



**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

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**Scientific Name:** Abies concolor **Variety:** -0-  
**Cultivar:** Candicans **Family:** Pinaceae **Tsnum:** 91141  
**Common Name:** Blue White Fir  
**Source:** Oregon Garden Products **Quantity observed:** 3 **Location:** E11, F10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Narrow, pyramidal

**Plant Height:** 25-35 ft.

**Plant Width:** 12-20 ft

**Current Seasons Growth:** 5-10 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Health is improving on two trees after nearby tree was removed which was crowding the others.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Abies glauca **Variety:** prostrata  
**Cultivar:** **Family:** Pinaceae **Tsnum:** 15081  
**Common Name:** Blue Dwarf Noble Fir  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2015 - too soon to evaluate in 2015 but will be on rotating schedule for 2017.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Abies koreana **Variety:**  
**Cultivar:** Horstmann Silberlocke **Family:** Pinaceae **Tsnum:** 13036  
**Common Name:** Silberlocke Korean Fir  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 5-6 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 5-12 in.

**Foliage Color:** Green with white lower surface that curves up for a striped bicolor effect.

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** Few

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Deer damage

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Striking foliage. One of two was 50% grazed by deer the first winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer buergeranum **Variety:** -0-  
**Cultivar:** -0- **Family:** Aceraceae **Tsnum:** 80272  
**Common Name:** Trident Maple  
**Source:** OE White Research Arboretu **Quantity observed:** 1 **Location:** B12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 25-35 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light to medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** Abundant fruit

**Fruit Color:** Green to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Inactive canker

**Disease Severity:** Aesthetics affected

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Bark is flaky and very attractive, canker is large but not active. It may cause structural failure in the future.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer caddo **Variety:**  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 94174  
**Common Name:** Caddo Maple  
**Source:** Oklahoma **Quantity observed:** 2 **Location:** SC1-1,2

**Observation Date of Plant:** 10/12/2015

**Plant Habit:** Upright oval

**Plant Height:** 18-25 ft.

**Plant Width:** 18-24 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** No sign of chlorosis. Nice overall appearance.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Red, orange, yellow

**Date of observation:** 10/19/2011

**Persistence:** 2-4 weeks

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**Scientific Name:** Acer campestre **Variety:** -0-  
**Cultivar:** Queen Elizabeth **Family:** Aceraceae **Tsnum:** 88090  
**Common Name:** Queen Elizabeth Hedge Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** AA12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round to broad oval

**Plant Height:** 30-40 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small to medium tree

**Overall Plant Health:** Good

**Fruit Present:** Abundant fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Spreading to unwanted places by seed.

**Recommended:** Yes

**Comments on plant:** Growth habit is very dense and uniform.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Green

**Flower Type:** Cluster

**Flower Effect:** Fair to poor

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Not showy due to color and size.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer campestre **Variety:**  
**Cultivar:** Stgrezam **Family:** Aceraceae **Tsnum:** 04019  
**Common Name:** Saint Gregory Hedge Maple  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** SC01-14, SC01-22

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 12-18 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 10-20 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** One of two trees was stressed by irrigation problem during nearby construction.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2006.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Acer campestre **Variety:**  
**Cultivar:** Streetwise **Family:** Aceraceae **Tsnum:** 10004  
**Common Name:** Streetwise Hedge Maple  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small to medium tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. One of two looks a little leggy and has less vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer freemanii **Variety:** -0-  
**Cultivar:** Armstrong **Family:** Aceraceae **Tsnum:** 93045  
**Common Name:** Freeman Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 2 **Location:** SC1-10,11

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Columnar

**Plant Height:** 35-45 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, narrow/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction. Looks good for a red maple in this area - no chlorosis and good vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** orange, red

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

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**Scientific Name:** Acer ginnala **Variety:** semenovii  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 02013  
**Common Name:** Turkestan maple  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** B12, B13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Multistemmed, irregular  
**Plant Height:** 15-20 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan  
**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Looks reasonable now but Acer ginnala often gets very chlorotic and one of two has about 15% of canopy with moderate chlorosis. Growth habit is not very attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer ginnala **Variety:**  
**Cultivar:** JFS-UGA **Family:** Aceraceae **Tsnum:** 05013  
**Common Name:** Red November Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12?, SC1-14

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Irregular  
**Plant Height:** 10-14 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Tan  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:** Slight suckering.

**Recommended:** Yes

**Comments on plant:** Planted in 2008. 10/25/11 - Heavy snow broke out top 4 feet as tree still had all its foliage. Has severe chlorosis on most of the tree and some necrosis developing on foliage. Looks surprisingly good this year with no chlorosis.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color  
**Aesthetics:** Excellent  
**Fall Color:** Dark red

**Date of observation:** 10/20/2011  
**Persistence:** 2-3 weeks

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**Scientific Name:** Acer ginnala **Variety:**  
**Cultivar:** Ruby Slippers **Family:** Aceraceae **Tsnum:** 10013  
**Common Name:** Ruby Slippers Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Fair to good  
**Fruit Present:** Moderate amount  
**Fruit Color:** Brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011. Has slight chlorosis.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Acer glabrum **Variety:** -0-  
**Cultivar:** -0- **Family:** Aceraceae **Tsnum:** 78136  
**Common Name:** Rocky Mountain Maple  
**Source:** Western Evergreen Nursery **Quantity observed:** 1 **Location:** A13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Multistemmed  
**Plant Height:** 15-20 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few fruit

**Fruit Color:** Green to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Has severe chlorosis with some necrosis in spots. May look better with more sunlight but crowded by nearby plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow, light yellow

**Date of observation:** 9/20/2004

**Persistence:** 1-2 weeks

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**Scientific Name:** Acer grandentatum **Variety:**  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 10118  
**Common Name:** Bigtooth Maple  
**Source:** Plant Select/DBG **Quantity observed:** 1 **Location:** C11

**Observation Date of Plant:** 9/30/2014  
**Plant Habit:** Upright oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in 2012. Seems to be slowly gaining vigor. Lost central leader a while back from unknown cause so growth habit is a little skewed.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Acer grandidentatum **Variety:**  
**Cultivar:** 91014-52 **Family:** Aceraceae **Tsnum:** 96285  
**Common Name:** Big Tooth Maple  
**Source:** Plant Select **Quantity observed:** 1 **Location:** G2

**Observation Date of Plant:** 9/16/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 22-28 ft  
**Plant Width:** 12-16 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks happy despite being in area with poor irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Acer grandidentatum x saccharum                      **Variety:**  
**Cultivar:** Hipazam                      **Family:** Aceraceae                      **Tsnum:** 11010  
**Common Name:** Highland Park Maple  
**Source:** J. Frank Schmidt and Son Co      **Quantity observed:** 2      **Location:** AA12, CFA

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 5-7 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Moderate injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011. One of two has canker near base of trunk.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color                      **Date of observation:** 11/4/2015  
**Aesthetics:** Good                      **Persistence:** 1-2 weeks  
**Fall Color:** Yellow, orange, red

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**Scientific Name:** Acer griseum **Variety:**  
**Cultivar:** **Family:** Acerceae **Tsnum:** 03001  
**Common Name:** Paperbark Maple  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** A11, B12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 6-10 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Peeling bark is very attractive and cinnamon brown.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer miyabei **Variety:**  
**Cultivar:** JFS-KW3AMI **Family:** Aceraceae **Tsnum:** 11011  
**Common Name:** Rugged Ridge Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 7-9 ft

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 11/4/2015

**Persistence:** 1-2 weeks

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**Scientific Name:** Acer monospermum **Variety:**  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 05103  
**Common Name:** Montpelier Maple  
**Source:** Proven Winners **Quantity observed:** 1 **Location:** C14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval, somewhat irregular  
**Plant Height:** 4-6 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**

**Cultural Problems:** Planted at edge of arboretum where irrigation is less uniform.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2012. Slow to establish but not in ideal location at edge of arboretum. Lost central leader from unknown cause and needs a new one trained.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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**Scientific Name:** Acer negundo **Variety:** -0-  
**Cultivar:** -0- **Family:** Aceraceae **Tsnum:** 81299  
**Common Name:** Boxelder  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Irregular

**Plant Height:** 40-50 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Difficult sites, shade tree

**Overall Plant Health:** Fair

**Fruit Present:** Moderate amount

**Fruit Color:** Tan, unattractive

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker on branches

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:** Susceptible to storm damage

**Recommended:** No

**Comments on plant:** Seeds can be invasive. Slight suckering. Poor growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer negundo **Variety:**  
**Cultivar:** Kelly's Gold **Family:** Aceraceae **Tsnum:** 02045  
**Common Name:** Kelly's Gold Box Elder  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC2-3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 18-25 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green with light yellow on new growth

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, difficult sites, under power lines where height is restricted

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Light yellow leaves on branch tips appears to be bleaching out but looks okay overall.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** golden yellow

**Date of observation:** 9/20/2004

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Acer negundo **Variety:** -0-  
**Cultivar:** Sensation **Family:** Aceraceae **Tsnum:** 91098  
**Common Name:** Sensation Box Elder  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-6

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 30-40 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, difficult sites

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Transplanted in 2003 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Red, yellow

**Date of observation:** 10/19/2011

**Persistence:** 1-2 weeks

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**Scientific Name:** Acer negundo **Variety:**  
**Cultivar:** Variegatum **Family:** Aceraceae **Tsnum:** 95034  
**Common Name:** Variegated Boxelder  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC1-7,8

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright to round, irregular

**Plant Height:** 12-18 ft.

**Plant Width:** 12-18 ft

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Variegated, light green and white

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Green turning tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Old canker caused damage on 20-30% of canopy - one tree is worse than the oth

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Has minor suckering. Would benefit from regular pruning since it has a lot of little dead twigs from low vigor. May need more irrigation. About 20% of canopy reverting back to solid green.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Poor to fair

**Fall Color:** Pale yellow

**Date of observation:** 9/20/2004

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Acer nigrum **Variety:** -0-  
**Cultivar:** -0- **Family:** Aceraceae **Tsnum:** 81228  
**Common Name:** Black Maple  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 40-45 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** May grow wider but this tree is crowded by nearby plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Acer nigrum **Variety:** -0-  
**Cultivar:** Greencolumn **Family:** Aceraceae **Tsnum:** 89128  
**Common Name:** Greencolumn Black Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 40-50 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Lost a large limb due to snow damage October 2011 which may cause problems over the long term.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/6/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** red/orange

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---

**Scientific Name:** Acer palmatum **Variety:**  
**Cultivar:** **Family:** Sapindaceae **Tsnum:** 15082  
**Common Name:** Japanese Maple  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** C13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Vase

**Plant Height:** 4-5 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Acer platanoides *Variety:* -0-  
*Cultivar:* -0- *Family:* Aceraceae *Tsnum:* 84239  
*Common Name:* Norway Maple  
*Source:* USDA, Glen Dale, MD *Quantity observed:* 1 *Location:* C12

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Round

*Plant Height:* 35-45 ft.

*Plant Width:* 35-40 ft.

*Current Seasons Growth:* 6-12in.

*Foliage Color:* Medium to dark green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Green to tan

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** -0- **Family:** Aceraceae **Tsnum:** 78137  
**Common Name:** Norway Maple  
**Source:** Kankakee Nursery Company **Quantity observed:** 2 **Location:** B13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round to upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 45-55 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Yellow/green

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Not a bright enough yellow to be showy - blends in with emerging foliage.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Acer platanoides *Variety:* -0-  
*Cultivar:* Cavalier *Family:* Aceraceae *Tsnum:* 88087  
*Common Name:* Cavalier Norway Maple  
*Source:* Handy Nursery Co. *Quantity observed:* 1 *Location:* B13

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Round

*Plant Height:* 40-50 ft.

*Plant Width:* 40-50 ft.

*Current Seasons Growth:* 10-15 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Partly disfigured by storm damage.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Cleveland **Family:** Aceraceae **Tsnum:** 86205  
**Common Name:** Cleveland Norway Maple  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** AA14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round

**Plant Height:** 30-40 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Planted at edge of arboretum where irrigation is less uniform.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Uniform growth habit, wide branch angles, very attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Columnaris **Family:** Aceraceae **Tsnum:** 78138  
**Common Name:** Columnar Norway Maple  
**Source:** Unknown **Quantity observed:** 1 **Location:** C13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 40-50 ft.  
**Plant Width:** 35-45 ft.  
**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Not very columnar.

**Observation Date of Flowers:** 4/26/2006  
**Flower Color:** Yellow/green  
**Flower Type:** cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 50-70%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Not a bright enough yellow to be showy - blends in with emerging foliage.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Acer platanoides **Variety:**  
**Cultivar:** Conzam **Family:** Aceraceae **Tsnum:** 05014  
**Common Name:** Conquest Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC01-16

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 12-16 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Excellent  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. Top 25% of central leader died apparently from canker in 2011 but looks great with dark foliage and dense growth habit. Has apparent frost crack on SW side of trunk but not affecting vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer platanoides **Variety:**  
**Cultivar:** Conzam **Family:** Aceraceae **Tsnum:** 06001  
**Common Name:** Conquest Norway Maple  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** C14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 8-12 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Lost central leader earlier from unknown cause but is coming back strong although growth habit is more bushy than before. Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Deborah **Family:** Aceraceae **Tsnum:** 84181  
**Common Name:** Deborah Norway Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C13, C14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round to upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice shape but one tree has included bark in trunk.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Acer platanoides *Variety:* -0-  
*Cultivar:* Fairview *Family:* Aceraceae *Tsnum:* 93090  
*Common Name:* Fairview Maple  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 1 *Location:* C12

*Observation Date of Plant:* 9/21/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 50-55 ft.  
*Plant Width:* 35-45 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good  
*Fruit Present:* Few fruit  
*Fruit Color:* Green to tan  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:* 4/26/2006  
*Flower Color:* Yellow/green  
*Flower Type:* Cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 60-80%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:* Flowers look a little more showy than most because of color contrast with emerging dark red foliage.

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Acer platanoides **Variety:**  
**Cultivar:** Globosum **Family:** Aceraceae **Tsnum:** 02004  
**Common Name:** Globe Norway Maple  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** SC03-3

**Observation Date of Plant:** 9/10/2015

**Plant Habit:** Round or broad oval

**Plant Height:** 7 - 8 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate to severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in arboretum in 2003. Canopy is very dense. Two large cankers on opposite sides of trunk killed top three feet of central leader.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow/orange

**Date of observation:** 9/20/2004

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Acer platanoides **Variety:**  
**Cultivar:** Jade Glen **Family:** Aceraceae **Tsnum:** 00041  
**Common Name:** Jade Glen Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC2-6

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 15-20 ft

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** Very few

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. Growth on central leader is minimal and most new growth is on lateral branches. Remainder of tree looks good but not very uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Lamis **Family:** Aceraceae **Tsnum:** 89113  
**Common Name:** Crystal Norway Maple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** SC2-5

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 18-22 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction. Has regained vigor by 2007.  
Has a very attractive growth habit.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/20/2004  
**Aesthetics:** Good **Persistence:** 2-4 weeks  
**Fall Color:** yellow

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**Scientific Name:** Acer platanoides **Variety:**  
**Cultivar:** National 2000 **Family:** Aceraceae **Tsnum:** 05003  
**Common Name:** Champtree Norway Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC3-6

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 18-25 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, shade tree, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2006.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Acer platanoides **Variety:** columnaris  
**Cultivar:** Olmstead **Family:** Aceraceae **Tsnum:** 86184  
**Common Name:** Olmstead Columnar Norway Maple  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** C13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** This tree may have a wider growth habit if it had more space. More space/sun would probably give it good ratings for both health and overall aesthetics. It has had previous storm damage that has made the overall appearance fairly coarse.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Yellow/green

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 60-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Not a bright enough yellow to be showy - blends in with emerging foliage.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Parkway **Family:** Aceraceae **Tsnum:** 84182  
**Common Name:** Parkway Norway Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Round  
**Plant Height:** 40-45 ft.  
**Plant Width:** 40-45 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Severe injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** Large pieces of bark suddenly flaking off half of trunk from probable canker.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Pond **Family:** Aceraceae **Tsnum:** 85163  
**Common Name:** Emerald Lustre Norway Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 25-35 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Nice canopy shape but developing some included bark.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Pond **Family:** Aceraceae **Tsnum:** 85084  
**Common Name:** Emerald Lustre Norway Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** A13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 20-30 ft.  
**Plant Width:** 35-45 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Princeton Gold **Family:** Aceraceae **Tsnum:** 93089  
**Common Name:** Princeton Gold Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-9

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 25-30 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Yellow on tips then light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium to coarse  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Yellow leaves on branch tips have slight scorch but may look better with more irrigation.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/16/2003  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** bright yellow

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Royal Red **Family:** Aceraceae **Tsnum:** 85086  
**Common Name:** Royal Red Norway Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** B14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 30-40 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** dark red and purple

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

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**Scientific Name:** Acer platanoides **Variety:** -0-  
**Cultivar:** Summershade **Family:** Aceraceae **Tsnum:** 87080  
**Common Name:** Summershade Norway Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Irregular to round  
**Plant Height:** 30-35 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**

**Plant Disease:** Canker  
**Disease Severity:** Severe injury  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Growth habit deformed by storm damage but returning to a more normal appearance. Canker in trunk killed 25% of original central leader a few years ago and probably causing large split in bark down the rest of the tree.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Yellow/green

**Flower Type:** cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 50-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Not a bright enough yellow to be showy - blends in with emerging foliage.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Acer platanoides *Variety:* -0-  
*Cultivar:* Superform *Family:* Aceraceae *Tsnum:* 78032  
*Common Name:* Superform Norway Maple  
*Source:* Milton Nursery *Quantity observed:* 1 *Location:* C13

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Upright oval to round

*Plant Height:* 45-55 ft.

*Plant Width:* 40-45 ft.

*Current Seasons Growth:* 8-15 in.

*Foliage Color:* Medium to dark green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair

*Landscape Uses:* Residential street, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Growth habit isn't very uniform probably due to storm damage.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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**Scientific Name:** Acer platanoides **Variety:**  
**Cultivar:** Variegatum **Family:** Aceraceae **Tsnum:** 03037  
**Common Name:** Silver Variegated Norway Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 2 **Location:** SC1-4, C12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 15-20 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Variegated, green/white  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2004. Both trees have about 40-70% of tree reverting to a solid green leaf. Variegated foliage is very showy but color fades and has some scorch around the edges by end of season.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer pseudosieboldianum **Variety:**  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 07030  
**Common Name:** Korean Maple  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** SC2-01, B12, C13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-11 ft.

**Plant Width:** 3-6 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor to good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Green to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2008. One tree is flopping. Second tree has three different cankers along trunk and is mostly dead. Third tree looks okay but not as vigorous due to shade from nearby trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Dark red

**Date of observation:** 10/21/2011

**Persistence:** 1-2 weeks

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**Scientific Name:** Acer rubrum **Variety:**  
**Cultivar:** Brandywine **Family:** Aceraceae **Tsnum:** 02001  
**Common Name:** Brandywine Red Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC02-13

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal

**Comments on plant:** Planted in 2004. Has moderate chlorosis - doesn't seem to tolerate a soil pH near 8.0. Some foliage developing necrotic spots. Suffered severe snow damage 10/25/11 with a split down the middle of the trunk and will probably be

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/1/2009  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** rose, red

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**Scientific Name:** Acer rubrum **Variety:** -0-  
**Cultivar:** Schlesinger **Family:** Aceraceae **Tsnum:** 86108  
**Common Name:** Schlesinger Red Maple  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** C13, C12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 35-45 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Light green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/20/2004  
**Aesthetics:** Good **Persistence:** 2-4 weeks  
**Fall Color:** yellow, orange

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**Scientific Name:** Acer saccharinum **Variety:**  
**Cultivar:** Blair **Family:** Aceraceae **Tsnum:** 02005  
**Common Name:** Blair Silver Maple  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** SC2-2, SC3-2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 30-40 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 8-12 in

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Minor suckering

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Both look very nice.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

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**Scientific Name:** Acer saccharinum **Variety:** -0-  
**Cultivar:** Silver Queen **Family:** Aceraceae **Tsnum:** 89133  
**Common Name:** Silver Queen Silver Maple  
**Source:** Sherman Nursery **Quantity observed:** 1 **Location:** B12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light to medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Somewhat susceptible to storm damage. Seems to be more tolerant of high soil pH than the species but does have minor chlorosis.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Acer saccharinum **Variety:** -0-  
**Cultivar:** Skinneri **Family:** Aceraceae **Tsnum:** 91101  
**Common Name:** Skinner's Cutleaf Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-17

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 25-35 ft.

**Plant Width:** 25-30 ft.

**Current Seasons Growth:** 2-6 in

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight injury on branch (10% of canopy)

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction. Still hasn't regained vigor but it was a large tree to move. Canker killed one branch which was about 5-10% of canopy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

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**Scientific Name:** Acer saccharinum **Variety:** -0-  
**Cultivar:** Skinner's Cutleaf **Family:** Aceraceae **Tsnum:** 84197  
**Common Name:** Skinner's Cutleaf Silver Maple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 60-70 ft.  
**Plant Width:** 35-45 ft.  
**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:** Susceptible to storm damage but seems to be more tolerant of high soil pH than  
**Recommended:** Yes  
**Comments on plant:** May have a wider growth habit if it had more space.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/20/2004  
**Aesthetics:** Good **Persistence:** 2-4 weeks  
**Fall Color:** Yellow



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*Scientific Name:* Acer saccharum *Variety:* -0-  
*Cultivar:* -0- *Family:* Aceraceae *Tsnum:* 92094  
*Common Name:* Sugar Maple  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* SC2-15

*Observation Date of Plant:* 10/5/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 15-20 ft.  
*Plant Width:* 10-16 ft  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 10/15/2015  
*Aesthetics:* Excellent *Persistence:* 1-2 weeks  
*Fall Color:* orange, yellow, slightly red

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**Scientific Name:** Acer saccharum **Variety:** -0-  
**Cultivar:** -0- **Family:** Aceraceae **Tsnum:** 80159  
**Common Name:** Sugar Maple  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight injury on small branch

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer saccharum **Variety:** -0-  
**Cultivar:** Arrowhead **Family:** Aceraceae **Tsnum:** 86186  
**Common Name:** Arrowhead Sugar Maple  
**Source:** Schichtel's Nursery **Quantity observed:** 2 **Location:** B12, A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 35-45 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Uniform growth habit and excellent fall color.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Yellow/green

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Pendulous flowers are an interesting shape but not a very showy color.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/28/2008

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** yellow, magenta red

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---

**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Autumn Faith **Family:** Aceraceae **Tsnum:** 08014  
**Common Name:** Autumn Faith Sugar Maple  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** B12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 7-9 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Top 3 feet died from canker but lower branches are replacing it and it looks pretty good from a distance. Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer saccharum **Variety:** -0-  
**Cultivar:** Bonfire **Family:** Aceraceae **Tsnum:** 82114  
**Common Name:** Bonfire Sugar Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 45-55 ft.

**Plant Width:** 45-55 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Bright red

**Date of observation:** 10/10/2012

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Campfire **Family:** Aceraceae **Tsnum:** 96038  
**Common Name:** Campfire Maple  
**Source:** James Holmund Nursery **Quantity observed:** 2 **Location:** SC1-19,20

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Upright oval and somewhat irregular  
**Plant Height:** 20-30 ft.  
**Plant Width:** 12-18 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to light green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** orange, yellow

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

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---

**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Chippewa Fire **Family:** Aceraceae **Tsnum:** 96037  
**Common Name:** Chippewa Fire Maple  
**Source:** James Holmund Nursery **Quantity observed:** 1 **Location:** SC1-21

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Round and somewhat irregular  
**Plant Height:** 12-17 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks very healthy. Would probably look better if central leader not taken over by opposite branches.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Bright rose/red

**Date of observation:** 10/21/2011

**Persistence:** 2-3 weeks

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---

**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Fairview **Family:** Aceraceae **Tsnum:** 95041  
**Common Name:** Fairview Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC2-16

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 20-30 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 6- 12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Attractive, dense growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Bright rose/orange

**Date of observation:** 10/15/2015

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Acer saccharum **Variety:** -0-  
**Cultivar:** Green Column **Family:** Aceraceae **Tsnum:** 84183  
**Common Name:** Green Mountain Sugar Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A13

**Observation Date of Plant:** 9/13/2016

**Plant Habit:** Upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 35-45 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice shape to growth habit. Nice central leader.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Heartland **Family:** Aceraceae **Tsnum:** 06003  
**Common Name:** Autumn Faith Sugar Maple  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** A12?, SC02-4

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 8-12 ft.  
**Plant Width:** 4-5 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Severe injury on one tree  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Planted in 2008. Canker on trunk killed the top one third of plant but remainder would look good if dead wood removed.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Hiawatha 1 **Family:** Aceraceae **Tsnum:** 10016  
**Common Name:** Oregon Trail Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 10-15 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 10-15 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 11/4/2015

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Mostly yellow with some red shades

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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Jefcan **Family:** Acereae **Tsnum:** 09069  
**Common Name:** Unity Maple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 8-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/30/2014  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Red, yellow , orange

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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** JFS-Caddo2 **Family:** Aceraceae **Tsnum:** 10014  
**Common Name:** Flashfire Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC01-05

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 12-18 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Red

**Date of observation:** 11/4/2015

**Persistence:** 1-2 weeks

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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** JFS-KW8 **Family:** Aceraceae **Tsnum:** 09011  
**Common Name:** Autumn Fest Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 12-18 ft.  
**Plant Width:** 12-15 ft.  
**Current Seasons Growth:** 24-30 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** John Pair **Family:** Aceraceae **Tsnum:** 07046  
**Common Name:** John Pair Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC02-12

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 10-13 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2008.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/15/2015  
**Aesthetics:** Excellent **Persistence:** 1-2 weeks  
**Fall Color:** Rosy red, bright

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---

**Scientific Name:** Acer saccharum **Variety:** -0-  
**Cultivar:** Majesty **Family:** Aceraceae **Tsnum:** 87101  
**Common Name:** Majesty Sugar Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** AA13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 30-35 ft.  
**Plant Width:** 25-35 ft  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker - not active  
**Disease Severity:** Aesthetics affected but almost normal looking  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Almost to overcome aesthetic problem of old canker.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Monumentale **Family:** Aceraceae **Tsnum:** 96132  
**Common Name:** Temple's Upright Maple  
**Source:** Schichtel's Nursery **Quantity observed:** 2 **Location:** CFA, AA13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Columnar

**Plant Height:** 30-40 ft.

**Plant Width:** 4-8 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, narrow/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Very unique growth habit. One of the top five most columnar growth habits in the arboretum. One of two trees moved in 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/6/2008

**Aesthetics:** Good

**Persistence:** 1-2weeks

**Fall Color:** A lot of yellow but also bright red, orang

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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Morton **Family:** Aceraceae **Tsnum:** 00157  
**Common Name:** Crescendo Sugar Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval becoming more round.  
**Plant Height:** 30-40 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2002.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/10/2004  
**Aesthetics:** Excellent **Persistence:** 1-2 weeks  
**Fall Color:** Red

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**Scientific Name:** Acer saccharum **Variety:** -0-  
**Cultivar:** Seneca Chief **Family:** Aceraceae **Tsnum:** 86187  
**Common Name:** Seneca Chief Sugar Maple  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** AA12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 20-30 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, narrow/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Dense and uniform branching habit is very attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Golden yellow

**Date of observation:** 10/28/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Sisseton **Family:** Aceraceae **Tsnum:** 10015  
**Common Name:** Northern Flare Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 7-9 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 11/4/2015

**Aesthetics:** Excellent, bright colors

**Persistence:** 1-2 weeks

**Fall Color:** Orange/yellow

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**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Sugar Cone **Family:** Aceraceae **Tsnum:** 04043  
**Common Name:** Sugar Cone Maple  
**Source:** Schichtel's Nursery **Quantity observed:** 2 **Location:** B12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Columnar

**Plant Height:** 15-20 ft.

**Plant Width:** 5-7 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Residential street, confined areas, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2004. Growth habit is very uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer saccharum **Variety:**  
**Cultivar:** Wright Brothers **Family:** Aceraceae **Tsnum:** 01002  
**Common Name:** Wright Brothers Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC01-18

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 8-14 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2004.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/12/2015  
**Aesthetics:** Excellent **Persistence:** 1-2 weeks  
**Fall Color:** Mostly a nice rosy red

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---

**Scientific Name:** Acer tataricum **Variety:** -0-  
**Cultivar:** -0- **Family:** Aceraceae **Tsnum:** 86188  
**Common Name:** Tatarian Maple  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** B13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 30-40 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** Abundant

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Many suckers

**Recommended:** Marginal

**Comments on plant:** Not a very uniform canopy due to storm damage.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer tataricum **Variety:**  
**Cultivar:** Actar **Family:** Aceraceae **Tsnum:** 94019  
**Common Name:** Summer Splendor Tatarian Maple  
**Source:** Discover-Tree Research **Quantity observed:** 2 **Location:** SC2-7,8

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 15-18 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Moved in 2003 due to unavoidable construction. Still misshapen by storm damage in 2002.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks



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---

**Scientific Name:** Acer tataricum **Variety:** tree-form  
**Cultivar:** GarAnn **Family:** Aceraceae **Tsnum:** 12078  
**Common Name:** Hot Wings Tatarian Maple  
**Source:** Fort Collins Nursery **Quantity observed:** 2 **Location:** SC03-05, C11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Red samaras are very showy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer tataricum **Variety:**  
**Cultivar:** Hot Wings **Family:** Aceraceae **Tsnum:** 04025  
**Common Name:** Hot Wings Tatarian Maple  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** B12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval, multistem  
**Plant Height:** 15-20 ft.  
**Plant Width:** 25-30 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Red to tan  
**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2004. Growth habit was deformed by snow damage October 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer tataricum **Variety:**  
**Cultivar:** JFS-KW2 **Family:** Aceraceae **Tsnum:** 06022  
**Common Name:** Rugged Charm Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 25-30 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2007. Growth habit is a little one sided and possibly getting crowded by nearby trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer tataricum **Variety:**  
**Cultivar:** 'GarAnn' **Family:** Aceraceae **Tsnum:** 00042  
**Common Name:** Hotwing Tatarian Maple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** C14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Growth habit is on top 25% is flopping to north for unknown reason. Possibly due to crowding from nearby trees?

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer tataricum **Variety:**  
**Cultivar:** Actar **Family:** Aceraceae **Tsnum:** 10143  
**Common Name:** Hot Wings Tatarian Maple  
**Source:** Garden and Home Show **Quantity observed:** 2 **Location:** SC03-05, B12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 10-14 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Red, very showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. One of two trees crowded and growth habit leaning towards sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer truncatum **Variety:**  
**Cultivar:** Warrenred **Family:** Aceraceae **Tsnum:** 07063  
**Common Name:** Pacific Sunset Shantung Maple  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** SC03-04

**Observation Date of Plant:** 9/10/2015

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, medium shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Acer truncatum x platanoides *Variety:*  
*Cultivar:* JFS-KW202 *Family:* Aceraceae *Tsnum:* 09013  
*Common Name:* Crimson Sunset Maple  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 2 *Location:* AA11, SC01-13

*Observation Date of Plant:* 9/21/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 10-15 ft.  
*Plant Width:* 8-10 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Dark red  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen, medium shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2011.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** Acer x **Variety:** -0-  
**Cultivar:** Warrenred **Family:** Aceraceae **Tsnum:** 90022  
**Common Name:** Pacific Sunset Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** AA13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round to broad oval

**Plant Height:** 30-40 ft.

**Plant Width:** 40-45 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, medium shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Acer x freemanii **Variety:**  
**Cultivar:** Bailston **Family:** Aceraceae **Tsnum:** 10025  
**Common Name:** First Editions® Matador™ Maple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer x freemanii **Variety:** -0-  
**Cultivar:** Celebration **Family:** Aceraceae **Tsnum:** 90047  
**Common Name:** Celebration Maple  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** C14, D14. SC2-9

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Light to medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has slight suckering. Third tree has less vigor probably because it was moved in 2003 due to construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** red, orange

**Date of observation:** 9/29/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Acer x freemanii **Variety:**  
**Cultivar:** DTR 102 **Family:** Aceraceae **Tsnum:** 94075  
**Common Name:** Autumn Fantasy Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC2-10

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 35-45 ft.

**Plant Width:** 30-35 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction. Still trying to regain vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** bright, red

**Date of observation:** 10/14/2015

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Acer x freemanii **Variety:** -0-  
**Cultivar:** Jeffersred **Family:** Aceraceae **Tsnum:** 91100  
**Common Name:** Autumn Blaze Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC1-3

**Observation Date of Plant:** 9/15/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 30-40 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color  
**Aesthetics:** Excellent  
**Fall Color:** Bright red

**Date of observation:** 9/20/2004  
**Persistence:** 1-2 weeks

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---

**Scientific Name:** Aesculus flava **Variety:**  
**Cultivar:** **Family:** Hippocastanaceae **Tsnum:** 06031  
**Common Name:** Yellow Buckeye  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** SC09-1, A7, B7

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval

**Plant Height:** 10-15 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2008. One is leaning a lot due to big bend in trunk halfway up. Second tree has large frost crack on trunk but otherwise looks good. Third tree looks fine.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Aesculus glabra **Variety:** -0-  
**Cultivar:** -0- **Family:** Hippocastanaceae **Tsnum:** 78141  
**Common Name:** Ohio Buckeye  
**Source:** Unknown **Quantity observed:** 2 **Location:** A6

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright oval to round  
**Plant Height:** 20-30 ft.  
**Plant Width:** 25-30 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One specimen is crowded and would be wider if given the space.

**Observation Date of Flowers:** 5/11/2006

**Flower Color:** Cream

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** bright orange

**Date of observation:** 9/20/2004

**Persistence:** 1-2 weeks

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*Scientific Name:* Aesculus glabra x octandra *Variety:* -0-  
*Cultivar:* -0- *Family:* Hippocastanaceae *Tsnum:* 87189  
*Common Name:* Hybrid Buckeye  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* B6

*Observation Date of Plant:* 9/29/2015  
*Plant Habit:* Upright oval, pyramidal  
*Plant Height:* 20-25 ft.  
*Plant Width:* 20-30 ft.  
*Current Seasons Growth:* 10-18 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good  
*Fruit Present:* Few fruit  
*Fruit Color:* Tan  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes

*Comments on plant:* Growth habit is fairly uniform and very attractive. Included bark near central leader may create problem in future.

*Observation Date of Flowers:* 5/10/2006  
*Flower Color:* Cream  
*Flower Type:* Cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 30-40%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 10/19/2005  
*Aesthetics:* Excellent *Persistence:* 1-2 weeks  
*Fall Color:* orange, red-orange

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*Scientific Name:* Aesculus hippocastanum *Variety:* -0-  
*Cultivar:* -0- *Family:* Hippocastanaceae *Tsnum:* 82187  
*Common Name:* Common Horsechestnut  
*Source:* Fort Collins Nursery *Quantity observed:* 1 *Location:* B6

*Observation Date of Plant:* 9/29/2015  
*Plant Habit:* Round, multistem  
*Plant Height:* 20-30 ft.  
*Plant Width:* 20-30 ft.  
*Current Seasons Growth:* 8-12 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Plant width may be wider if not crowded by neighboring trees.

*Observation Date of Flowers:* 5/26/2006  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:* No signs of any flowers in 2006.

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*



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---

**Scientific Name:** Aesculus hippocastanum **Variety:**  
**Cultivar:** Baumannii **Family:** Hippocastanaceae **Tsnum:** 99034  
**Common Name:** Baumann Horsechestnut  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A6, B6

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright oval to round  
**Plant Height:** 25-30 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large, shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Attractive overall growth habit.

**Observation Date of Flowers:** 5/15/2006  
**Flower Color:** White with red speckles in center.  
**Flower Type:** Cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 10-40%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Flowers are large and showy but very few.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/6/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** yellow

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---

**Scientific Name:** Aesculus parvifolia **Variety:**  
**Cultivar:** **Family:** Hippocastanaceae **Tsnum:** 08020  
**Common Name:** Bottlebrush Buckeye  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** B7

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Young, undefined, multistem  
**Plant Height:** 4-5 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Lost central leader from unknown cause while in lathhouse and growth habit will take time to recover.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Aesculus pavia **Variety:**  
**Cultivar:** **Family:** Hippocastanaceae **Tsnum:** 07082  
**Common Name:** Red Buckeye  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** B7

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Young, undefined

**Plant Height:** 4-5 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shade tree, residential street

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Was in lathhouse too long.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Vigor is improving since last evaluation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Aesculus pavia **Variety:**  
**Cultivar:** **Family:** Hippocastanaceae **Tsnum:** 08021  
**Common Name:** Red Buckeye  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A7, B6

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Young, undefined, multistemmed  
**Plant Height:** 4-6 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. One of two plants had some damage to trunk from deer grazing that caused it to die down to about 8 inches from ground but is coming back very strong although growth habit is a little irregular.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Aesculus x **Variety:**  
**Cultivar:** Homestead **Family:** Hippocastanaceae **Tsnum:** 06009  
**Common Name:** Homestead Horse Chestnut  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** B6, SC09-4

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Round

**Plant Height:** 8-12 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. Excellent, uniform growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Aesculus x arnoldiana **Variety:**  
**Cultivar:** Autumn Splendor **Family:** Hippocastanaceae **Tsnum:** 02021  
**Common Name:** Autumn Splendor Horsechestnut  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** SC9-2,3

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Round

**Plant Height:** 8-14 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, wildlife

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two had 60% of branches removed by vandals in 2005.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Aesculus x carnea **Variety:**  
**Cultivar:** Briotii **Family:** Hippocastanaceae **Tsnum:** 10001  
**Common Name:** Briotii Red Horsechestnut  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** B7

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 8-11 ft.  
**Plant Width:** 5-7 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Alnus glutinosa **Variety:** -0-  
**Cultivar:** -0- **Family:** Betulaceae **Tsnum:** 82060  
**Common Name:** Black Alder  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 10 - 15 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, wet areas

**Overall Plant Health:** Poor to fair

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:** Severe suckering

**Recommended:** No

**Comments on plant:** Plant is in severe decline. Canker on trunk killed top half of tree.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Alnus hirsuta **Variety:**  
**Cultivar:** **Family:** Betulaceae **Tsnum:** 98063  
**Common Name:** Manchurian Alder  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 20-26 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, wet areas

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Green turning to tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Canopy is a little thin and chlorotic.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Alnus hirsuta **Variety:**  
**Cultivar:** Harbin **Family:** Betulaceae **Tsnum:** 10026  
**Common Name:** Prairie Horizon Alder  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** F5

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, wet areas

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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*Scientific Name:* Alnus incana *Variety:* -0-  
*Cultivar:* -0- *Family:* Betulaceae *Tsnum:* 82185  
*Common Name:* White Alder  
*Source:* Fort Collins Nursery *Quantity observed:* 1 *Location:* D5

*Observation Date of Plant:* 10/8/2015

*Plant Habit:* Upright oval

*Plant Height:* 12-17 ft.

*Plant Width:* 6-10 ft.

*Current Seasons Growth:* 4-8 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair to poor

*Landscape Uses:* Specimen, wet areas

*Overall Plant Health:* Fair

*Fruit Present:* Few fruit

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:* Canker, leaf spot

*Disease Severity:* Moderate injury

*Cultural Problems:* Probably requires more irrigation.

*Nuisances:*

*Recommended:* No

*Comments on plant:* Has relatively low vigor. Dropped leaves much sooner than other trees.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Alnus japonica **Variety:**  
**Cultivar:** Ames 25022 **Family:** Betulaceae **Tsnum:** 13043  
**Common Name:** Japanese alder  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** F5, SC11-06

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Young, undefined  
**Plant Height:** 4 ft.  
**Plant Width:** 4 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, wet area

**Overall Plant Health:** fair

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend. One plant was heavily grazed by deer shortly after planting.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Alnus serrulata **Variety:**  
**Cultivar:** **Family:** Betulaceae **Tsnum:** 07083  
**Common Name:** Smooth Alder  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** F5

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval and somewhat irregular  
**Plant Height:** 18-24 ft.  
**Plant Width:** 12-18 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, wet areas

**Overall Plant Health:** Fair  
**Fruit Present:** Abundant  
**Fruit Color:** Green turning to brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Minor suckering  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted Fall of 2007. Top 3 ft. of central leader died from unknown cause.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Amelanchier alnifolia **Variety:**  
**Cultivar:** Regent **Family:** Rosaceae **Tsnum:** 16106  
**Common Name:** Regent Serviceberry  
**Source:** Garden and Home Show **Quantity observed:** 2 **Location:** C1

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Amelanchier alnifolia **Variety:**  
**Cultivar:** Smokey **Family:** Rosaceae **Tsnum:** 04041  
**Common Name:** Smokey Serviceberry  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** B1

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 8-12 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2005.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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**Scientific Name:** Amelanchier canadensis **Variety:**  
**Cultivar:** Globe **Family:** Rosaceae **Tsnum:** 04042  
**Common Name:** Globe Serviceberry  
**Source:** Schichtel's Nursery **Quantity observed:** 2 **Location:** A1, SC11-14

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 8-12 ft.  
**Plant Width:** 7-11 ft.  
**Current Seasons Growth:** 4-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor to good  
**Landscape Uses:** Specimen, wildlife, confined areas

**Overall Plant Health:** Poor to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal

**Comments on plant:** Planted in 2004. Slight suckering but looks good overall. One of two is 50% dead from canker on trunk. and branches.

**Observation Date of Flowers:** 4/21/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 90-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Red/bronze



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---

**Scientific Name:** Amelanchier grandiflora **Variety:** -0-  
**Cultivar:** Autumn Brilliance **Family:** Rosaceae **Tsnum:** 87104  
**Common Name:** Autumn Brilliance Apple Serviceberry  
**Source:** Pacific Coast Nursery **Quantity observed:** 2 **Location:** C1, B1

**Observation Date of Plant:** 9/28/2015  
**Plant Habit:** Upright oval to round  
**Plant Height:** 12-18 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:** Severe suckering on single stem form.  
**Recommended:** Yes  
**Comments on plant:** Birds make fruit disappear quickly.

**Observation Date of Flowers:** 4/11/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 85-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** orange, red, deep red, purple

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**Scientific Name:** Amelanchier laevis **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 88100  
**Common Name:** Allegheny Serviceberry  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 18-25 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:** Moderate suckering  
**Recommended:** Yes  
**Comments on plant:** Nice looking, problem-free tree over many years.

**Observation Date of Flowers:** 4/11/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 85-95%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/21/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Golden yellow with dark red

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**Scientific Name:** Amelanchier laevis **Variety:**  
**Cultivar:** JFS-ARB **Family:** Rosaceae **Tsnum:** 04030  
**Common Name:** Spring Flurry Serviceberry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-13

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Round

**Plant Height:** 6-8 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, small tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Vandals destroyed about half of canopy in 2005. Looks fairly good but canopy looks a little thin.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Amelanchier laevis **Variety:**  
**Cultivar:** Jfs-arb **Family:** Rosaceae **Tsnum:** 06032  
**Common Name:** Spring Flurry Service Berry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A1, B1

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Upright oval to irregular  
**Plant Height:** 12-18 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, small tree

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. One of two was misshapen by snow but shows good vigor and has recovered a good form.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2013

**Aesthetics:** Good to excellent, one tr **Persistence:** 1-2 weeks

**Fall Color:** Orange/red

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---

**Scientific Name:** Amelanchier laevis **Variety:**  
**Cultivar:** Rogers **Family:** Rosaceae **Tsnum:** 01023  
**Common Name:** Lustre Serviceberry  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** SC8-1, 3

**Observation Date of Plant:** 8/16/2016

**Plant Habit:** Round

**Plant Height:** 8-12 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Would be in better health if not severely vandalized in 2005. One of two looks poor and starting to lean a lot. Low vigor - possibly needs a site with more irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/16/2003

**Aesthetics:** Fair

**Persistence:** 1-2 weeks

**Fall Color:** burnt orange, burnt red

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**Scientific Name:** Amelanchier laevis **Variety:**  
**Cultivar:** Snow **Family:** Rosaceae **Tsnum:** 01024  
**Common Name:** Snowcloud Serviceberry  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** SC8-4

**Observation Date of Plant:** 8/16/2016

**Plant Habit:** Upright oval

**Plant Height:** 8 - 12 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** 75% of canopy vandalized in 2005.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Amelanchier laevis **Variety:**  
**Cultivar:** Snowcloud **Family:** Rosaceae **Tsnum:** 99004  
**Common Name:** Snowcloud Serviceberry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC8-7

**Observation Date of Plant:** 8/23/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-12 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Leaning despite being staked.  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Planted in 2003. Has thin canopy and low vigor possibly due to irrigation problem during construction in 2015.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Amelanchier lamarckii **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 07070  
**Common Name:** Serviceberry  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A1

**Observation Date of Plant:** 8/28/2015  
**Plant Habit:** Upright, irregular  
**Plant Height:** 5-9 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2009. One of two damaged by deer in 2013.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Amelanchier sanguinea **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 10022  
**Common Name:** Roundleaf Serviceberry  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** A0,B1

**Observation Date of Plant:** 8/28/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 4 ft.  
**Plant Width:** 2 ft.  
**Current Seasons Growth:** 2-3 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, shrub area, wildlife

**Overall Plant Health:** Poor to fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** Planted in 2013. Low vigor possibly needs a lot more irrigation.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Amelanchier stolonifera **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 81222  
**Common Name:** Running Serviceberry  
**Source:** Smith Nursery Co. **Quantity observed:** 2 **Location:** C1, B0

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 9-12 ft.

**Plant Width:** 12-16 ft

**Current Seasons Growth:** 5 - 10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** One of two plants getting crowded out by neighboring plants.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Spreading slowly by many small suckers close to original plant - not invasive.  
Nice growth habit.

**Observation Date of Flowers:** 4/23/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** burnt orange w/ red

**Date of observation:** 10/9/2003

**Persistence:** < 1 week

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**Scientific Name:** Amelanchier x  
**Cultivar:** Glennform                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Rainbow Pillar Serviceberry                      **Tsnum:** 09051  
**Source:** Carlton Plants                      **Quantity observed:** 2                      **Location:** A1,B1

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 2-4 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 1-2 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, shrub border, wildlife

**Overall Plant Health:** Poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No

**Comments on plant:** Planted in 2013. Has very low vigor, chlorotic and in decline from unknown cause.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**                      **Date of observation:**  
**Aesthetics:**                                      **Persistence:**  
**Fall Color:**

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**Scientific Name:** Amelanchier x **Variety:** -0-  
**Cultivar:** Regent **Family:** Rosaceae **Tsnum:** 83174  
**Common Name:** Regent Serviceberry  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C1, C0

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval to round, multistem  
**Plant Height:** 8-14 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 4/23/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/14/2013  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** yellow, rose, red

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**Scientific Name:** Amelanchier x grandiflora **Variety:** -0-  
**Cultivar:** Cole **Family:** Rosaceae **Tsnum:** 92057  
**Common Name:** Cole Serviceberry  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** B1

**Observation Date of Plant:** 9/28/2015  
**Plant Habit:** Upright oval to round  
**Plant Height:** 8 - 10 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No

**Comments on plant:** Has a bad lean to it. Some suckering. Would probably have better vigor in a area with abundant moisture. Entire tree is moderately chlorotic.

**Observation Date of Flowers:** 4/21/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** orange, red to purple-green

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**Scientific Name:** Amelanchier x grandiflora      **Variety:**  
**Cultivar:** Forest Prince      **Family:** Rosaceae      **Tsnum:** 04003  
**Common Name:** Forest Prince Serviceberry  
**Source:** Carlton Plants      **Quantity observed:** 2      **Location:** SC10-3,4

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 6-10 ft.  
**Plant Width:** 5-7 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Minor suckering

**Recommended:** Marginal

**Comments on plant:** Vigor and canopy is weak from unknown cause but one of two trees may be showing signs of increased vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Amelanchier x grandiflora **Variety:** -0-  
**Cultivar:** Robin Hill **Family:** Rosaceae **Tsnum:** 86109  
**Common Name:** Robin Hill Apple Serviceberry  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** B1

**Observation Date of Plant:** 9/28/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 8 - 12 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair to poor  
**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** No

**Comments on plant:** Vigor is low, tree is leaning, growing one sided from unknown cause.

**Observation Date of Flowers:** 4/11/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/6/2008

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** bright red, orange





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**Scientific Name:** Amorpha canescens **Variety:** -0-  
**Cultivar:** -0- **Family:** Leguminosae **Tsnum:** 85063  
**Common Name:** Lead Plant  
**Source:** Denver Botanic Gardens **Quantity observed:** 2 **Location:** F7, E7

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 3 - 5 ft.

**Plant Width:** 4-7 ft.

**Current Seasons Growth:** 2 - 4 ft.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** 5/23/06: 60-80% dead during winter of -16F. In 2010 it seemed to have survived a similar winter without significant dieback. One plant is lodging - not the best growth habit but foliage is attractive.

**Observation Date of Flowers:** 7/15/2003

**Flower Color:** Purple

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Amorpha fruticosa *Variety:*  
*Cultivar:* *Family:* Fabaceae *Tsnum:* 97248  
*Common Name:* Indigobush Amorpha  
*Source:* Fort Collins Nursery *Quantity observed:* 2 *Location:* G1

*Observation Date of Plant:* 9/14/2015  
*Plant Habit:* Irregular  
*Plant Height:* 3 ft.  
*Plant Width:* 3-5 ft  
*Current Seasons Growth:* 1 - 3 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, xeriscape, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Rejuvenated in 2009.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** Amorpha fruticosa **Variety:** -0-  
**Cultivar:** -0- **Family:** Leguminosae **Tsnum:** 78142  
**Common Name:** Bastard Indigo  
**Source:** USDA/NC-7 **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 8/29/2016  
**Plant Habit:** Irregular  
**Plant Height:** 7-9 ft.  
**Plant Width:** 7-11 ft  
**Current Seasons Growth:** 1 - 3 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Growth habit is very open and floppy.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Arctostaphylos x coloradoensis      **Variety:**  
**Cultivar:** Chieftain      **Family:** Ericaceae      **Tsnum:** 14103  
**Common Name:** Chieftain Manzanita  
**Source:** Garden and Home Show      **Quantity observed:** 1      **Location:** G0

**Observation Date of Plant:** 9/16/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 12 in.  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Shrub border, native planting

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Arctostaphylos x coloradoensis      **Variety:**  
**Cultivar:** Panchito      **Family:** Ericaceae      **Tsnum:** 14104  
**Common Name:** Panchito Manzanita  
**Source:** Garden and Home Show      **Quantity observed:** 1      **Location:** G0

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Spreading

**Plant Height:** 6-8 in.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, native planting

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Aronia arbutifolia **Variety:**  
**Cultivar:** PI 658641 **Family:** Rosaceae **Tsnum:** 11004  
**Common Name:** Red Chokeberry  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** B1

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Upright oval

**Plant Height:** 3-5 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border, wildlife

**Overall Plant Health:** Poor to fair

**Fruit Present:** Few

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Possibly browsed by deer.

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2013. Most look leggy and lack vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Aronia melanocarpa **Variety:**  
**Cultivar:** McKenzie **Family:** Rosaceae **Tsnum:** 15101  
**Common Name:** McKenzie Black Chokeberry  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** B1

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Aronia melanocarpa **Variety:**  
**Cultivar:** Viking **Family:** Rosaceae **Tsnum:** 97012  
**Common Name:** Viking Chokeberry  
**Source:** Sjulín Nurseries **Quantity observed:** 1 **Location:** A1

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 6-8 ft.  
**Plant Width:** 6-9 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Moderate fruit  
**Fruit Color:** Black  
**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Fruit is 1/4" and very plump. Plant has mild chlorosis possibly due to inadequate irrigation at edge of arboretum.

**Observation Date of Flowers:** 5/8/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Aronia melanocarpa elata                                  **Variety:** elata  
**Cultivar:** -0-                                  **Family:** Rosaceae                                  **Tsnum:** 86103  
**Common Name:** Glossy Black Chokeberry  
**Source:** Jewell Nursery, Inc.                                  **Quantity observed:** 1   **Location:** A1

**Observation Date of Plant:** 9/15/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 8-12 ft  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** good  
**Fruit Present:**  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color                                  **Date of observation:** 10/1/2011  
**Aesthetics:** Good                                  **Persistence:** 1-2 weeks  
**Fall Color:** Golden yellow

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---

**Scientific Name:** Aronia prunifolia **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 85159  
**Common Name:** Purple-fruited Chokeberry  
**Source:** Timber Creek Nursery **Quantity observed:** 1 **Location:** B1

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few fruit

**Fruit Color:** Black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Last plant is moderately chlorotic and two others have died. Most of dieback occurred around 2011 and seems to have stopped although vigor is still poor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Artemisia versicolor **Variety:**  
**Cultivar:** Sea Foam **Family:** Compositae **Tsnum:** 03164  
**Common Name:** Sea Foam Artemisia  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

**Observation Date of Plant:** 9/16/2015  
**Plant Habit:** Creeping (ground cover)  
**Plant Height:** 0.5 - 1.5 ft.  
**Plant Width:** 3 - 6 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Gray  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Ground cover, specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Berberis **Variety:**  
**Cultivar:** Golden Ruby **Family:** Berberidaceae **Tsnum:** 13037  
**Common Name:** Golden Ruby Barberry  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** C8

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Young undefined  
**Plant Height:** 6-10 in.  
**Plant Width:** 6-10 in.  
**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Red with golden edge  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** n/a  
**Comments on plant:** Just planted in 2015. Still trying to establish.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Berberis koreana **Variety:** -0-  
**Cultivar:** -0- **Family:** Berberidaceae **Tsnum:** 81251  
**Common Name:** Korean Barberry  
**Source:** Cross Nurseries Inc. **Quantity observed:** 2 **Location:** D9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Arching to irregular

**Plant Height:** 5 - 7 ft.

**Plant Width:** 6-9 ft

**Current Seasons Growth:** 1 - 3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Red, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2011 and growth habit isn't the best yet on one of two.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Berberis mentorensis *Variety:* -0-  
*Cultivar:* -0- *Family:* Berberidaceae *Tsnum:* 83202  
*Common Name:* Mentor Barberry  
*Source:* Monrovia Growers *Quantity observed:* 3 *Location:* C8, C9

*Observation Date of Plant:* 9/30/2016  
*Plant Habit:* Round to broad oval  
*Plant Height:* 5 - 7 ft.  
*Plant Width:* 7-10 ft.  
*Current Seasons Growth:* 6-10 in.

*Foliage Color:* Dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Barrier (thorns), Specimen, Shrub border

*Overall Plant Health:* Excellent  
*Fruit Present:* Few fruit  
*Fruit Color:* Green turning to red  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* fc *Date of observation:* 11/8/2016  
*Aesthetics:* Fair *Persistence:* 1-2 weeks  
*Fall Color:* Mostly yellow with minor amount of rosy

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**Scientific Name:** Berberis thunbergia **Variety:**  
**Cultivar:** Cherry Bomb **Family:** Berberidaceae **Tsnum:** 04009  
**Common Name:** Cherry Bomb Barberry  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** D9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round

**Plant Height:** 18-36 in.

**Plant Width:** 2-5 ft.

**Current Seasons Growth:** 5-8 in.

**Foliage Color:** Red outer foliage turning to green on the inner foliage

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Dark red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look better with more irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Berberis thunbergii **Variety:** -0-  
**Cultivar:** -0- **Family:** Globosa Nana Barberry **Tsnum:** 91144  
**Common Name:** 'Globosa Nana'  
**Source:** Oregon Garden Products **Quantity observed:** 2 **Location:** C8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Round to broad oval

**Plant Height:** 4-5 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate quantity but still showy.

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage is relatively smaller and more delicate looking. Growth habit is more compact and very attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fc

**Aesthetics:** Good

**Fall Color:** yellow, orange, red

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks

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**Scientific Name:** Berberis thunbergii **Variety:** -0-  
**Cultivar:** -0- **Family:** Berberidaceae **Tsnum:** 84123  
**Common Name:** Japanese Barberry  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** C9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round

**Plant Height:** 1 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit

**Fruit Color:** Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Seems to be declining. Near death.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/21/2003

**Aesthetics:** Fair

**Persistence:** 1-2 weeks

**Fall Color:** bright yellow, golden yellow

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**Scientific Name:** Berberis thunbergii **Variety:**  
**Cultivar:** Bailone **Family:** Berberidaceae **Tsnum:** 95033  
**Common Name:** Ruby Carousel Barberry  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Arching, upright oval

**Plant Height:** 3 - 5 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Red fading to green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/21/2003

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** bright pinkish red, peach/orange

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**Scientific Name:** Berberis thunbergii **Variety:**  
**Cultivar:** Baitwo **Family:** Berberidaceae **Tsnum:** 95032  
**Common Name:** Burgundy Carousel Barberry  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 3 - 4.5 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few, showy

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Canopy is a little thin. May need a fairly moist site.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Berberis thunbergii **Variety:** atropurpurea  
**Cultivar:** Crimson Pygmy **Family:** Berberidaceae **Tsnum:** 81102  
**Common Name:** Crimson Pygmy Japanese Barberry  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** C8, C9

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Broad oval

**Plant Height:** 2-3 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Red tips (on new growth) but mostly medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Dark red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice compact growth habit but not much fruit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 11/8/2016

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** red and some yellow, bright

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**Scientific Name:** Berberis thunbergii **Variety:** -0-  
**Cultivar:** Erecta **Family:** Berberidaceae **Tsnum:** 86150  
**Common Name:** Erect Japanese Barberry  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** C8

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Arching, broad oval to round  
**Plant Height:** 3 - 5 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few, showy  
**Fruit Color:** Green turning to red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Periodically needs old twigs removed.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** fc **Date of observation:** 11/8/2016  
**Aesthetics:** good **Persistence:** 1-2 weeks  
**Fall Color:** orange/red

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**Scientific Name:** Berberis thunbergii **Variety:** atropurpurea  
**Cultivar:** Gold Ring **Family:** Berberidaceae **Tsnum:** 85095  
**Common Name:** Gold Ring Japanese Barberry  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** C9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round to irregular

**Plant Height:** 4-5 ft.

**Plant Width:** 4 - 6 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of three lacks vigor. Gold ring around leaf edge is not too obvious unless up close. Canopy is getting a little thin and leggy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Berberis thunbergii **Variety:** -0-  
**Cultivar:** Kobold **Family:** Berberidaceae **Tsnum:** 81100  
**Common Name:** Kobold Japanese Barberry  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** C8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Broad oval

**Plant Height:** 2 - 3 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 6 - 8 in.

**Foliage Color:** Medium green inner foliage with red on outer foliage.

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Fairly bright rosy red at tips.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** fc

**Aesthetics:** Good

**Fall Color:** Red, yellow

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks



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**Scientific Name:** Berberis thunbergii **Variety:**  
**Cultivar:** Maria **Family:** Berberidaceae **Tsnum:** 15074  
**Common Name:** Sunjoy Gold Pillar Barberry  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** C8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Young undefined

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 3-4 in.

**Foliage Color:** Yellow

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, barrier

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2015 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** fc

**Aesthetics:** Excellent

**Fall Color:** Rosey red

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks

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**Scientific Name:** Berberis thunbergii **Variety:** -0-  
**Cultivar:** Marshall **Family:** Berberidaceae **Tsnum:** 82099  
**Common Name:** Marshall Japanese Barberry  
**Source:** Cross Nurseries Inc. **Quantity observed:** 2 **Location:** C9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round, arching

**Plant Height:** 5- 6 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Red with more green on the inner foliage.

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Dark red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A solid performer over the years.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** dark purple

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Berberis thunbergii **Variety:**  
**Cultivar:** Monlers **Family:** Berberidaceae **Tsnum:** 15083  
**Common Name:** Gold Nugget Dwarf Japanese Barberry  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** C8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Round

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 2 in.

**Foliage Color:** Yellow

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** fc

**Aesthetics:** Good

**Fall Color:** red

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Berberis thunbergii **Variety:**  
**Cultivar:** Monry **Family:** Berberidaceae **Tsnum:** 01044  
**Common Name:** Sunsatation Barberry  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** C9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright

**Plant Height:** 1.5 - 2 ft.

**Plant Width:** 1.5 - 2 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Lighter green inner foliage with very light yellow/green (nearly white) on outer foliage

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Orange/red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Not much vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Berberis thunbergii **Variety:**  
**Cultivar:** Orange Rocket **Family:** Berberidaceae **Tsnum:** 15084  
**Common Name:** Orange Rocket Barberry  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** C8

**Observation Date of Plant:** 9/20/2015

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2015 - too soon to evaluate in 2015 but will be on rotating schedule for 2017.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Berberis thunbergii **Variety:** -0-  
**Cultivar:** Red Chief **Family:** Berberidaceae **Tsnum:** 91145  
**Common Name:** Red Chief Barberry  
**Source:** Oregon Garden Products **Quantity observed:** 3 **Location:** C9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright, arching

**Plant Height:** 5-6 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage has a relatively narrower shape than most Berberis with a finer appearance.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/9/2003

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** bright red w/ red-purple

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Berberis thunbergii **Variety:** atropurpurea  
**Cultivar:** Rose Glow **Family:** Berberidaceae **Tsnum:** 81101  
**Common Name:** Rose Glow Japanese Barberry  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** C8, C9

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Round

**Plant Height:** 4-6 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Variegated slightly with lighter red markings, predominantly red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage is red with some variegation which is nice when viewed up close.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** fc

**Aesthetics:** fair

**Fall Color:** red

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Berberis thunbergii **Variety:** -0-  
**Cultivar:** True Hedge **Family:** Berberidaceae **Tsnum:** 92261  
**Common Name:** True Hedge Japanese Barberry  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** C8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright, arching

**Plant Height:** 4-5 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Berberis x **Variety:**  
**Cultivar:** Concorde **Family:** Berberidaceae **Tsnum:** 02048  
**Common Name:** Concorde Barberrry  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round

**Plant Height:** 2 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Predominantly red fading to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Still fairly small but the plant is starting to show good health and better vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Berberis x **Variety:** -0-  
**Cultivar:** Emerald Carrousel **Family:** Berberidacea **Tsnum:** 90049  
**Common Name:** Emerald Carrousel Barberry  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round to broad oval

**Plant Height:** 5 - 7 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Excellent

**Fruit Present:** Abundant, very showy

**Fruit Color:** Green turning to red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Showy flowers in spring and very showy fruit in fall and winter. One of the best looking plants in the arboretum.

**Observation Date of Flowers:** 4/24/2012

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 95-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/10/2004

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** bright red, orangish pink

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---

**Scientific Name:** Berbis thunbergii **Variety:**  
**Cultivar:** Helmond Pillar **Family:** Berberidaceae **Tsnum:** 06070  
**Common Name:** Helmond Pillar Barberry  
**Source:** Carlton Plants **Quantity observed:** 3 **Location:** C8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Columnar

**Plant Height:** 3-4 ft.

**Plant Width:** 12-24 in.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark red and dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, hedge, barrier

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Vigor possibly would improve in irrigated landscape.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Betula papyrifera **Variety:** -0-  
**Cultivar:** -0- **Family:** Betulaceae **Tsnum:** 78048  
**Common Name:** Paper Birch  
**Source:** Alaska Plant Material Center **Quantity observed:** 2 **Location:** E5

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Upright oval to round  
**Plant Height:** 25-35 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** Abundant fruiting  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** One of two trees is a little crowded and could use more irrigation.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/6/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Betula papyrifera **Variety:**  
**Cultivar:** Varen **Family:** Betulaceae **Tsnum:** 03020  
**Common Name:** Paper Birch  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** E2, E3

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval

**Plant Height:** 18-25 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 18-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, large shade tree, moist areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** golden yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Betula platyphylla **Variety:**  
**Cultivar:** Fargo **Family:** Betulaceae **Tsnum:** 15053  
**Common Name:** Dakota Pinnacle Birch  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC08-06

**Observation Date of Plant:** 8/16/2016

**Plant Habit:** Upright oval

**Plant Height:** 6-8 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shade tree, wet area

**Overall Plant Health:** Good

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Betula utilis **Variety:**  
**Cultivar:** Madison **Family:** Betulaceae **Tsnum:** 07051  
**Common Name:** White Satin Birch  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F4

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 20-25 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** yes  
**Comments on plant:** Planted in arboretum in 2009.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Betula x  
**Cultivar:** Crimson Frost      **Family:** Betulaceae      **Variety:**  
**Common Name:** Crimson Frost Birch      **Tsnum:** 96133  
**Source:** Schichtel's Nursery      **Quantity observed:** 1      **Location:** CFA

**Observation Date of Plant:** 10/1/2016

**Plant Habit:** Weeping

**Plant Height:** 25-30 ft.

**Plant Width:** 12-17 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Dark purple

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** borers

**Pest Severity:** Minor injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Lost two other trees in areas not as moist as the perennial garden probably because it gets more irrigation during the winter. Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Betula x **Variety:** -0-  
**Cultivar:** Rockimon **Family:** Betulaceae **Tsnum:** 90024  
**Common Name:** Rocky Mountain Splendor Birch  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E5

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 25-35 ft.  
**Plant Width:** 18-25 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** pale golden yellow

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*Scientific Name:* Buddleia alternifolia *Variety:*  
*Cultivar:* *Family:* Loganiaceae *Tsnum:* 97243  
*Common Name:* Fountain Butterfly Bush  
*Source:* Fort Collins Nursery *Quantity observed:* 1 *Location:* G0

*Observation Date of Plant:* 9/14/2015  
*Plant Habit:* Broad oval  
*Plant Height:* 5-6 ft.  
*Plant Width:* 7-10 ft.  
*Current Seasons Growth:* 1 - 2 ft.

*Foliage Color:* Gray/green  
*Bark Characteristics:* Not very important  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Excellent  
*Landscape Uses:* Specimen, xeriscape, shrub border

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Doesn't look too good after flowering but eventually recovers good aesthetics.

*Observation Date of Flowers:* 6/1/2006

*Flower Color:* Lavender

*Flower Type:* Cluster

*Flower Effect:* Excellent

*% of Flower Coverage:* 75-85%

*Bloom Stage:* Flowers open

*Comments on Flowers:* Not fragrant.

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Buxus **Variety:**  
**Cultivar:** Green Mountain **Family:** Buxaceae **Tsnum:** 98086  
**Common Name:** Green Mountain Boxwood  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** CFA

**Observation Date of Plant:** 10/1/2016

**Plant Habit:** Upright oval

**Plant Height:** 3-4.5 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 3 - 6 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Turned reddish/brown/bronze in winter mostly on sunny southwest side. Moved in fall 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/21/2003

**Aesthetics:** Fair

**Persistence:** 1-2 weeks

**Fall Color:** burnt orange, deep rust

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*Scientific Name:* Buxus microphylla *Variety:* koreana  
*Cultivar:* -0- *Family:* Buxaceae *Tsnum:* 81194  
*Common Name:* Korean Boxwood  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* CFA

*Observation Date of Plant:* 10/1/2016  
*Plant Habit:* Upright oval becoming round  
*Plant Height:* 3-4 ft.  
*Plant Width:* 3-5 ft.  
*Current Seasons Growth:* 3-5 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Hedge, specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None

*Fruit Color:*  
*Insect Pests:*

*Pest Severity:*  
*Plant Disease:*

*Disease Severity:*  
*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* This plant may need more sun - growth habit is becoming too open. Moved in fall 2016 due to unavoidable construction.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Buxus microphylla **Variety:**  
**Cultivar:** Julia Jane **Family:** Buxaceae **Tsnum:** 97258  
**Common Name:** Julia Jane Boxwood  
**Source:** Fort Collins Nursery **Quantity observed:** 2 **Location:** G2

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 3-4.5 ft.

**Plant Width:** 3-4.5 ft.

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** January 2006 - foliage is still a good dark green color.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Buxus microphylla **Variety:** -0-  
**Cultivar:** Wintergreen **Family:** Buxaceae **Tsnum:** 90043  
**Common Name:** Wintergreen Boxwood  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** CFA

**Observation Date of Plant:** 10/1/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 1-2 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 3-5 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Plants in more sun have better growth habit. Moved in fall 2016 due to unavoidable construction.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Buxus microphylla **Variety:** koreana  
**Cultivar:** Wintergreen **Family:** Buxaceae **Tsnum:** 85145  
**Common Name:** Wintergreen Boxwood  
**Source:** Synnestvedt Nursery **Quantity observed:** 2 **Location:** CFA

**Observation Date of Plant:** 6/1/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 2-3 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 2-3 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Hedge, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks okay but foliage is not as shiny and attractive as some other cultivars.  
Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Buxus microphylla asiaticum *Variety:*  
*Cultivar:* Gregem *Family:* Buxaceae *Tsnum:* 08124  
*Common Name:* Baby Gem Boxwood  
*Source:* Greenleaf Nursery Co. *Quantity observed:* 1 *Location:* CFA

*Observation Date of Plant:* 6/5/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 3-4.5 ft.  
*Plant Width:* 3-4.5 ft.  
*Current Seasons Growth:* 4-8 in.

*Foliage Color:* Dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2008. Has much more vigor than the other Buxus in the collection.  
Moved in fall of 2016 due to unavoidable construction.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

**Scientific Name:** Buxus x **Variety:** -0-  
**Cultivar:** Green Velvet **Family:** Buxaceae **Tsnum:** 92125  
**Common Name:** Green Velvet Boxwood  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** CFA

**Observation Date of Plant:** 10/1/2016

**Plant Habit:** Broad oval, irregular

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is a little more open than most. Moved in fall 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Caragana arborescens **Variety:** -0-  
**Cultivar:** -0- **Family:** Verbenaceae **Tsnum:** 78145  
**Common Name:** Siberian Peashrub  
**Source:** USDA/NC-7 **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 8/29/2016  
**Plant Habit:** Broad oval or irregular  
**Plant Height:** 9-12 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Too big for most landscapes.

**Observation Date of Flowers:** 5/15/2006

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 26-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Only flowering on inner half of the plant.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/20/2004

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Caragana arborescens **Variety:**  
**Cultivar:** Walker **Family:** Leguminosae **Tsnum:** 94042  
**Common Name:** Walker Weeping Caragana  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** E7

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Weeping

**Plant Height:** 3 - 4.5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Minor suckering

**Recommended:** Marginal

**Comments on plant:** Horizontal part of top branches appear to have problems with sun scald or hail.  
Decay is moving into wounds.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Caragana frutex **Variety:** -0-  
**Cultivar:** -0- **Family:** Leguminosae **Tsnum:** 89145  
**Common Name:** Russian Peashrub  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** E8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 5-9 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border, barrier

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of three was rejuvenated and has come back like a thicket - better vigor but not too attractive.

**Observation Date of Flowers:** 5/15/2006

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Caragana frutex **Variety:** -0-  
**Cultivar:** -0- **Family:** Fabaceae **Tsnum:** 93118  
**Common Name:** Russian Peashrub  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** E8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright oval

**Plant Height:** 3-4 ft

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 2-6 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Lacks vigor otherwise would probably look better.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Caragana maximowicziana *Variety:* -0-  
*Cultivar:* -0- *Family:* Leguminosae *Tsnum:* 78146  
*Common Name:* Maximowicz Peashrub  
*Source:* USDA/NC-7 *Quantity observed:* 1 *Location:* E6

*Observation Date of Plant:* 9/26/2016  
*Plant Habit:* Broad oval  
*Plant Height:* 3-4 ft.  
*Plant Width:* 8-12 ft  
*Current Seasons Growth:* 1 - 2 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Barrier, Specimen, xeriscape, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes

*Comments on plant:* Attractive fine foliage. Rejuvenated in 2009. Nice dense growth habit.

*Observation Date of Flowers:* 5/22/2006  
*Flower Color:* Yellow  
*Flower Type:* Cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 60-70%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 9/20/2004  
*Aesthetics:* Fair *Persistence:* 2-4 weeks  
*Fall Color:* Yellow

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---

**Scientific Name:** Caragana rosea **Variety:**  
**Cultivar:** **Family:** Fabaceae **Tsnum:** 00054  
**Common Name:** Red Pea Shrub  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** E7,E8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Never has been very attractive even with flowers. One plant has poor vigor from unknown cause.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Yellow with blush of maroon

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Maroon in color on outside of throat. Not enough flowers or color to be as showy as the typical Caragana.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/10/2004

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Yellow

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---

**Scientific Name:** Carpinus **Variety:**  
**Cultivar:** Frans Fontaine **Family:** Betulaceae **Tsnum:** 13021  
**Common Name:** Frans Fontaine European Hornbeam  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** F5

**Observation Date of Plant:** 9/9/2015

**Plant Habit:** Columnar

**Plant Height:** 7-9 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, narrow confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Carpinus betulus **Variety:**  
**Cultivar:** **Family:** Betulaceae **Tsnum:** 04036  
**Common Name:** European Hornbeam  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular, multistem

**Plant Height:** 8-10 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit deformed by earlier canker and subsequent pruning.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Carpinus betulus **Variety:**  
**Cultivar:** Pendula **Family:** Betulaceae **Tsnum:** 03003  
**Common Name:** Weeping European Hornbeam  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** D5

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Round, slightly weeping  
**Plant Height:** 7-9 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Canopy died back 50% during first winter when temperature reached -16F. No significant dieback since then. Doesn't seem to be weeping much.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Carpinus caroliniana *Variety:* -0-  
*Cultivar:* -0- *Family:* Betulaceae *Tsnum:* 87098  
*Common Name:* American Hornbeam  
*Source:* Carlton Plants *Quantity observed:* 3 *Location:* E5, F5

*Observation Date of Plant:* 10/9/2015  
*Plant Habit:* Round  
*Plant Height:* 15-20 ft.  
*Plant Width:* 20-25 ft.  
*Current Seasons Growth:* 6 - 10 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, small/confined areas

*Overall Plant Health:* Good  
*Fruit Present:* Showy, interesting shape  
*Fruit Color:* Tan  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Nice shape and controlled growth. Growth habit may be wider if not crowded by neighboring plants.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 10/6/2008  
*Aesthetics:* Good *Persistence:* 1-2 weeks  
*Fall Color:* Mostly yellow, some red

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---

**Scientific Name:** Carpinus caroliniana **Variety:**  
**Cultivar:** CCSQU **Family:** Betulaceae **Tsnum:** 12030  
**Common Name:** Palisade American Hornbeam  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F4

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Columnar

**Plant Height:** 6-8 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Carpinus caroliniana **Variety:**  
**Cultivar:** Jn Select **Family:** Betulaceae **Tsnum:** 06039  
**Common Name:** American Hornbeam  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 5-6 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Lost tip of central leader from unknown cause.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/25/2015

**Aesthetics:** Very good

**Persistence:** 1-2 weeks

**Fall Color:** Yellow with rosy orange blush

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---

**Scientific Name:** *Carya glabra* **Variety:**  
**Cultivar:** **Family:** Juglandaceae **Tsnum:** 08129  
**Common Name:** Pignut Hickory  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** j00

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 5-6 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Shade tree, wildlife

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Carya laciniosa **Variety:**  
**Cultivar:** **Family:** Juglandaceae **Tsnum:** 09055  
**Common Name:** Shellbark Hickory  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** C5, SC11-04

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Young, undefined  
**Plant Height:** 3-4 ft.  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2013.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Caryopteris incana **Variety:** -0-  
**Cultivar:** -0- **Family:** Verbenaceae **Tsnum:** 83340  
**Common Name:** Bluebeard  
**Source:** Inter-State Nursery **Quantity observed:** 1 **Location:** E6, F6

**Observation Date of Plant:** 8/29/2016

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 8-10 ft

**Current Seasons Growth:** 18-24 in.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2009. Looks great on very minimal irrigation.

**Observation Date of Flowers:** 8/25/2006

**Flower Color:** Lavender/blue

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Caryopteris x clandonensis **Variety:**  
**Cultivar:** Blue Knoll **Family:** Verbenaceae **Tsnum:** 98050  
**Common Name:** Blue Knoll Bluebeard  
**Source:** Sjulín Nurseries **Quantity observed:** 1 **Location:** G6

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 7-9ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green with gray underside

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 8/25/2006

**Flower Color:** Lavender/blue

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

*Scientific Name:* Caryopteris x clandonensis *Variety:*  
*Cultivar:* Worcester Gold *Family:* Verbenaceae *Tsnum:* 97068  
*Common Name:* Worcester Gold Bluebeard  
*Source:* Bailey Nurseries *Quantity observed:* 1 *Location:* G6

*Observation Date of Plant:* 9/20/2016

*Plant Habit:* Broad oval, mounding

*Plant Height:* 3-5 ft.

*Plant Width:* 5-8 ft.

*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Yellow/green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, xeriscape, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Abundant

*Fruit Color:* Tan

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Doing well for being on the edge of the arboretum.

*Observation Date of Flowers:* 8/25/2006

*Flower Color:* Lavender/blue

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 70-80%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Catalpa ovata **Variety:** -0-  
**Cultivar:** -0- **Family:** Bignoniaceae **Tsnum:** 78147  
**Common Name:** Chinese Catalpa  
**Source:** Western Evergreen Nursery **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Upright oval to irregular  
**Plant Height:** 40-50 ft.  
**Plant Width:** 20-25 ft.  
**Current Seasons Growth:** 10-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large/shade tree

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Fruit is smaller on this tree than on Catalpa speciosa. Would probably be wider if it had more space.

**Observation Date of Flowers:** 6/19/2006  
**Flower Color:** Light Yellow  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 40-50%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Catalpa ovata **Variety:** -0-  
**Cultivar:** -0- **Family:** Bignoniaceae **Tsnum:** 85024  
**Common Name:** Chinese Catalpa  
**Source:** US Nat'l Arboretum **Quantity observed:** 2 **Location:** E1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval

**Plant Height:** 32-45 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, large/shade tree

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Canopy on one of two trees is a little one sided due to crowding.

**Observation Date of Flowers:** 6/26/2006

**Flower Color:** Light Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Catalpa speciosa **Variety:** -0-  
**Cultivar:** -0- **Family:** Bignoniaceae **Tsnum:** 78148  
**Common Name:** Northern Catalpa  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval

**Plant Height:** 45-55 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 1 - 1.5 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, large/shade tree

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 6/19/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

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---

**Scientific Name:** Catalpa speciosa **Variety:**  
**Cultivar:** Hiawatha 2 **Family:** Bignoniaceae **Tsnum:** 15064  
**Common Name:** Heartland Catalpa  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC-11-11

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 18-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Catalpa x erubescens **Variety:** japonica  
**Cultivar:** -0- **Family:** Bignoniaceae **Tsnum:** 81298  
**Common Name:** Japanese Hybrid Catalpa  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/7/2015

**Plant Habit:** Upright oval

**Plant Height:** 30-40 ft.

**Plant Width:** 15-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, large/shade tree

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 6/19/2006

**Flower Color:** Light Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Celastrus scandens **Variety:**  
**Cultivar:** Ames 27297 **Family:** Celastraceae **Tsnum:** 08065  
**Common Name:** American Bittersweet  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** CFA

**Observation Date of Plant:** 9/30/2014

**Plant Habit:** Vine

**Plant Height:** 6-8 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Trellis/screen

**Overall Plant Health:** Fair

**Fruit Present:** few

**Fruit Color:** Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Lacks vigor compared to C. 'Autumn Revolution' from Bailey Nurseries. Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Celastrus scandens **Variety:**  
**Cultivar:** Bailumn **Family:** Celastraceae **Tsnum:** 12059  
**Common Name:** Autumn Revolution American Bittersweet  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** CFA

**Observation Date of Plant:** 9/30/2014

**Plant Habit:** Vine

**Plant Height:** 5-6 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Trellis/screen

**Overall Plant Health:** Good

**Fruit Present:** Very showy, abundant

**Fruit Color:** Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Celtis **Variety:**  
**Cultivar:** JFS-KSU1 **Family:** Ulmaceae **Tsnum:** 09014  
**Common Name:** Prairie Sentinel Hackberry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G6

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 20-30 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Nipple gall  
**Pest Severity:** Severe - aesthetics affected  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Celtis **Variety:**  
**Cultivar:** Magnifica **Family:** Ulmaceae **Tsnum:** 06033  
**Common Name:** Magnifica Hackberry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-12, G6

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Street tree for urban or residential areas

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Nipple gall

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Irrigation is variable at edge of arboretum and causes some stress.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2008. Appears moderately chlorotic.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Light yellow

**Date of observation:** 9/23/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Celtis laevigata **Variety:**  
**Cultivar:** **Family:** Ulmaceae **Tsnum:** 04044  
**Common Name:** Sugar Hackberry  
**Source:** Schichtel's Nursery **Quantity observed:** 3 **Location:** SC12-12, 13, G6

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Upright oval or irregular

**Plant Height:** 12-18 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan to rich mahogany brown

**Insect Pests:** Nipple gall

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Branching habit goes every direction and they seem to lack a central leader.

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. About half of canopy died back on one tree in 2010. Other trees look okay except for leggy growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Light yellow

**Date of observation:** 10/5/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Celtis occidentalis **Variety:**  
**Cultivar:** **Family:** Ulmaceae **Tsnum:** 97060  
**Common Name:** Hackberry  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** G4, SC12-15

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Upright oval

**Plant Height:** 12-18 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. One of two trees has less vigor and is only 12 ft. tall, canopy looks full but moderately chlorotic

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Celtis occidentalis **Variety:** -0-  
**Cultivar:** -0- **Family:** Ulmaceae **Tsnum:** 78029  
**Common Name:** Common Hackberry  
**Source:** Colorado Nurseryman **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Irregular to upright oval

**Plant Height:** 40-45 ft.

**Plant Width:** 25-30 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Street tree for urban or residential areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Galls on foliage

**Pest Severity:** Moderate aesthetic problem.

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** fair to poor yellow

**Date of observation:** 10/4/2004

**Persistence:** 1-2 weeks

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**Scientific Name:** Celtis occidentalis **Variety:**  
**Cultivar:** Chicagoland **Family:** Ulmaceae **Tsnum:** 12022  
**Common Name:** Chicagoland Common Hackberry  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** SC11-07, 11-09

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 7-10 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, street tree

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:** Galls

**Pest Severity:** Minor injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Celtis occidentalis **Variety:** -0-  
**Cultivar:** Prairie Pride **Family:** Ulmaceae **Tsnum:** 85137  
**Common Name:** Prairie Pride Hackberry  
**Source:** Discover-Tree Research **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Round

**Plant Height:** 30-40 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:** Nipple galls

**Pest Severity:** Aesthetics affected

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/20/2004

**Persistence:** 2-4 weeks

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---

**Scientific Name:** Celtis occidentalis **Variety:**  
**Cultivar:** Ultra **Family:** Ulmaceae **Tsnum:** 11026  
**Common Name:** Ultra Hackberry  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** SC11-03

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, residential street

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2014. No nipple galls which is a big advantage. Poor vigor is probably due to irrigation problem during construction in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cephalanthus occidentalis **Variety:**  
**Cultivar:** **Family:** Rubiaceae **Tsnum:** 10115  
**Common Name:** Common Buttonbush  
**Source:** Plant Select DBG **Quantity observed:** 2 **Location:** E7, F7, F6

**Observation Date of Plant:** 8/31/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 3-4 ft.  
**Plant Width:** 18-36 in.  
**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Foliage is attractive. Some had about 50% dieback during first winter but has done better given more time to establish.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cercidiphyllum japonicum **Variety:**  
**Cultivar:** **Family:** Cercidiphyllaceae **Tsnum:** 98075  
**Common Name:** Katsuratree  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** E0

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 14-18 ft.

**Plant Width:** 12-16 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2003. Foliage scent makes a very unique tree for the fall.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cercidiphyllum japonicum **Variety:** -0-  
**Cultivar:** -0- **Family:** Cercidiphyllaceae **Tsnum:** 81304  
**Common Name:** Katsura Tree  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Narrow pyramidal or upright oval  
**Plant Height:** 30-40 ft.  
**Plant Width:** 20-30 ft  
**Current Seasons Growth:** 8- 12 in.

**Foliage Color:** Blue/green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Leaves smell like toasted marshmallows or brown sugar right before they drop in the fall - very unique and pleasing.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** golden yellow with red petioles

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---

**Scientific Name:** Cercidiphyllum japonicum **Variety:**  
**Cultivar:** Morioka Weeping **Family:** Cercidiphyllaceae **Tsnum:** 07040  
**Common Name:** Morioka Weeping Katsura Tree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/7/2015

**Plant Habit:** Weeping

**Plant Height:** 7-8 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2010. Has some dieback (25% of top) in the past from unknown cause but suspect canker. Trunk appears discolored along trunk.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cercis canadensis **Variety:**  
**Cultivar:** Ames 27321 **Family:** Leguminosae **Tsnum:** 07089  
**Common Name:** Ames 27321 Redbud  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D5

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Irregular, upright  
**Plant Height:** 6-9 ft.  
**Plant Width:** 8-10 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Appears to be hardy for this area.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cercis canadensis **Variety:**  
**Cultivar:** Hearts of Gold PP17740 **Family:** Fabaceae **Tsnum:** 12063  
**Common Name:** Hearts of Gold Eastern Redbud  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D5

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 5-6 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 20-30 in.

**Foliage Color:** New growth is yellow and then matures to mostly light to medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2012. May not be hardy for this area as central leader died out.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Cercis canadensis **Variety:**  
**Cultivar:** Royal White **Family:** Fabaceae **Tsnum:** 12023  
**Common Name:** Royal White Eastern Redbud  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** C5, C6, C7

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Round

**Plant Height:** 7-9 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Doesn't have any dieback from cold since planted in 2013.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cercis chinensis **Variety:**  
**Cultivar:** Avondale **Family:** Fabaceae **Tsnum:** 16005  
**Common Name:** Avondale Redbud  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** C8

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Young undefined  
**Plant Height:** 5 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, low clearance areas

**Overall Plant Health:** Good  
**Fruit Present:** none  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2016.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** fc **Date of observation:** 11/8/2016  
**Aesthetics:** fair **Persistence:** 1-2 weeks  
**Fall Color:** yellow



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---

**Scientific Name:** Cercocarpus intricatus **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 00155  
**Common Name:** Littleleaf Mountain Mahogany  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G0

**Observation Date of Plant:** 9/16/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 2 ft.  
**Plant Width:** 2-3 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Xeriscape, shrub border, native planting

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**





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---

**Scientific Name:** Cercocarpus ledifolius **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 82184  
**Common Name:** Curleaf Mountain Mahogany  
**Source:** Fort Collins Nursery **Quantity observed:** 5 **Location:** B0, G1

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Irregular, upright

**Plant Height:** 10 - 15 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, native planting, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Bark is attractive silver-gray on a mature plant when pruned into a small tree.  
Foliage is evergreen.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cercocarpus montanus **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 78019  
**Common Name:** Mountain Mahoghany  
**Source:** Los Lunas Plant Material **Quantity observed:** 3 **Location:** B0

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Irregular to broad oval

**Plant Height:** 8 - 10 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, native planting, xeriscape, shrub border

**Overall Plant Health:** Poor to fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Other plants block irrigation.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** About 30% of leaves look curled up from unknown insect damage. Looks inferior to C. ledifolius. Growth habit may have been somewhat flattened out by spring snow in 2003. Looks a little leggy. Canopy looks thin.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Chaenomeles japonica **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 82241  
**Common Name:** Japanese Flowering Quince  
**Source:** American Nursery Product/Mi **Quantity observed:** 2 **Location:** B1

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Broad oval

**Plant Height:** 8 - 12 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two was rejuvenated in 2011. Both plants have mild to moderate chlorosis.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Red/Pink

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 20-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Seems to be fewer than average flowers this year for unknown reason.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Chaenomeles japonica **Variety:**  
**Cultivar:** Cheyenne **Family:** Rosaceae **Tsnum:** 13123  
**Common Name:** Cheyenne Flowering Quince  
**Source:** Garden and Home Show **Quantity observed:** 3 **Location:** B0, B1

**Observation Date of Plant:** 9/28/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 3 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium to dark green, slight gloss  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2014 - too soon to recommend.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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*Scientific Name:* Chaenomeles japonica *Variety:*  
*Cultivar:* Cheyenne *Family:* Rosaceae *Tsnum:* 13123  
*Common Name:* Cheyenne Flowering Quince  
*Source:* Garden and Home Show *Quantity observed:* 3 *Location:* B0, B1

*Observation Date of Plant:* 9/15/2015

*Plant Habit:* Young, undefined

*Plant Height:* 3-4 ft.

*Plant Width:* 2-3 ft.

*Current Seasons Growth:* 4-8 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Marginal

*Comments on plant:* Planted in 2013. Would probably look better if it had not been forced into leaf for Garden and Home show.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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*Scientific Name:* Chamaebatiaria millefolium *Variety:*  
*Cultivar:* *Family:* Rosaceae *Tsnum:* 97267  
*Common Name:* Fernbush  
*Source:* Fort Collins Nursery *Quantity observed:* 2 *Location:* G1

*Observation Date of Plant:* 9/14/2015  
*Plant Habit:* Broad oval  
*Plant Height:* 4-5 ft.  
*Plant Width:* 6-8 ft.  
*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium to light green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Specimen, shrub border, xeriscape

*Overall Plant Health:* Good  
*Fruit Present:* Not important  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Foliage has a very unique shape and fragrant when bruised.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** Chionanthus retusus **Variety:**  
**Cultivar:** **Family:** Oleaceae **Tsnum:** 05011  
**Common Name:** Chinese Fringe Tree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A8

**Observation Date of Plant:** 9/28/2015  
**Plant Habit:** Upright irregular  
**Plant Height:** 6-8 ft.  
**Plant Width:** 6-9 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2005. One of two had central leader broken from unknown cause.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Chioranthus virginicus **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 89163  
**Common Name:** Old Man's Beard  
**Source:** Schichtel's Nursery **Quantity observed:** 3 **Location:** A7

**Observation Date of Plant:** 9/8/2015

**Plant Habit:** Upright

**Plant Height:** 6-10 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of three plants has much weaker growth. The other two aren't much better but are acceptable. May be in too much shade.

**Observation Date of Flowers:** 6/2/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Very delicate looking.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Cladrastis lutea **Variety:** -0-  
**Cultivar:** -0- **Family:** Leguminosae **Tsnum:** 86019  
**Common Name:** Yellowwood  
**Source:** Minnesota Landscape Arbore **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 35-45 ft.

**Plant Width:** 35-45 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount, not attractive

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker on one of two trees

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A nice looking tree that is under-used for this area.

**Observation Date of Flowers:** 5/24/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 85-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Long pendulous flowers are delicate and very showy.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 10/28/2008

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Cladrastis lutea **Variety:**  
**Cultivar:** Perkins Pink **Family:** Leguminosae **Tsnum:** 02023  
**Common Name:** Pink Flowering Yellowwood  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** SC9-5

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Upright oval becoming irregular  
**Plant Height:** 8-12 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Severely vandalized in 2005 - lost 50%-70% of canopy. Survivor is deformed by canker but has good vigor in 2016 although it is growing to one side and developing a severe lean.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Clematis **Variety:**  
**Cultivar:** Diamantina **Family:** Ranunculaceae **Tsnum:** 13034  
**Common Name:** Diamantina Clematis  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** CFA

**Observation Date of Plant:** 9/30/2014

**Plant Habit:** Vine

**Plant Height:** 3-4 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Trellis/screen

**Overall Plant Health:** Fair

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Too much shade

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2013 - would look better in more sun. Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cornus **Variety:** -0-  
**Cultivar:** Bud's Yellow **Family:** Cornaceae **Tsnum:** 92112  
**Common Name:** Bud's Yellow Dogwood  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** AA13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 4-5 ft.

**Plant Width:** 4-6 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Minor injury

**Cultural Problems:** Getting too much shade from nearby plants.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Would look better with full sun.

**Observation Date of Flowers:** 6/2/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cornus alba **Variety:** -0-  
**Cultivar:** Sibirica **Family:** Cornaceae **Tsnum:** 93087  
**Common Name:** Siberian Dogwood  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** AA13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Irregular

**Plant Height:** 8-10 ft.

**Plant Width:** 10-12 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, erosion control

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Minor injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow/cream

**Date of observation:** 10/19/2004

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Cornus alternifolia **Variety:** -0-  
**Cultivar:** -0- **Family:** Cornaceae **Tsnum:** 81151  
**Common Name:** Pagoda Dogwood  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** A13, A14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval or round  
**Plant Height:** 8-10 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Dark blue

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Branching habit is very interesting after the leaves drop. One of two plants has canker affecting about 10% of canopy top and decreasing overall appearance.

**Observation Date of Flowers:** 5/31/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-85%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/6/2008

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Mostly dark purple/red with some rose/r

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---

**Scientific Name:** Cornus alternifolia **Variety:**  
**Cultivar:** W. Stackman **Family:** Cornaceae **Tsnum:** 08123  
**Common Name:** Golden Shadows Dogwood  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** AA11

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright, irregular  
**Plant Height:** 3-4 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Variegated, medium green and white  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Yes  
**Comments on plant:** Slow to gain vigor but may have turned corner in 2016. Planted in 2009.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Cornus amomum obliqua *Variety:*  
*Cultivar:* *Family:* Cornaceae *Tsnum:* 98066  
*Common Name:* Pale Dogwood  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 2 *Location:* A11, AA12

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Broad oval

*Plant Height:* 5-6 ft.

*Plant Width:* 10-15 ft.

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* No fruit

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* One of two plants is in part shade and only looks fair.

*Observation Date of Flowers:* 6/5/2006

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 40-50%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Cornus amomum **Variety:** -0-  
**Cultivar:** -0- **Family:** Cornaceae **Tsnum:** 78010  
**Common Name:** Silky Dogwood  
**Source:** Rose Lake Plant Material **Quantity observed:** 2 **Location:** A14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 7-9 ft.

**Plant Width:** 12-18 ft

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** Few fruit

**Fruit Color:** Dark blue

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Planted at edge of arboretum where irrigation is less uniform.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two plants is in too much shade and only looks fair and is 1/3 the size of the other.

**Observation Date of Flowers:** 6/18/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Cornus controversa **Variety:**  
**Cultivar:** June Snow **Family:** Cornaceae **Tsnum:** 03017  
**Common Name:** June Snow Dogwood  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** AA13, CFA

**Observation Date of Plant:** 8/30/2015

**Plant Habit:** Broad oval

**Plant Height:** 10-15 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen

**Overall Plant Health:** Good to fair

**Fruit Present:** Few fruit

**Fruit Color:** Green turning to black/purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate - pruned out 15-20% of canopy on one tree

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice growth habit, structure. New foliage emerges in shapes similar to tongues of fire and is very interesting by itself. Tolerant of drier conditions on edge of arboretum. Fall color was dark red on half of foliage and contrasted nicely with

**Observation Date of Flowers:** 5/22/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers accentuate branching structure.

**Fall Color or Fruit:** Fall color

**Date of observation:** 9/18/2007

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Dark red/maroon

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**Scientific Name:** Cornus drummondii **Variety:** -0-  
**Cultivar:** -0- **Family:** Cornaceae **Tsnum:** 88109  
**Common Name:** Dogwood  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** AA13, A13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 10-14 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** White

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would look better if they had more space.

**Observation Date of Flowers:** 6/19/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cornus drumondii **Variety:**  
**Cultivar:** **Family:** Cornaceae **Tsnum:** 03150  
**Common Name:** Dogwood  
**Source:** Texas **Quantity observed:** 1 **Location:** AA13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 5-6 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** White  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Planted at edge of arboretum where irrigation is less uniform.  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Not very bushy - would look better in full sun.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Cornus hesseyii **Variety:**  
**Cultivar:** Golden Glow **Family:** Cornaceae **Tsnum:** 08126  
**Common Name:** Golden Glow Dogwood  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** AA11

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 5-7 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 18-24 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Blue shades on white  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2009.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Cornus kousa **Variety:**  
**Cultivar:** Samzam **Family:** Cornaceae **Tsnum:** 11012  
**Common Name:** Samaritan Dogwood  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 5-7 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 2-6 in.

**Foliage Color:** Medium green with white margins, variegated  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Planted at edge of arboretum where irrigation is less uniform.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Would probably look better with better irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cornus mas **Variety:**  
**Cultivar:** 25499 **Family:** Cornaceae **Tsnum:** 03025  
**Common Name:** Cornelian Cherry Dogwood  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** B14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright, irregular  
**Plant Height:** 5-9 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Looks healthy but maybe in too much shade to set fruit. Plant in more sun is twice as big as other two. None have a very attractive growth habit.

**Observation Date of Flowers:** 3/18/2012

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** No flowers in 2012.

**% of Flower Coverage:** No flowers in 2012.

**Bloom Stage:** No flowers in 2012.

**Comments on Flowers:** No flowers in 2012.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cornus mas **Variety:** -0-  
**Cultivar:** Golden Glory **Family:** Cornaceae **Tsnum:** 86153  
**Common Name:** Golden Glory Corneliancherry Dogwood  
**Source:** Synnestvedt Nursery **Quantity observed:** 3 **Location:** B14, A14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round

**Plant Height:** 8-10 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good to fair

**Fruit Present:** Few fruit

**Fruit Color:** Bright red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Two of three are getting too much shade from surrounding plants which is reducing vigor and height.

**Observation Date of Flowers:** 3/21/2013

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Plants in shade have few flowers.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**





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**Scientific Name:** Cornus pumila **Variety:**  
**Cultivar:** **Family:** Cornaceae **Tsnum:** 98067  
**Common Name:** Dogwood  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A11, AA12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval to irregular  
**Plant Height:** 4-7 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** One of two plants looks weak but second looks good.

**Observation Date of Flowers:** 6/19/2006

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:** No signs of flowers in 2006.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cornus racemosa **Variety:** -0-  
**Cultivar:** -0- **Family:** Cornaceae **Tsnum:** 91113  
**Common Name:** Gray Dogwood  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** AA14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Abundant fruit  
**Fruit Color:** White  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal

**Comments on plant:** Tree form has severe suckering and needs frequent pruning. Better grown as a shrub.

**Observation Date of Flowers:** 6/5/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 50-70%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Cornus racemosa **Variety:** -0-  
**Cultivar:** -0- **Family:** Cornaceae **Tsnum:** 80398  
**Common Name:** Gray Dogwood  
**Source:** Unknown **Quantity observed:** 2 **Location:** A14

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 10-15 ft  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Moderate amount  
**Fruit Color:** Dark blue

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Use only in shrub form - tree form has severe suckering.

**Observation Date of Flowers:** 6/13/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 50-70%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** One of the showier dogwoods for this area.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cornus racemosa **Variety:**  
**Cultivar:** Emerald **Family:** Cornaceae **Tsnum:** 98078  
**Common Name:** Snow Cap Gray Dogwood  
**Source:** North Dakota State University **Quantity observed:** 2 **Location:** AA12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round

**Plant Height:** 5-7 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Dark green, glossy

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant; stems on fruit are a beautiful cherry red that are showy even when the fruit

**Fruit Color:** White

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Inadequate irrigation system.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Impressive uniform growth habit.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cornus sanguinea **Variety:**  
**Cultivar:** 25500 **Family:** Cornaceae **Tsnum:** 02032  
**Common Name:** Blood-twigg Dogwood  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** AA13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 8-12 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Two plants are getting too much shade from nearby tree but third looks good.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2003.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cornus sanguinea **Variety:**  
**Cultivar:** 25501 **Family:** Cornaceae **Tsnum:** 02033  
**Common Name:** Blood-twigg Dogwood  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** AA13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 8-10 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Black  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Has some leaf scorch probably from inadequate irrigation at edge of arboretum. May be wider but crowding from nearby plants.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Cornus sericea **Variety:** sericea  
**Cultivar:** Bud's Yellow **Family:** Cornaceae **Tsnum:** 99026  
**Common Name:** Bud's Yellow Dogwood  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A11, AA12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 5-7 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Plant in full sun looks much better than the two in part shade.

**Observation Date of Flowers:** 5/15/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cornus sericea **Variety:** -0-  
**Cultivar:** Cardinal **Family:** Cornaceae **Tsnum:** 87092  
**Common Name:** Cardinal Redosier Dogwood  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** AA14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 6 - 8 ft.

**Plant Width:** 10-14 ft

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, erosion control

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** White

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Will colonize an area.

**Recommended:** Yes

**Comments on plant:** Rosy color twigs are very attractive.

**Observation Date of Flowers:** 5/31/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 40-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Cornus sericea **Variety:**  
**Cultivar:** 'Flaviramea' **Family:** Cornaceae **Tsnum:** 16105  
**Common Name:** Yellow Twig Dogwood  
**Source:** Garden and Home Show **Quantity observed:** 2 **Location:** AA13

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cornus sericea **Variety:** -0-  
**Cultivar:** Isanti **Family:** Cornaceae **Tsnum:** 80037  
**Common Name:** Isanti Redosier Dogwood  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** A14

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Mounding to broad oval

**Plant Height:** 2-3 ft.

**Plant Width:** 5-6 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border, erosion control

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:** White

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Irrigation at edge of arboretum is non-uniform.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Will colonize surrounding area if given the chance. Rejuvenated in 2016.

**Observation Date of Flowers:** 6/2/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cornus sericea sericea **Variety:**  
**Cultivar:** Ruby **Family:** Cornaceae **Tsnum:** 97080  
**Common Name:** Redosier Dogwood  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A11

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 4-6 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Aphids  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 5/31/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 40-50%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Cornus stolonifera

*Variety:*

*Cultivar:* Farrow

*Family:* Cornaceae

*Tsnum:* 14153

*Common Name:* Arctic Fire Dogwood

*Source:* Bailey Nurseries

*Quantity observed:*

1 *Location:* AA11

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Round

*Plant Height:* 3 ft.

*Plant Width:* 3 ft.

*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Important

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Shrub border, native planting

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2016.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Cornus stolonifolia

**Variety:**

**Cultivar:** Artic Fire

**Family:** Cornaceae

**Tsnum:** 05083

**Common Name:** Arctic Fire Dogwood

**Source:** Proven Winners

**Quantity observed:**

**1 Location:** AA11

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round

**Plant Height:** 5-6 ft.

**Plant Width:** 5-6 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. Compact growth habit is better than most Cornus.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Corylus americana **Variety:** -0-  
**Cultivar:** -0- **Family:** Betulaceae **Tsnum:** 78149  
**Common Name:** American Filbert  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** E5

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 20-25 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shrub border, possibly a small multi-stem tree

**Overall Plant Health:** Fair

**Fruit Present:** Some but squirrels got to it earlier.

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Not a plant for most landscapes due to size. 25% of canopy is dying.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Corylus americana **Variety:**  
**Cultivar:** Sun Harvest **Family:** Betulaceae **Tsnum:** 10023  
**Common Name:** Sun Harvest American Filbert  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** F5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Young, undefined

**Plant Height:** 1-3 ft.

**Plant Width:** 1-3 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Had significant dieback from sudden severe freeze November 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Corylus avellana **Variety:** -0-  
**Cultivar:** -0- **Family:** Betulaceae **Tsnum:** 81224  
**Common Name:** European Filbert  
**Source:** Smith Nursery Co. **Quantity observed:** 1 **Location:** E5

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Round to upright oval

**Plant Height:** 18-24 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Too big for most landscapes.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Corylus colurna **Variety:**  
**Cultivar:** **Family:** Betulaceae **Tsnum:** 96134  
**Common Name:** Turkish Filbert  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** F5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval, narrow

**Plant Height:** 30-40 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** An attractive tree but a second tree suddenly died without symptoms and from unknown cause. Sudden death may be substantial reason for concern for widespread use.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cotinus coggyria **Variety:**  
**Cultivar:** Young Lady **Family:** Anacardiaceae **Tsnum:** 09065  
**Common Name:** Young Lady Smokebush  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C4

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 1-2 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. Low vigor may be due to shade from nearby trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cotinus coggygia **Variety:**  
**Cultivar:** 69997 **Family:** Anacardiaceae **Tsnum:** 02034  
**Common Name:** Smokebush  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** C4

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Irregular  
**Plant Height:** 6-8 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. One plant that seems to have been damaged by snow and lost half of canopy in 2008 is slowly regaining form.

**Observation Date of Flowers:** 7/30/2007

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:** No sign of flowers in 2007 - may be in too much shade.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cotinus coggygia **Variety:** -0-  
**Cultivar:** Nordine Red **Family:** Anacardiaceae **Tsnum:** 81190  
**Common Name:** Nordine Red Smokebush  
**Source:** Inter-State Nursery **Quantity observed:** 2 **Location:** C5

**Observation Date of Plant:** 10/6/2015  
**Plant Habit:** Irregular  
**Plant Height:** 10-15 ft.  
**Plant Width:** 20-25 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Deformed some by snow load in 2009. Plant in full sun had a lot more flowering this summer.

**Observation Date of Flowers:** 6/15/2007

**Flower Color:** Dark red

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers are a darker red and more numerous in full sun. Very showy and long lasting.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/28/2008

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Purple

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**Scientific Name:** Cotinus coggygria **Variety:**  
**Cultivar:** Pink Champagne **Family:** Anacardiaceae **Tsnum:** 98053  
**Common Name:** Pink Champagne Smoke Bush  
**Source:** Sjulín Nurseries **Quantity observed:** 1 **Location:** C5

**Observation Date of Plant:** 10/6/2015

**Plant Habit:** Irregular to broad oval

**Plant Height:** 5-6 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 6/15/2007

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:** No sign of flowers in 2007 - may be in too much shade.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/28/2003

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** orange, red, deep wine

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---

**Scientific Name:** Cotinus coggygria **Variety:** -0-  
**Cultivar:** Pink Princess **Family:** Anacardiaceae **Tsnum:** 81225  
**Common Name:** Pink Princess Smokebush  
**Source:** Smith Nursery Co. **Quantity observed:** 1 **Location:** C4

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 8 - 10 ft.

**Plant Width:** 15 - 20 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Getting a little leggy over time.

**Observation Date of Flowers:** 6/15/2007

**Flower Color:** Light pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers are smaller and more compact than Cotinus 'Nordine Red' but are still showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cotinus coggygria **Variety:** -0-  
**Cultivar:** Purple Supreme **Family:** Anacardiaceae **Tsnum:** 81191  
**Common Name:** Purple Supreme Smokebush  
**Source:** Inter-State Nursery **Quantity observed:** 1 **Location:** C4

**Observation Date of Plant:** 10/6/2015

**Plant Habit:** Irregular

**Plant Height:** 10-12 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Purple/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Does not get as purple when shaded. Getting leggy and would probably look better with pruning.

**Observation Date of Flowers:** 6/15/2007

**Flower Color:** Purple/red

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 20-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Relatively few flowers and only moderately showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Cotinus coggygia **Variety:** 0  
**Cultivar:** Velvet Cloak **Family:** Anacardiaceae **Tsnum:** 03167  
**Common Name:** Velvet Cloak Smokebush  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** C4

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval

**Plant Height:** 2-3 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Slow to gain size - possibly in too much shade.

**Observation Date of Flowers:** 6/15/2007

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:** No sign of flowers in 2007 - may be in too much shade.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Cotinus obovatus **Variety:**  
**Cultivar:** **Family:** Anacardiaceae **Tsnum:** 94043  
**Common Name:** American Smoketree  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C4

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 25-35 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium blue/green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shade

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** This specimen is growing a little one sided due to neighboring tree. Foliage shape is attractive and bark is interesting and looks a little like dripping wax.

**Observation Date of Flowers:** 6/15/2007  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**

**Comments on Flowers:** No sign of flowers in 2007 - never has been very showy compared to the bush forms.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/6/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow, some light red

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**Scientific Name:** Cotinus obovatus **Variety:**  
**Cultivar:** **Family:** Anacardiaceae **Tsnum:** 12026  
**Common Name:** American Smokebush  
**Source:** **Quantity observed:** 2 **Location:** B5, SC10-10

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 5-7 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, street tree

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. In 2014 one of two died almost to the ground from unknown cause but is coming back strong.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cotinus obovatus **Variety:**  
**Cultivar:** **Family:** Anacardiaceae **Tsnum:** 12026  
**Common Name:** American Smoketree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5, SC10-10

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 5-7 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, street tree

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. In 2014 one of two died almost to the ground from unknown cause but is coming back strong.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cotoneaster apiculatus **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 12018  
**Common Name:** Cranberry Cotoneaster  
**Source:** Forrest Keeling Nursery **Quantity observed:** 3 **Location:** A1

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Spreading

**Plant Height:** 6-12 in.

**Plant Width:** 1-3 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border, ground cover

**Overall Plant Health:** Fair

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2012. Two of three have over 50% dieback probably from sudden temperature drop last winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Cotoneaster horizontalis *Variety:*  
*Cultivar:* Variegatus *Family:* Rosaceae *Tsnum:* 15106  
*Common Name:* Northern Borders Variegated Cotoneaster  
*Source:* Greenleaf Nursery Co. *Quantity observed:* 3 *Location:*

*Observation Date of Plant:* 9/20/2015

*Plant Habit:*

*Plant Height:*

*Plant Width:*

*Current Seasons Growth:*

*Foliage Color:*

*Bark Characteristics:*

*Plant Summer Texture:*

*Aesthetic Plant Quality:*

*Landscape Uses:*

*Overall Plant Health:*

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2015 - too soon to evaluate in 2015 but will be on rotating schedule for 2017.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Cotoneaster ignavus **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 00156  
**Common Name:** Sezchuan Fire Cotoneaster  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** A0

**Observation Date of Plant:** 8/28/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 7-10 ft.

**Plant Width:** 7-11 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Needs a little pruning to keep pleasing shape.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cotoneaster ignavus      **Variety:** -0-  
**Cultivar:** -0-      **Family:** Rosaceae      **Tsnum:** 78151  
**Common Name:** Cotoneaster  
**Source:** Unknown      **Quantity observed:** 1      **Location:** A2

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Round to broad oval  
**Plant Height:** 8-12 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Dark red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Cotoneaster integerrimus **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 87093  
**Common Name:** European Cotoneaster  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** A2, B1

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 8-12 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 5/7/2003  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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---

**Scientific Name:** Cotoneaster integerrimus **Variety:** -0-  
**Cultivar:** Centennial **Family:** Rosaceae **Tsnum:** 89153  
**Common Name:** Cotoneaster  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A2, B2

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Round

**Plant Height:** 9-13 ft.

**Plant Width:** 10-14 ft

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 5/7/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Tiny flowers.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Cotoneaster lucidus **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 07073  
**Common Name:** Peking Cotoneaster  
**Source:** Carlton Plants **Quantity observed:** 3 **Location:** A1

**Observation Date of Plant:** 8/28/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 5-7 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Black  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2009.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Cotoneaster racemiliflora soongoricus      **Variety:**  
**Cultivar:**      **Family:** Rosaceae      **Tsnum:** 97255  
**Common Name:** Sungari Rockspray Cotoneaster  
**Source:** Fort Collins Nursery      **Quantity observed:** 1      **Location:** G2

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Upright oval or irregular  
**Plant Height:** 7-8 ft.  
**Plant Width:** 6 - 8 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal  
**Comments on plant:** Growth habit is a little leggy but may look better and have larger size if not crowded by neighboring plants.

**Observation Date of Flowers:** 5/7/2003  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 26-50%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color      **Date of observation:** 10/9/2003  
**Aesthetics:** Good      **Persistence:** 1-2 weeks  
**Fall Color:** dark red, dark oranges

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*Scientific Name:* Cotoneaster shansiensis *Variety:*  
*Cultivar:* Index Seminum 1241 *Family:* Rosaceae *Tsnum:* 08066  
*Common Name:* Seminum Cotoneaster  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 2 *Location:* A0

*Observation Date of Plant:* 8/28/2015  
*Plant Habit:* Broad oval  
*Plant Height:* 3-5 ft.  
*Plant Width:* 5-9 ft.  
*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* Few  
*Fruit Color:* Red  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2012.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** Crataegus **Variety:** -0-  
**Cultivar:** Crusader **Family:** Rosaceae **Tsnum:** 91133  
**Common Name:** Crusader Hawthorne  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** B1

**Observation Date of Plant:** 9/15/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 8 - 12 ft.

**Plant Width:** 8 - 12 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Suckering slightly

**Recommended:** Yes

**Comments on plant:** Severe mealy bug problem in past but was treated with Safari and looks much better in 2013.

**Observation Date of Flowers:** 5/24/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Golden yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Crataegus ambigua **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 11114  
**Common Name:** Russian Hawthorn  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** G3

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Upright oval

**Plant Height:** 10-14 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Slightly leggy growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Crataegus ambigua **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 90034  
**Common Name:** Russian Hawthorn  
**Source:** Fort Collins Nursery **Quantity observed:** 3 **Location:** A2

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 12-18 ft.

**Plant Width:** 15-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Fruit is attractive, dark red and shiny. Foliage is attractive and more finely cut than most Crataegus.

**Observation Date of Flowers:** 5/17/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Crataegus arnoldiana **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 82189  
**Common Name:** Hawthorn  
**Source:** Fort Collins Nursery **Quantity observed:** 2 **Location:** A0, B0

**Observation Date of Plant:** 8/28/2015  
**Plant Habit:** Irregular to round, multistemmed  
**Plant Height:** 15-20 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Rosy red  
**Insect Pests:** Mealy bugs  
**Pest Severity:** Slight injury  
**Plant Disease:** Sooty mold  
**Disease Severity:** Slight injury  
**Cultural Problems:**  
**Nuisances:** Slight suckering  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 5/2/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 70-80%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** golden yellow



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**Scientific Name:** Crataegus crugalli **Variety:** inermis  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 84199  
**Common Name:** Thornless Cockspur Hawthorn  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** A1

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Round or possibly pyramidal  
**Plant Height:** 14-18 ft.  
**Plant Width:** 17-25 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Green turning red  
**Insect Pests:** Mealy bugs  
**Pest Severity:** Slight injury

**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Very horizontal branching habit. Glossy foliage. Looks great on the side with more sun.

**Observation Date of Flowers:** 5/24/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 70-80%  
**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Crataegus crus-galli **Variety:** inermis  
**Cultivar:** Cruzam **Family:** Rosaceae **Tsnum:** 94044  
**Common Name:** Crusader Hawthorn  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** SC8-9, A3

**Observation Date of Plant:** 8/23/2016

**Plant Habit:** Broad spreading

**Plant Height:** 7 - 9 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit, very showy

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** One tree moved Spring of 2003.

**Observation Date of Flowers:** 5/24/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow-orange

**Date of observation:** 10/8/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Crataegus douglasii **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 90035  
**Common Name:** Black Hawthorn  
**Source:** Fort Collins Nursery **Quantity observed:** 2 **Location:** A2

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 9-15 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Red  
**Insect Pests:** Mealy bugs, aphids  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Slight suckering. Cherry red fruit is showy. One of two trees has less vigor due to mealy bugs.

**Observation Date of Flowers:** 5/17/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Poor  
**% of Flower Coverage:** 15-20%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Crataegus laevigata **Variety:** -0-  
**Cultivar:** Crimson Cloud **Family:** Rosaceae **Tsnum:** 78155  
**Common Name:** Crimson Cloud English Hawthorn  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A0

**Observation Date of Plant:** 8/27/2015

**Plant Habit:** Upright oval to irregular

**Plant Height:** 20-27 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight to moderate injury

**Plant Disease:** sooty mold

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 5/17/2006

**Flower Color:** Red

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Crataegus laevigata **Variety:** -0-  
**Cultivar:** Paul's Scarlet **Family:** Rosaceae **Tsnum:** 78213  
**Common Name:** Paul's Scarlet English Hawthorn  
**Source:** -0- **Quantity observed:** 1 **Location:** A1

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Upright oval or irregular

**Plant Height:** 20-25 ft.

**Plant Width:** 15 - 20 ft.

**Current Seasons Growth:** 1 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, wildlife

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Severe injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Tree is dying due to mealy bugs and low vigor over the past few years.

**Observation Date of Flowers:** 5/24/2006

**Flower Color:** Red

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Crataegus laevigata **Variety:** -0-  
**Cultivar:** Toba **Family:** Rosaceae **Tsnum:** 78154  
**Common Name:** Toba English Hawthorn  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A0

**Observation Date of Plant:** 8/27/2015

**Plant Habit:** Broad oval, multi-stem

**Plant Height:** 12-16 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 2-4in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor to fair

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Poor to fair

**Fruit Present:** Few fruit

**Fruit Color:** Red, showy

**Insect Pests:** Mealy bugs

**Pest Severity:** Moderate injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Showy dark red fruit. Floppy habit and many water sprouts are not attractive.  
Thin canopy probably due to shade from neighboring plants and insects.

**Observation Date of Flowers:** 5/24/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Poor

**% of Flower Coverage:** 5-10%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Crataegus lavallei *Variety:*  
*Cultivar:* *Family:* Rosaceae *Tsnum:* 95012  
*Common Name:* Lavelle Hawthorn  
*Source:* A. McGill & Son Nursery *Quantity observed:* 1 *Location:* SC8-11

*Observation Date of Plant:* 8/24/2016

*Plant Habit:* Round

*Plant Height:* 8-12 ft.

*Plant Width:* 8-12 ft.

*Current Seasons Growth:* 10-15 in.

*Foliage Color:* Dark green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen

*Overall Plant Health:* Good

*Fruit Present:* Abundant

*Fruit Color:* Just turning orange in October.

*Insect Pests:* Mealy bugs

*Pest Severity:* Slight injury

*Plant Disease:* Rust

*Disease Severity:* Slight injury

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Fruit is slow to turn color.

*Observation Date of Flowers:* 5/24/2006

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 60-75%

*Bloom Stage:* Flowers open

*Comments on Flowers:* Old, withered fruit detracts from flowers.

*Fall Color or Fruit:* Fall color

*Aesthetics:* Fair

*Fall Color:* Yellow

*Date of observation:* 10/16/2003

*Persistence:* 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Crataegus monogyna **Variety:** -0-  
**Cultivar:** Stricta **Family:** Rosaceae **Tsnum:** 84180  
**Common Name:** Pyramidal Singleseed Hawthorn  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A1

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Columnar

**Plant Height:** 15-20 ft.

**Plant Width:** 6-8 ft

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit, severe mealy bug infestation is resulting in low vigor.

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Severe injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Severe mealy bug infestation is resulting in low vigor and decline. Plants are near death but still limping along.

**Observation Date of Flowers:** 5/17/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair to good

**Fall Color:** Red, yellow

**Date of observation:** 10/14/2008

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Crataegus oxyacantha **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 95052  
**Common Name:** Crimson Cloud Hawthorn  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** SC8-12, 13

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Irregular or upright oval

**Plant Height:** 12-17 ft.

**Plant Width:** 8-12 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** Moderate amount, showy

**Fruit Color:** Bright red

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:** Sooty mold

**Disease Severity:** Minor injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Few mealy bugs in 2016 but canopy looks thin.

**Observation Date of Flowers:** 5/24/2006

**Flower Color:** Red

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations  
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*Scientific Name:* Crataegus pedicellata      *Variety:* -0-  
*Cultivar:* -0-      *Family:* Rosaceae      *Tsnum:* 77001  
*Common Name:* Hawthorn  
*Source:* Unknown      *Quantity observed:* 1      *Location:* A0

*Observation Date of Plant:* 8/28/2015  
*Plant Habit:* Round  
*Plant Height:* 15 - 20 ft.  
*Plant Width:* 20-30 ft.  
*Current Seasons Growth:* 6 - 12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, small/confined areas

*Overall Plant Health:* Good  
*Fruit Present:* Few fruit  
*Fruit Color:* Red/orange, showy  
*Insect Pests:* Mealy bugs  
*Pest Severity:* Slight injury  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:* 4/29/2006  
*Flower Color:* White  
*Flower Type:* Cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 60-80%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color      *Date of observation:* 10/6/2008  
*Aesthetics:* Good      *Persistence:* 1-2 weeks  
*Fall Color:* golden yellow

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Crataegus phaenopyrum **Variety:** -0-  
**Cultivar:** Cordata **Family:** Rosaceae **Tsnum:** 88058  
**Common Name:** Cordata Washington Hawthorn  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** A1

**Observation Date of Plant:** 8/28/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Specimen

**Overall Plant Health:** Poor  
**Fruit Present:** Many fruit  
**Fruit Color:** Still green but matures to red  
**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Has moderate chlorosis all over, low vigor and 20% dieback from unknown cause.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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**Scientific Name:** Crataegus phaenopyrum **Variety:**  
**Cultivar:** Westwood I **Family:** Rosaceae **Tsnum:** 01021  
**Common Name:** Washington Lustre Hawthorn  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A0, SC8-8

**Observation Date of Plant:** 8/23/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 12-17 ft.

**Plant Width:** 8-14 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, barrier plant

**Overall Plant Health:** Good

**Fruit Present:** Many fruit, small, attractive

**Fruit Color:** Red/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Appears resistant to mealy bugs that cause problems on many other Crataegus.  
Very attractive growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** red, dark red

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Crataegus rivularis **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 82190  
**Common Name:** Hawthorn  
**Source:** Fort Collins Nursery **Quantity observed:** 2 **Location:** A0

**Observation Date of Plant:** 8/28/2015

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier (thorns), Specimen, Small/confined areas

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Black, withered

**Insect Pests:** Mealy bugs

**Pest Severity:** Moderate injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Severe suckering

**Recommended:** Marginal

**Comments on plant:** Vigor reduced due to mealy bug infestation in past but treated with Safari in 2011 and worked well. Needs it again.

**Observation Date of Flowers:** 5/3/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow, red

**Date of observation:** 10/9/2003

**Persistence:** 1-2 weeks

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---

*Scientific Name:* Crataegus species *Variety:* -0-  
*Cultivar:* -0- *Family:* Rosaceae *Tsnum:* 82191  
*Common Name:* Hawthorn  
*Source:* Fort Collins Nursery *Quantity observed:* 1 *Location:* A0

*Observation Date of Plant:* 8/27/2015

*Plant Habit:* Round to broad oval

*Plant Height:* 15-18 ft.

*Plant Width:* 18-25 ft.

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Barrier (thorns), Specimen, Small/confined areas

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Foliage is relatively large.

*Observation Date of Flowers:* 5/2/2006

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Fair

*% of Flower Coverage:* 40-60%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Crataegus succulenta **Variety:** -0-  
**Cultivar:** Macrantha **Family:** Rosaceae **Tsnum:** 82188  
**Common Name:** Macrantha Fleshy Hawthorn  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** A0

**Observation Date of Plant:** 8/28/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier (thorns), Specimen, Small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit, bright, glossy

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 5/17/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Crataegus x mordenensis *Variety:* -0-  
*Cultivar:* Snowbird *Family:* Rosaceae *Tsnum:* 87084  
*Common Name:* Snowbird Hawthorn  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 2 *Location:* A1, A2

*Observation Date of Plant:* 8/31/2015

*Plant Habit:* Round

*Plant Height:* 15 - 20 ft.

*Plant Width:* 20-30 ft.

*Current Seasons Growth:* 3 - 6 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair

*Landscape Uses:* Specimen, small/confined areas

*Overall Plant Health:* Fair

*Fruit Present:* Few fruit

*Fruit Color:* Red

*Insect Pests:* Mealy bugs

*Pest Severity:* Moderate injury

*Plant Disease:* Rust

*Disease Severity:* Slight injury

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:* 5/8/2006

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Excellent

*% of Flower Coverage:* 80-90%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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**Scientific Name:** Cupressus arizonica **Variety:**  
**Cultivar:** **Family:** Cupressaceae **Tsnum:** 97266  
**Common Name:** Arizona Cypress  
**Source:** Fort Collins Nursery **Quantity observed:** 4 **Location:** G1, G2, perennial gard

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 15-20 ft.  
**Plant Width:** 20-28 ft.  
**Current Seasons Growth:** 15-20 in.

**Foliage Color:** Blue/green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit may be wider if not crowded by neighboring plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Cupressus bakerii *Variety:*  
*Cultivar:* *Family:* Cupressaceae *Tsnum:* 16103  
*Common Name:* Baker Cypress  
*Source:* Plant Select *Quantity observed:* 1 *Location:* F14

*Observation Date of Plant:* 10/1/2016

*Plant Habit:*

*Plant Height:*

*Plant Width:*

*Current Seasons Growth:*

*Foliage Color:*

*Bark Characteristics:*

*Plant Summer Texture:*

*Aesthetic Plant Quality:*

*Landscape Uses:*

*Overall Plant Health:*

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in Fall 2016 - unable to evaluate before winter.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Cytisus purgans **Variety:**  
**Cultivar:** **Family:** Fabaceae **Tsnum:** 11118  
**Common Name:** Spanish Gold Broom  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** G1

**Observation Date of Plant:** 9/16/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 4-5 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Shrub border, xeriscape

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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*Scientific Name:* Cytisus purgans *Variety:*  
*Cultivar:* Spanish Gold *Family:* Fabaceae *Tsnum:* 16112  
*Common Name:* Spanish Gold Broom  
*Source:* Garden and Home Show *Quantity observed:* 1 *Location:* E7

*Observation Date of Plant:* 10/1/2016

*Plant Habit:*

*Plant Height:*

*Plant Width:*

*Current Seasons Growth:*

*Foliage Color:*

*Bark Characteristics:*

*Plant Summer Texture:*

*Aesthetic Plant Quality:*

*Landscape Uses:*

*Overall Plant Health:*

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted fall of 2016 - unable to evaluate before winter.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Deutzia glabrata **Variety:**  
**Cultivar:** 70067 **Family:** Hydrangeaceae **Tsnum:** 02035  
**Common Name:** Deutzia  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** F7

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Round

**Plant Height:** 4-6 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Light to medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2005. Both plants are moderately chlorotic. Growth habit is a little leggy.

**Observation Date of Flowers:** 5/22/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair to good

**% of Flower Coverage:** 20-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Will probably have more flowers as it becomes further established.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Deutzia scabra **Variety:** -0-  
**Cultivar:** Godsall **Family:** Saxifragaceae **Tsnum:** 89123  
**Common Name:** Godsall Pink Deutzia  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** E8

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 7-9 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Two plants were rejuvenated in 2007 and came back strong. The third was done in 2009 and also has good vigor.

**Observation Date of Flowers:** 7/2/2003

**Flower Color:** Pink/White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Deutzia scabra **Variety:** -0-  
**Cultivar:** Pride of Rochester **Family:** Saxifragaceae **Tsnum:** 85169  
**Common Name:** Pride of Rochester Fuzzy Deutzia  
**Source:** Mount Arbor Nursery **Quantity observed:** 3 **Location:** F7

**Observation Date of Plant:** 8/31/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 6-8 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** One plant died back ~75% during winter of 2007-08 and was rejuvenated in 2008. The other two were done in 2009. Would look better but it often has some stems that have died back and requires regular pruning.

**Observation Date of Flowers:** 7/2/2003  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 51-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Deutzia x lemoinei **Variety:** -0-  
**Cultivar:** -0- **Family:** Saxifragaceae **Tsnum:** 83148  
**Common Name:** Slender Deutzia  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** F7

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Round

**Plant Height:** 4-7 ft.

**Plant Width:** 5-10 ft.

**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Uniform growth habit. Has slight chlorosis and some old tip dieback on one plant which is smaller.

**Observation Date of Flowers:** 5/25/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 85-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Deutzia x lemoinei **Variety:** -0-  
**Cultivar:** Compactum **Family:** Saxifragaceae **Tsnum:** 82123  
**Common Name:** Compact Lemoine Deutzia  
**Source:** Mount Arbor Nursery **Quantity observed:** 3 **Location:** E6

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Round

**Plant Height:** 6-8 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Seems to have much less tip dieback than most Deutzia.

**Observation Date of Flowers:** 5/25/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 85-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Diervilla lonicera *Variety:* -0-  
*Cultivar:* -0- *Family:* Caprifoliaceae *Tsnum:* 82228  
*Common Name:* Bush Honeysuckle  
*Source:* Cross Nurseries Inc. *Quantity observed:* 1 *Location:* A13

*Observation Date of Plant:* 9/21/2016  
*Plant Habit:* Broad oval  
*Plant Height:* 3-4 ft.  
*Plant Width:* 5-7 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Marginal  
*Comments on plant:* Some years it looks much worse.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*



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---

**Scientific Name:** Diospyros virginiana **Variety:**  
**Cultivar:** Ames 29625 **Family:** Ebenaceae **Tsnum:** 11006  
**Common Name:** Common Persimmon  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** B5, C4

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 6-8 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2013.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Elaeagnus umbellata **Variety:**  
**Cultivar:** Cardinal **Family:** Elaeagnaceae **Tsnum:** 94126  
**Common Name:** Cardinal Autumn Olive  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** G6

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Irregular to round

**Plant Height:** 8-12 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium olive green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit ,showy

**Fruit Color:** Dark red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** canker

**Disease Severity:** Killed major branch which was 15-20% of canopy in 2010. May be on verge of killi

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** It suckers. Fruit is showier than E. 'Michigan 777' .

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/20/2004

**Persistence:** 1-3 weeks

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**Scientific Name:** Elaeagnus umbellata **Variety:** -0-  
**Cultivar:** Michigan 777 **Family:** Elaeagnaceae **Tsnum:** 81195  
**Common Name:** Michigan 777 Autumn Olive  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 8/31/2016  
**Plant Habit:** Arching to broad oval  
**Plant Height:** 10 - 15 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Difficult sites, large shrub

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Dark red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** canker  
**Disease Severity:** moderate  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal

**Comments on plant:** Too large for most landscapes. Not a very showy plant. Fruit is only moderately interesting since there isn't that many of them.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Ephedra equisetiana **Variety:**  
**Cultivar:** **Family:** Ephedraceae **Tsnum:** 16111  
**Common Name:** Bluestem Joint Fir  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** E7

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted fall of 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ephedra equisetina **Variety:**  
**Cultivar:** **Family:** Ephedraceae **Tsnum:** 03160  
**Common Name:** Bluestem Joint Fir  
**Source:** Fort Collins Nursery **Quantity observed:** 3 **Location:** G2

**Observation Date of Plant:** 9/16/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 2 - 3.5 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Blue/grey  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2003. Doing fine in partial sun area but would probably be larger if planted in more sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** *Eucommia ulmoides* **Variety:**  
**Cultivar:** **Family:** *Eucommiaceae* **Tsnum:** 98023  
**Common Name:** Hardy Rubber Tree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D8, SC5-1 or 12-2?

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 12-18 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 1-2 ft

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks better than it ever has in the past. Finally looks reasonably healthy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** *Eucommia ulmoides* **Variety:**  
**Cultivar:** Emerald Point **Family:** *Eucommiaceae* **Tsnum:** 13022  
**Common Name:** Emerald Point Hardy Rubber Tree  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** B9

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** n/a  
**Comments on plant:** Planted in 2014 - too soon to recommend

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Euonymus alatus **Variety:**  
**Cultivar:** Rudy Haag **Family:** Celastraceae **Tsnum:** 00073  
**Common Name:** Rudy Haag Burning Bush  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round to upright oval

**Plant Height:** 4-5 ft.

**Plant Width:** 4-4.5 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** red, bright

**Date of observation:** 10/21/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Euonymus alatus **Variety:**  
**Cultivar:** Timber Creek **Family:** Celastraceae **Tsnum:** 02014  
**Common Name:** Chicago Fire Burning Bush  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 7-9 ft.

**Plant Width:** 8-10 ft

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant fruiting

**Fruit Color:** Orange/red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** red, bright

**Date of observation:** 10/12/2011

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Euonymus bungeana **Variety:** -0-  
**Cultivar:** North Platte **Family:** Celastraceae **Tsnum:** 77005  
**Common Name:** North Platte Winterberry Euonymus  
**Source:** Unknown **Quantity observed:** 1 **Location:** D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval, irregular

**Plant Height:** 18 - 25 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small tree or large shrub

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Light pink

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Fruit is pink and not as abundant as Euonymus 'Pink Lady'.

**Observation Date of Flowers:** 6/2/2003

**Flower Color:** Green/White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/24/2005

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** light creamy, yellow, light pink, reddish

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**Scientific Name:** Euonymus bungeana **Variety:** -0-  
**Cultivar:** Pink Lady **Family:** Celastraceae **Tsnum:** 78004  
**Common Name:** Pink Lady Winterberry Euonymus  
**Source:** Rose Lake Plant Material **Quantity observed:** 1 **Location:** E3

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval

**Plant Height:** 18-24 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Showy, abundant

**Fruit Color:** Pink/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Fruit is a very showy pink. Very attractive small tree with no problems. Lost a branch due to storm damage and growth habit is less broad than before.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** light yellow

**Date of observation:** 10/24/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Euonymus bungeana **Variety:** -0-  
**Cultivar:** Pink Lady **Family:** Celastraceae **Tsnum:** 78017  
**Common Name:** Pink Lady Winterberry Euonymus  
**Source:** Los Lunas Plant Material **Quantity observed:** 1 **Location:** E4

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Round

**Plant Height:** 12-17 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Showy, abundant

**Fruit Color:** Pink/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Fruit is a very showy pink. Very attractive small tree with no problems. One specimen seems more compact than the other specimen.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Euonymus bungeana **Variety:**  
**Cultivar:** Verona **Family:** Celastraceae **Tsnum:** 07033  
**Common Name:** Prairie Radiance Winterberry  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D3

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Broad oval or irregular  
**Plant Height:** 5-7 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 12-36 in.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large shrub

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Pink & red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2009.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Euonymus bungeana **Variety:**  
**Cultivar:** Verona **Family:** Celastraceae **Tsnum:** 98080  
**Common Name:** Autumn radiance Euonymus  
**Source:** North Dakota State University **Quantity observed:** 1 **Location:** D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Light to medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, large shrub

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Pink & red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Rosy red/yellow

**Date of observation:** 10/16/2013

**Persistence:** 1-2 weeks

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*Scientific Name:* Euonymus europaeus      *Variety:* -0-  
*Cultivar:* -0-      *Family:* Celastraceae      *Tsnum:* 77004  
*Common Name:* European Euonymus  
*Source:* Unknown      *Quantity observed:* 1      *Location:* D3

*Observation Date of Plant:* 10/8/2015  
*Plant Habit:* Irregular, upright  
*Plant Height:* 10-15 ft.  
*Plant Width:* 12-18 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair to good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* Abundant, showy  
*Fruit Color:* Red  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color      *Date of observation:* 10/28/2008  
*Aesthetics:* Good      *Persistence:* 1-2 weeks  
*Fall Color:* yellow

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**Scientific Name:** Euonymus europaeus **Variety:** -0-  
**Cultivar:** Aldenhamensis **Family:** Celastraceae **Tsnum:** 81223  
**Common Name:** Euonymus  
**Source:** Smith Nursery Co. **Quantity observed:** 3 **Location:** D3, E3

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 14-17 ft.  
**Plant Width:** 20-25 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Red, showy  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO

---

*Scientific Name:* Euonymus europaeus *Variety:* -0-  
*Cultivar:* Red Cap *Family:* Celastraceae *Tsnum:* 77002  
*Common Name:* Red Cap European Euonymus  
*Source:* Unknown *Quantity observed:* 2 *Location:* D3

*Observation Date of Plant:* 10/8/2015

*Plant Habit:* Round

*Plant Height:* 10-15 ft.

*Plant Width:* 18-24 ft.

*Current Seasons Growth:* 6-10 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Abundant

*Fruit Color:* Pink/Red

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Date of observation:* 10/9/2003

*Aesthetics:* Good

*Persistence:* 1-2 weeks

*Fall Color:* bright red, bright pink, green, purple

**2016 Woody Plant Evaluations  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Euonymus fortunei **Variety:** radicans  
**Cultivar:** Sarcoxie **Family:** Celastraceae **Tsnum:** 80167  
**Common Name:** Sarcoxie Wintercreeper Euonymus  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 5-7 ft.

**Plant Width:** 12-16 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shady areas, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit can appear leggy but would look fine with a little regular pruning each year.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

2016 Woody Plant Evaluations  
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---

*Scientific Name:* Euonymus kiautschovicus

*Variety:*

*Cultivar:* Manhattan

*Family:* Celastraceae

*Tsnum:* 15077

*Common Name:* Manhattan Euonymus

*Source:* Monrovia Growers

*Quantity observed:*

3 *Location:* D3

*Observation Date of Plant:* 10/11/2016

*Plant Habit:*

*Plant Height:*

*Plant Width:*

*Current Seasons Growth:*

*Foliage Color:*

*Bark Characteristics:*

*Plant Summer Texture:*

*Aesthetic Plant Quality:*

*Landscape Uses:*

*Overall Plant Health:*

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in fall of 2016 and unable to evaluate before winter.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Euonymus turkensis **Variety:** -0-  
**Cultivar:** Nana **Family:** Celastraceae **Tsnum:** 78159  
**Common Name:** Dwarf Turkish Euonymus  
**Source:** Unknown **Quantity observed:** 1 **Location:** D3

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 3.5-5 ft.  
**Plant Width:** 4-6 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark to medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2010. Might be larger if not crowded by neighboring plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Exochorda serratifolia **Variety:**  
**Cultivar:** Northern Pearls **Family:** Rosaceae **Tsnum:** 01038  
**Common Name:** Northern Pearls Pearlbrush  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** B6, D6

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 9-13 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2005. Flowers are impressive.

**Observation Date of Flowers:** 4/26/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 50-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Large flowers with nice shape are very showy.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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---

**Scientific Name:** Fagus sylvatica **Variety:**  
**Cultivar:** Asplenifolia **Family:** Fagaceae **Tsnum:** 04045  
**Common Name:** Fern-leaf Beech  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** B2

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 12-16 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** specimen, shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2008.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2013  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Fagus sylvatica **Variety:** -0-  
**Cultivar:** Atropurpurea **Family:** Fagaceae **Tsnum:** 82167  
**Common Name:** European Beech  
**Source:** Amfac Nurseries California **Quantity observed:** 1 **Location:** B3

**Observation Date of Plant:** 9/30/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 20-30 ft.  
**Plant Width:** 15-25 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green with shades of red/purple  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, screen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Fagus sylvatica **Variety:**  
**Cultivar:** Red Obelisk **Family:** Ericaceae **Tsnum:** 96048  
**Common Name:** Red Obelisk Beech  
**Source:** Oregon Garden Products **Quantity observed:** 1 **Location:** B2

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Columnar

**Plant Height:** 15-20 ft.

**Plant Width:** 7-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Red/dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, screen, narrow/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage is dark green with shades of dark red.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Yellow/gold

**Date of observation:** 10/28/2008

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

*Scientific Name:* Fagus sylvatica *Variety:* -0-  
*Cultivar:* Riversii *Family:* Betulaceae *Tsnum:* 78160  
*Common Name:* Rivers European Beech  
*Source:* Siebenthaler Nursery *Quantity observed:* 1 *Location:* B3

*Observation Date of Plant:* 9/30/2015

*Plant Habit:* Vase to upright oval

*Plant Height:* 35-45 ft.

*Plant Width:* 20-30 ft.

*Current Seasons Growth:* 8-12 in.

*Foliage Color:* Dark green/Purple

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, screen, narrow/confined areas

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Large, inactive canker wound has significant decay in trunk which will eventually cause structural problems.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Fagus sylvatica **Variety:** -0-  
**Cultivar:** Roseo-marginata **Family:** Fagaceae **Tsnum:** 82168  
**Common Name:** European Beech  
**Source:** Amfac Nurseries California **Quantity observed:** 3 **Location:** A2

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 25-35 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 6-12 in

**Foliage Color:** Variegated, dark green with white and green margins

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage color is stunning in spring with green, white and some pink.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/28/2008

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Mostly burnt yellow but some orange

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**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Fagus sylvatica **Variety:**  
**Cultivar:** Spaethiana **Family:** Fagaceae **Tsnum:** 95035  
**Common Name:** Spaeth's Purple Beech  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A3

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Upright oval to pyramidal  
**Plant Height:** 25-35 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green/red  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Fallugia paradoxa **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 03163  
**Common Name:** Apache Plume  
**Source:** Fort Collins Nursery **Quantity observed:** 3 **Location:** G1

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Broad oval to irregular

**Plant Height:** 3-4 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A good plant for tough sites.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Will continue to bloom throughout the summer at a slower rate but seed plumes are very showy and extend interest.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Fallugia paradoxa

**Variety:**

**Cultivar:**

**Family:** Rosaceae

**Tsnum:** 16109

**Common Name:** Apache Plume

**Source:** Garden and Home Show

**Quantity observed:**

1

**Location:** B1

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted fall of 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

*Scientific Name:* Fontanesia fortunei  
*Cultivar:* -0- *Family:* Oleaceae *Variety:* -0-  
*Common Name:* Fortune Fontanesia *Tsnum:* 88009  
*Source:* OE White Research Arboretu *Quantity observed:* 1 *Location:* A7

*Observation Date of Plant:* 9/15/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 10-14 ft.  
*Plant Width:* 10-14 ft  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair to good  
*Landscape Uses:* Shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:*  
*Aesthetics:*  
*Fall Color:*

*Date of observation:*  
*Persistence:*

**2016 Woody Plant Evaluations**  
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---

*Scientific Name:* Fontanesia fortunei *Variety:* -0-  
*Cultivar:* Titan *Family:* Oleaceae *Tsnum:* 90015  
*Common Name:* Titan Fontanesia  
*Source:* Jewell Nursery, Inc. *Quantity observed:* 2 *Location:* A6

*Observation Date of Plant:* 9/8/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 20-25 ft.  
*Plant Width:* 15-22 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Shrub border, screen

*Overall Plant Health:* Good  
*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Fine foliage and growth habit seems to give somewhat of a tropical appearance.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Forestiera neomexicana **Variety:**  
**Cultivar:** **Family:** Oleaceae **Tsnum:** 96069  
**Common Name:** Desert Olive  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A8

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Forestiera neomexicana **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 87196  
**Common Name:** Desert Olive  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A7

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright, irregular  
**Plant Height:** 10-14 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border, small tree

**Overall Plant Health:** Good  
**Fruit Present:** Abundant fruiting  
**Fruit Color:** Purple  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Has interesting bark if pruned into a small tree. Stems seem to lean outward with age.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** yellow

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Forestiera neomexicana **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 78016  
**Common Name:** Desert Olive  
**Source:** Los Lunas Plant Material **Quantity observed:** 4 **Location:** A7

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 14-20 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border, small tree

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Dark purple  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Has interesting bark if pruned into a small tree. Stems seem to lean outward with age.

**Observation Date of Flowers:** 4/26/2006  
**Flower Color:** Yellow  
**Flower Type:** Cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** No petals - just anthers, so the flower isn't too showy.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** yellow

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Forsythia **Variety:**  
**Cultivar:** Courtasol **Family:** Oleaceae **Tsnum:** 14081  
**Common Name:** Gold Tide Forsythia  
**Source:** The Conard Pyle Co. **Quantity observed:** 3 **Location:** B8

**Observation Date of Plant:** 10/11/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in fall of 2016 and unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Forsythia **Variety:**  
**Cultivar:** Fiesta **Family:** Oleaceae **Tsnum:** 03119  
**Common Name:** Fiesta Forsythia  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** B7

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Irregular  
**Plant Height:** 5-8 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 4-5 ft.

**Foliage Color:** Green/yellow variegation  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal  
**Comments on plant:** Planted in arboretum in 2004. Unique foliage color. Growth habit is very irregular possibly because of too much shade from nearby plants.

**Observation Date of Flowers:** 3/27/2012  
**Flower Color:** Yellow  
**Flower Type:** Cluster  
**Flower Effect:** Fair to poor  
**% of Flower Coverage:** 20-25%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Forsythia *Variety:* -0-  
*Cultivar:* Northern Gold *Family:* Oleaceae *Tsnum:* 87094  
*Common Name:* Northern Gold Forsythia  
*Source:* Bailey Nurseries *Quantity observed:* 3 *Location:* C8

*Observation Date of Plant:* 10/2/2015

*Plant Habit:* Irregular

*Plant Height:* 5 - 8 ft.

*Plant Width:* 10-12 ft.

*Current Seasons Growth:* 1-3 ft.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Fair

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:* 3/27/2012

*Flower Color:* yellow

*Flower Type:* Cluster

*Flower Effect:* Fair

*% of Flower Coverage:* 50-65%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

**Scientific Name:** Forsythia giraldiana **Variety:**  
**Cultivar:** Golden Times **Family:** Oleaceae **Tsnum:** 08024  
**Common Name:** Golden Times Forsythia  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** B8

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Irregular

**Plant Height:** 5-6 ft.

**Plant Width:** 4-7 ft.

**Current Seasons Growth:** 18-36 in.

**Foliage Color:** Variegated, green and yellow

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Variegated foliage helps add interest when not in flower but growth habit is still a little irregular and leggy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Forsythia mandshurica **Variety:** -0-  
**Cultivar:** Vermont Sun **Family:** Oleaceae **Tsnum:** 87197  
**Common Name:** Vermont Sun Forsythia  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** C9

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Round  
**Plant Height:** 5-6 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Foliage is much larger than most Forsythias and more round. Growth habit is less leggy than other Forsythias. Better fall color than most Forsythia.

**Observation Date of Flowers:** 3/27/2012  
**Flower Color:** yellow  
**Flower Type:** Cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 20-30%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Never has had many flowers.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/25/2013  
**Aesthetics:** Good, showy **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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---

**Scientific Name:** Forsythia ovata **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 82132  
**Common Name:** Early Forsythia  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** C7, C8

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Irregular  
**Plant Height:** 6 - 8 ft.  
**Plant Width:** 8 - 10 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Two of three have a thin canopy. Looks leggier than most.

**Observation Date of Flowers:** 3/19/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 50-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Not as showy as others.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Forsythia ovata x europaea **Variety:** -0-  
**Cultivar:** Meadowlark **Family:** Oleaceae **Tsnum:** 84226  
**Common Name:** Meadowlark Border Forsythia  
**Source:** South Dakota State Universit **Quantity observed:** 3 **Location:** C8, B8

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Irregular

**Plant Height:** 6-8 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 3/20/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Good to excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Forsythia species

**Variety:** -0-

**Cultivar:** -0-

**Family:** Oleaceae

**Tsnum:** 82222

**Common Name:** Forsythia

**Source:** USDA, Glendale, MD

**Quantity observed:** 2

**Location:** B7, C7

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Irregular

**Plant Height:** 8-10 ft.

**Plant Width:** 14-18 ft.

**Current Seasons Growth:** 4-6 ft.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Excellent

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Exceptional vigor in the past seven years. Growth habit is leggy.

**Observation Date of Flowers:** 3/26/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Forsythia spectabilis *Variety:* -0-  
*Cultivar:* Showy Border *Family:* Oleaceae *Tsnum:* 86173  
*Common Name:* Showy Border Forsythia  
*Source:* Forrest Keeling Nursery *Quantity observed:* 3 *Location:* C7, B7

*Observation Date of Plant:* 10/2/2015  
*Plant Habit:* Irregular  
*Plant Height:* 5-7 ft.  
*Plant Width:* 8 - 10 ft.  
*Current Seasons Growth:* 2-4 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:* 3/26/2012  
*Flower Color:* yellow  
*Flower Type:* Cluster  
*Flower Effect:* Good to excellent  
*% of Flower Coverage:* 80-90%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:* Relatively shorter petals but a lot of them.

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Forsythia suspensa **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 83143  
**Common Name:** Weeping Forsythia  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** C8

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Broad oval

**Plant Height:** 4-6 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Rejuvenated in 2004. Never is very showy and has a poor growth habit. Has slight chlorosis.

**Observation Date of Flowers:** 3/27/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Poor

**% of Flower Coverage:** 10-15%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Not many flowers this year and generally a poor performer in the past.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Forsythia viridissima **Variety:**  
**Cultivar:** Klein **Family:** Olaeaceae **Tsnum:** 02015  
**Common Name:** Klein Dwarf Forsythia  
**Source:** Sjulín Nurseries **Quantity observed:** 3 **Location:** C9

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Irregular  
**Plant Height:** 4-5 ft  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is somewhat more attractive than most Forsythias - less leggy with smaller foliage size.

**Observation Date of Flowers:** 3/20/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Poor to fair

**% of Flower Coverage:** 30-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Never has had many flowers. Only one of three plants has flowers.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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*Scientific Name:* Forsythia viridissima koreana

*Variety:*

*Cultivar:* Kumson

*Family:* Oleaceae

*Tsnum:* 14095

*Common Name:* Kumson Forsythia

*Source:* Garden and Home Show

*Quantity observed:*

1

*Location:* B9

*Observation Date of Plant:* 10/11/2016

*Plant Habit:*

*Plant Height:*

*Plant Width:*

*Current Seasons Growth:*

*Foliage Color:*

*Bark Characteristics:*

*Plant Summer Texture:*

*Aesthetic Plant Quality:*

*Landscape Uses:*

*Overall Plant Health:*

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in fall of 2016 and unable to evaluate before winter.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Forsythia x **Variety:**  
**Cultivar:** 7706-1 **Family:** Oleaceae **Tsnum:** 95060  
**Common Name:** 7706-1 Forsythia  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** B7

**Observation Date of Plant:** 10/1/2015  
**Plant Habit:** Irregular  
**Plant Height:** 5-7 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 1 - 3 ft.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 3/20/2012  
**Flower Color:** yellow  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 85-100%  
**Bloom Stage:** Flowers open

**Comments on Flowers:** Very dense flowering and a more vibrant color of yellow than most. One of the most dependable and showy in the arboretum.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Forsythia x *Variety:* -0-  
*Cultivar:* New Hampshire Gold *Family:* Oleaceae *Tsnum:* 89147  
*Common Name:* New Hampshire Gold Forsythia  
*Source:* Jewell Nursery, Inc. *Quantity observed:* 3 *Location:* B8

*Observation Date of Plant:* 10/2/2015  
*Plant Habit:* Irregular to broad oval  
*Plant Height:* 6-8 ft.  
*Plant Width:* 8-12ft.  
*Current Seasons Growth:* 1 - 3 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Rejuvenated in 2008. Still looks a little leggy.

*Observation Date of Flowers:* 3/20/2012

*Flower Color:* yellow

*Flower Type:* Cluster

*Flower Effect:* Excellent

*% of Flower Coverage:* 80-90%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Forsythia x **Variety:**  
**Cultivar:** Northern Sun **Family:** Oleaceae **Tsnum:** 94001  
**Common Name:** Northern Sun Forsythia  
**Source:** Sjulín Nurseries **Quantity observed:** 3 **Location:** B7

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Irregular

**Plant Height:** 6 - 8 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 1 - 3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Two of three have been rejuvenated. One still looks small and lack vigor. Second barely looks acceptable but gaining size. Third plant looks good and fairly normal.

**Observation Date of Flowers:** 3/20/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 65-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Forsythia x intermedia **Variety:** -0-  
**Cultivar:** Beatrix Ferrand **Family:** Oleaceae **Tsnum:** 84140  
**Common Name:** Beatrix Ferrand Border Forsythia  
**Source:** Mount Arbor Nursery **Quantity observed:** 3 **Location:** B8, B7

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Irregular

**Plant Height:** 6-9 ft.

**Plant Width:** 13-18 ft.

**Current Seasons Growth:** 3 - 5 ft.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2008.

**Observation Date of Flowers:** 3/20/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:** This plant might flower better in more sun.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Forsythia x intermedia **Variety:** -0-  
**Cultivar:** Golden Belle **Family:** Oleaceae **Tsnum:** 86172  
**Common Name:** Golden Belle Border Forsythia  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** B8

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Irregular

**Plant Height:** 8-12 ft.

**Plant Width:** 15 - 20 ft.

**Current Seasons Growth:** 3-5 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Exceptionally vigorous. One of two was rejuvenated in 2008.

**Observation Date of Flowers:** 3/23/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers are twice as big as most Forsythia.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Forsythia x intermedia **Variety:**  
**Cultivar:** Lynwood Gold **Family:** Oleaceae **Tsnum:** 94006  
**Common Name:** Lynwood Gold Forsythia  
**Source:** Mount Arbor Nursery **Quantity observed:** 3 **Location:** C8, C9

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Irregular or broad oval  
**Plant Height:** 8 - 12 ft.  
**Plant Width:** 12-16 ft.  
**Current Seasons Growth:** 3-4 ft.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Excellent  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Vigor is impressive. Nice dark green foliage.

**Observation Date of Flowers:** 3/27/2012  
**Flower Color:** yellow  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 95-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Large flowers with vibrant color and very abundant.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Forsythia x intermedia **Variety:** -0-  
**Cultivar:** Spring Glory **Family:** Oleaceae **Tsnum:** 83203  
**Common Name:** Spring Glory Border Forsythia  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** B8

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Irregular, upright

**Plant Height:** 4-6 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 3-5 ft.

**Foliage Color:** Dark Green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** May be getting too much shade from nearby trees.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Rejuvenated in 2008. Looks very leggy still in 2015.

**Observation Date of Flowers:** 3/23/2012

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Forsythia x intermedia **Variety:** -0-  
**Cultivar:** Sunrise **Family:** Oleaceae **Tsnum:** 82124  
**Common Name:** Sunrise Border Forsythia  
**Source:** Mount Arbor Nursery **Quantity observed:** 3 **Location:** C7

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 4-6 ft.  
**Plant Width:** 10-12 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 3/21/2012  
**Flower Color:** yellow  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 90-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Relatively shorter petals but a lot of them.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Bronze/purple

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**Scientific Name:** Fraxinus **Variety:**  
**Cultivar:** Northern Treasure **Family:** Oleaceae **Tsnum:** 00068  
**Common Name:** Northern Treasure Ash  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** B8

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 45-55 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably be wider and look better if not crowded by neighboring trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow

**Date of observation:** 9/20/2004

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Fraxinus americana **Variety:** -0-  
**Cultivar:** Autumn Applause **Family:** Oleaceae **Tsnum:** 91070  
**Common Name:** Autumn Applause White Ash  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC03-07

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 15-20 ft.  
**Plant Width:** 15 -20 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction. Canopy looks fine but canker wounds on upper main trunk killed central leader. Lower laterals are taking over. Still looks okay generally.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/20/2004  
**Aesthetics:** Excellent **Persistence:** 1-2 weeks  
**Fall Color:** purple

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---

*Scientific Name:* Fraxinus americana *Variety:* -0-  
*Cultivar:* Autumn Blaze *Family:* Oleaceae *Tsnum:* 86155  
*Common Name:* Autumn Blaze White Ash  
*Source:* Bailey Nurseries *Quantity observed:* 1 *Location:* B9

*Observation Date of Plant:* 10/2/2015

*Plant Habit:* Upright oval

*Plant Height:* 50-60 ft.

*Plant Width:* 40-50 ft.

*Current Seasons Growth:* 8-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Very nice growth habit.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Good

*Fall Color:* Yellow

*Date of observation:* 10/6/2008

*Persistence:* 1-2 weeks

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---

**Scientific Name:** Fraxinus americana **Variety:** -0-  
**Cultivar:** Autumn Purple **Family:** Oleaceae **Tsnum:** 78161  
**Common Name:** Autumn Purple White Ash  
**Source:** Milton Nursery **Quantity observed:** 1 **Location:** B8

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 50-60 ft.

**Plant Width:** 45-55 ft.

**Current Seasons Growth:** 8 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has an old canker at base of tree but doesn't appear active.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** purple, yellow

**Date of observation:** 9/23/2004

**Persistence:** 2-4 weeks

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---

**Scientific Name:** Fraxinus americana **Variety:**  
**Cultivar:** Chicago Regal **Family:** Oleaceae **Tsnum:** 96123  
**Common Name:** Chicago Regal Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC3-8

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 20-25 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction. Attractive growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** purple, rose, yellow

**Date of observation:** 10/20/2015

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Fraxinus americana **Variety:**  
**Cultivar:** Empire **Family:** Oleaceae **Tsnum:** 96124  
**Common Name:** Empire White Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC3-9

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 20-25 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker - appears to be inactive

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** purple

**Date of observation:** 9/23/2004

**Persistence:** 1-2 weeks

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---

*Scientific Name:* Fraxinus americana *Variety:*  
*Cultivar:* Empire *Family:* Oleaceae *Tsnum:* 96135  
*Common Name:* Empire White Ash  
*Source:* Schichtel's Nursery *Quantity observed:* 1 *Location:* A8

*Observation Date of Plant:* 9/28/2015

*Plant Habit:* Upright oval

*Plant Height:* 50-60 ft.

*Plant Width:* 30-40 ft

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:* Canker

*Disease Severity:* Moderate to severe injury

*Cultural Problems:*

*Nuisances:*

*Recommended:* Marginal

*Comments on plant:* Canopy still looks good although canker on trunk appears to be about 2/3 around the trunk but it may have been compartmentalized since it looks like it has new wood closing in around the edge.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

**Scientific Name:** Fraxinus americana **Variety:**  
**Cultivar:** Northern Blaze **Family:** Oleaceae **Tsnum:** 07138  
**Common Name:** Northern Blaze White Ash  
**Source:** Plant Select Multisite Study **Quantity observed:** 1 **Location:** SC3-1

**Observation Date of Plant:** 9/10/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Slight injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/1/2009  
**Aesthetics:** fair **Persistence:** 1-2 weeks  
**Fall Color:** yellow, brown

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---

**Scientific Name:** Fraxinus americana **Variety:**  
**Cultivar:** Northern Gem **Family:** Oleaceae **Tsnum:** 99011  
**Common Name:** Northern Gem White Ash  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** SC5-13

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 12-15 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Moved in 2003 due to unavoidable construction. About one third of canopy died and smaller branches have many small holes from insects in 2013 but does not seem to have the insect problem in 2015 and has put on a big growth spurt.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 9/23/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Fraxinus americana **Variety:** -0-  
**Cultivar:** Rosehill **Family:** Oleaceae **Tsnum:** 88056  
**Common Name:** Rosehill White Ash  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** A9

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Round

**Plant Height:** 35-45 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Fraxinus americana **Variety:**  
**Cultivar:** Royal Purple **Family:** Oleaceae **Tsnum:** 06011  
**Common Name:** Royal Purple White Ash  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** SC05-14

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Fraxinus americana **Variety:** -0-  
**Cultivar:** Skyline **Family:** Oleaceae **Tsnum:** 86192  
**Common Name:** Skyline White Ash  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** A8

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is very attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** creamy yellow, orange

**Date of observation:** 10/9/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Fraxinus americana **Variety:**  
**Cultivar:** Tures **Family:** Oleaceae **Tsnum:** 95036  
**Common Name:** Windy City Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC3-10,11

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 22-27 ft.

**Plant Width:** 15 -20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury but may have been contained

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Moved in 2003 due to unavoidable construction. Both have cankers on trunk and which may be reducing vigor. Still looks tolerable but weaker than the average ash tree.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** orange, yellow

**Date of observation:** 9/23/2004

**Persistence:** 1-2 weeks

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*Scientific Name:* Fraxinus excelsior *Variety:*  
*Cultivar:* *Family:* Oleaceae *Tsnum:* 04040  
*Common Name:* Common Ash  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 3 *Location:* A8, B7, B9

*Observation Date of Plant:* 9/28/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 10-15 ft.  
*Plant Width:* 4-6 ft.  
*Current Seasons Growth:* 12-24 in

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2010.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Fraxinus excelsior **Variety:** -0-  
**Cultivar:** Kimberly Blue **Family:** Oleaceae **Tsnum:** 78164  
**Common Name:** Kimberly Blue European Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A7

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 40-50 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** Overall, the tree is somewhat disfigured by storm damage.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Fraxinus hybrid **Variety:**  
**Cultivar:** Northern Gem **Family:** Oleaceae **Tsnum:** 00060  
**Common Name:** Northern Gem Ash  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** SC5-6

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** 50-70% of canopy is dead probably from canker.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair to good

**Fall Color:** Yellow

**Date of observation:** 9/23/2009

**Persistence:** 1-2 weeks

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*Scientific Name:* Fraxinus mandshurica *Variety:* -0-  
*Cultivar:* -0- *Family:* Oleoaceae *Tsnum:* 91132  
*Common Name:* Manchurian Ash  
*Source:* Schichtel's Nursery *Quantity observed:* 2 *Location:* SC03-12,13

*Observation Date of Plant:* 10/5/2015

*Plant Habit:* Upright oval

*Plant Height:* 18-24 ft.

*Plant Width:* 12-18 ft

*Current Seasons Growth:* 3-6 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair to good

*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:* Canker on lateral branches of one tree

*Disease Severity:* Slight injury

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Growth habit is very uniform and attractive although vigor is fairly low for unknown reason.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Good

*Fall Color:* yellow

*Date of observation:* 9/24/2009

*Persistence:* 1-2 weeks

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**Scientific Name:** Fraxinus mandshurica **Variety:** -0-  
**Cultivar:** Moncana **Family:** Oleaceae **Tsnum:** 87089  
**Common Name:** Moncana Manchurian Ash  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** A9, A8

**Observation Date of Plant:** 9/21/2015

**Plant Habit:** Upright oval, narrow

**Plant Height:** 40-50 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Has some included bark in a major branch. Growth habit is a little distorted by past snow load. 20% of canopy has blotchy leaves and dying branches from unknown disease.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Fraxinus nigra **Variety:**  
**Cultivar:** **Family:** Oleaceae **Tsnum:** 99005  
**Common Name:** Black Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC04-2, 3

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair or poor  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in arboretum in 2004. Top half of one tree looks dead from unknown cause. Vigor is low on both.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair to poor

**Fall Color:** yellow, green

**Date of observation:** 9/29/2009

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:** -0-  
**Cultivar:** Rugby **Family:** Oleaceae **Tsnum:** 89116  
**Common Name:** Prairie Spire Green Ash  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** C9, B9

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 40-45 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, narrow spaces

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/18/2011  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** golden yellow





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*Scientific Name:* Fraxinus pennsylvanica *Variety:* -0-  
*Cultivar:* Bergeson *Family:* Oleaceae *Tsnum:* 90014  
*Common Name:* Bergeson Ash  
*Source:* Sherman Nursery *Quantity observed:* 3 *Location:* B7, B9, A9

*Observation Date of Plant:* 9/28/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 40-50 ft.  
*Plant Width:* 40-50 ft.  
*Current Seasons Growth:* 8-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* One tree had 25% of canopy removed due to dieback from unknown cause in 2013.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Good

*Fall Color:* yellow

*Date of observation:* 9/23/2004

*Persistence:* 1-2 weeks



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**Scientific Name:** Fraxinus pennsylvanica

**Variety:**

**Cultivar:** Centerpoint

**Family:** Oleaceae

**Tsnum:** 96126

**Common Name:** Centerpoint Ash

**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC4-7

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval becoming round

**Plant Height:** 15-20 ft.

**Plant Width:** 14-18 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction. Vigor is relatively low but looks fine.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:**  
**Cultivar:** Cimmzam **Family:** Oleaceae **Tsnum:** 94030  
**Common Name:** Cimmaron Green Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC4-8

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 30-35 ft.

**Plant Width:** 15-22 ft

**Current Seasons Growth:** 5-8 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Borers

**Pest Severity:** Slight injury

**Plant Disease:** Canker

**Disease Severity:** Appears to have been contained.

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** orange, yellow

**Date of observation:** 10/8/2009

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:** -0-  
**Cultivar:** Dakota Centennial **Family:** Oleaceae **Tsnum:** 89115  
**Common Name:** Dakota Centennial Green Ash  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** B7, B6

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** This plant has a fairly narrow growth habit with a strong central leader.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 9/23/2009

**Aesthetics:** Good to excellent

**Persistence:** 1-2 weeks

**Fall Color:** Golden yellow

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---

*Scientific Name:* Fraxinus pennsylvanica *Variety:* -0-  
*Cultivar:* Emerald *Family:* Oleaceae *Tsnum:* 83133  
*Common Name:* Emerald Green Ash  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 2 *Location:* A8

*Observation Date of Plant:* 9/28/2015

*Plant Habit:* Upright oval

*Plant Height:* 50-60 ft.

*Plant Width:* 40-50 ft.

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Bark seems thicker and more deeply fissured than most. Growth habit is a little distorted by past snow load but still looks acceptable.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

*Scientific Name:* Fraxinus pennsylvanica *Variety:*  
*Cultivar:* Foothills *Family:* Oleaceae *Tsnum:* 00069  
*Common Name:* Foothills Ash  
*Source:* Bailey Nurseries *Quantity observed:* 1 *Location:* A8

*Observation Date of Plant:* 9/28/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 8-12 ft.  
*Plant Width:* 5-7 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes

*Comments on plant:* Planted in 2011. Growth habit somewhat distorted due to broken central leader from unknown cause.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*



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*Scientific Name:* Fraxinus pennsylvanica *Variety:* -0-  
*Cultivar:* Kindred *Family:* Oleaceae *Tsnum:* 82107  
*Common Name:* Kindred Green Ash  
*Source:* Cross Nurseries Inc. *Quantity observed:* 2 *Location:* B8, B7

*Observation Date of Plant:* 10/5/2015

*Plant Habit:* Upright oval

*Plant Height:* 40-50 ft.

*Plant Width:* 30-40 ft.

*Current Seasons Growth:* 6 - 12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Good

*Fall Color:* bright yellow

*Date of observation:* 10/9/2003

*Persistence:* 1-2 weeks







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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:**  
**Cultivar:** Leeds **Family:** Oleaceae **Tsnum:** 94056  
**Common Name:** Prarie Dome Ash  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** SC4-15

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 9/24/2009

**Persistence:** 1-2 weeks



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**Scientific Name:** Fraxinus pennsylvanica **Variety:**  
**Cultivar:** National 1999 **Family:** Oleaceae **Tsnum:** 01003  
**Common Name:** Champtree Green Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** SC4-4, 5-4

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Round

**Plant Height:** 17-22 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Vigor is excellent along with form.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Fraxinus pennsylvanica *Variety:*  
*Cultivar:* Patmore *Family:* Oleaceae *Tsnum:* 95164  
*Common Name:* Patmore Green Ash  
*Source:* 1995 Roberta Tolan Thesis *Quantity observed:* 3 *Location:* SC4-16, SC5-7,8

*Observation Date of Plant:* 9/14/2015

*Plant Habit:* Upright oval

*Plant Height:* 30-40 ft.

*Plant Width:* 20-27 ft

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Moved in 2003 due to unavoidable construction.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Good

*Fall Color:* Yellow

*Date of observation:* 9/23/2009

*Persistence:* 1-2 weeks

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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:**  
**Cultivar:** Rugby **Family:** Oleaceae **Tsnum:** 99006  
**Common Name:** Prairie Spire Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC5-9,10

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright oval

**Plant Height:** 20-25 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in 2003 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/28/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:**  
**Cultivar:** Sherwood Glen **Family:** Oleaceae **Tsnum:** 99039  
**Common Name:** Sherwood Glen Green Ash  
**Source:** Carlton Plants **Quantity observed:** 4 **Location:** SC004-1, 9, 10, SC05

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 18-25 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Moved in 2003 due to unavoidable construction.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/20/2009  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:** -0-  
**Cultivar:** Wahpeton **Family:** Oleaceae **Tsnum:** 93091  
**Common Name:** Dakota Centennial Green Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC05-11

**Observation Date of Plant:** 9/15/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 30-40 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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---

**Scientific Name:** Fraxinus pennsylvanica      **Variety:**  
**Cultivar:** Watson      **Family:** Oleaceae      **Tsnum:** 02025  
**Common Name:** Prairie Splendor Ash  
**Source:** Carlton Plants      **Quantity observed:** 2      **Location:** SC04-5,6

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Upright oval or pyramidal  
**Plant Height:** 18-24 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in arboretum in 2003. Canopy is dense and bushy and very uniform.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color      **Date of observation:** 9/29/2009  
**Aesthetics:** Good      **Persistence:** 1-2 weeks  
**Fall Color:** yellow

**2016 Woody Plant Evaluations**  
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*Scientific Name:* Fraxinus quadrangulata      *Variety:* -0-  
*Cultivar:* -0-      *Family:* Oleaceae      *Tsnum:* 78168  
*Common Name:* Blue Ash  
*Source:* Siebenthaler Nursery      *Quantity observed:* 1      *Location:* B8

*Observation Date of Plant:* 10/2/2015

*Plant Habit:* Upright oval

*Plant Height:* 40-50 ft.

*Plant Width:* 25-35 ft.

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Fraxinus x  
**Cultivar:** Northern Treasure      **Family:** Oleaceae      **Variety:**  
**Common Name:** Northern Treasure Ash      **Tsnum:** 00061  
**Source:** USDA/NC-7, Ames, IA      **Quantity observed:** 1      **Location:** SC05-02

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Round

**Plant Height:** 8-10 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Low vigor may be related to some trunk swelling along the trunk from unknown cause.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/2/2009

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Genista radiata **Variety:**  
**Cultivar:** **Family:** Leguminosae **Tsnum:** 02090  
**Common Name:** Broom  
**Source:** Plant Select **Quantity observed:** 1 **Location:** D6

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Round  
**Plant Height:** 2-3 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal  
**Comments on plant:** Gets winter some dieback and is a little leggy but may look better in full sun.

**Observation Date of Flowers:** 5/29/2006  
**Flower Color:** Yellow  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 20-30%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Genista tinctoria **Variety:** -0-  
**Cultivar:** -0- **Family:** Leguminosae **Tsnum:** 85147  
**Common Name:** Broom  
**Source:** Burr Oak Nursery **Quantity observed:** 3 **Location:** E7, E8

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 3 - 4 ft.  
**Plant Width:** 6-9 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** These often requires regular pruning to remove dieback.

**Observation Date of Flowers:** 7/2/2003  
**Flower Color:** Yellow  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Genista tinctoria **Variety:** -0-  
**Cultivar:** Golden Dwarf **Family:** Leguminosae **Tsnum:** 80142  
**Common Name:** Golden Dwarf Broom  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** E7

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Broad oval

**Plant Height:** 3 - 4 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit sometimes becomes open but looks good since 2014.

**Observation Date of Flowers:** 7/8/2003

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Genista tinctoria **Variety:**  
**Cultivar:** Poltava **Family:** Fabaceae **Tsnum:** 01027  
**Common Name:** Poltava Woadwaxen  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D6

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Irregular to broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 6-10 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Suckering, colonizes an area

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. 5/23/06 - Severe dieback during winter of -16F but has been fine last few years. May look better in full sun.

**Observation Date of Flowers:** 7/8/2003

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Genista tinctoria **Variety:**  
**Cultivar:** Sumy **Family:** Fabaceae **Tsnum:** 01026  
**Common Name:** Sumy Woadwaxen  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A6

**Observation Date of Plant:** 8/29/2016

**Plant Habit:** Broad oval

**Plant Height:** 2-3 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few, green/brown, not attractive

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Ginkgo bilboa **Variety:**  
**Cultivar:** Saratoga **Family:** Ginkgoaceae **Tsnum:** 95096  
**Common Name:** Saratoga Maidenhair Tree  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/7/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 12-18 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Canopy is dense and full but not very uniform.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2008  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** **Family:** Ginkgoaceae **Tsnum:** 10032  
**Common Name:** Maidenhair-tree  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D0, E1

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 4-5 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ginkgo biloba **Variety:** -0-  
**Cultivar:** -0- **Family:** Ginkgoaceae **Tsnum:** 78170  
**Common Name:** Ginkgo  
**Source:** Unknown **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 35-40 ft.  
**Plant Width:** 20-25 ft  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Growth habit is less dense and uniform as cultivars but still looks good.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ginkgo biloba **Variety:** -0-  
**Cultivar:** Fairmont **Family:** Ginkgoaceae **Tsnum:** 80044  
**Common Name:** Fairmont Ginkgo  
**Source:** Hines Nursery **Quantity observed:** 1 **Location:** E0

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 25-35 ft.

**Plant Width:** 25-35 ft

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** Golden Globe **Family:** Ginkgoaceae **Tsnum:** 07023  
**Common Name:** Golden Globe Ginkgo  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** E0, E1

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 6-7 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium yellow/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** Jade Butterfly **Family:** Ginkgoaceae **Tsnum:** 15085  
**Common Name:** Jade Butterfly Maidenhair Tree  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** JFS-UGA2 **Family:** Ginkgoaceae **Tsnum:** 09015  
**Common Name:** Golden Colonnade Ginkgo  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Irregular

**Plant Height:** 4-5 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Growth habit is a little stunted from being in lathhouse too long.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Appears to have lost top tip of central leader at early age and a new one needs to be trained.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** Jfs-uga2 **Family:** Ginkgoaceae **Tsnum:** 06025  
**Common Name:** Golden Colonnade Ginkgo  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 9/15/2015

**Plant Habit:** Upright oval

**Plant Height:** 6-7 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2010.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** Jfs-uga2 **Family:** Ginkgoaceae **Tsnum:** 06025  
**Common Name:** Golden Colonnade Ginkgo  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Irregular  
**Plant Height:** 5-6 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Tip of central leader appears to have died at early age so it may take a while to establish a good growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** Magyar **Family:** Ginkgoaceae **Tsnum:** 01047  
**Common Name:** Magyar Ginko  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** E0

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 5-7 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Was in lathhouse too long.  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ginkgo biloba **Variety:** -0-  
**Cultivar:** Princeton Sentry **Family:** Ginkgoaceae **Tsnum:** 89117  
**Common Name:** Princeton Sentry Ginkgo  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** E0

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 18-24 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two trees has less vigor - probably due to irrigation problem at edge of arboretum. Smaller tree still looks good.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** Shangri-La **Family:** Ginkgoaceae **Tsnum:** 02007  
**Common Name:** Shangri-La Ginkgo  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** E0

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 6-7 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Irrigation problem in September caused severe stress.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** The President **Family:** Ginkgoaceae **Tsnum:** 08004  
**Common Name:** Presidential Gold Ginkgo  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 5-6 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-9 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** The President **Family:** Ginkgoaceae **Tsnum:** 07053  
**Common Name:** Presidential Gold Ginkgo  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 5-6 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ginkgo biloba **Variety:**  
**Cultivar:** Woodstock **Family:** Ginkgoaceae **Tsnum:** 04023  
**Common Name:** Emperor Ginko  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** SC09-16

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Vase or irregular

**Plant Height:** 6-9 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Gleditsia triacanthos inermis **Variety:** inermis  
**Cultivar:** Baillace **Family:** Leguminosae **Tsnum:** 94045  
**Common Name:** Summer Lace Honeylocust  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D6

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 40-50 ft.  
**Plant Width:** 40-45 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/23/2004  
**Aesthetics:** Good **Persistence:** 2-4 weeks  
**Fall Color:** Yellow



**2016 Woody Plant Evaluations  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Gleditsia triacanthos inermis

**Variety:**

**Cultivar:** Draves

**Family:** Fabaceae

**Tsnum:** 10019

**Common Name:** Street Keeper Honeylocust

**Source:** J. Frank Schmidt and Son Co   **Quantity observed:** 2   **Location:** D5, C6

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Young, upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 8-14 in

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** One of two trees is crowded from nearby tree.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 11/4/2015

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Yellow

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*Scientific Name:* Gleditsia triacanthos inermis                      *Variety:* inermis  
*Cultivar:* Fairview                      *Family:* Leguminosae                      *Tsnum:* 84142  
*Common Name:* Fairview Thornless Honeylocust  
*Source:* A. McGill & Son Nursery              *Quantity observed:* 1   *Location:* D7

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 55-65 ft.  
*Plant Width:* 35-45 ft.  
*Current Seasons Growth:* 10-15 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Would probably be wider if not crowded by nearby trees.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Fair

*Fall Color:* Yellow

*Date of observation:* 10/9/2003

*Persistence:* 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

*Scientific Name:* Gleditsia triacanthos inermis                                *Variety:* inermis  
*Cultivar:* Imperial                                *Family:* Leguminosae                                *Tsnum:* 78172  
*Common Name:* Imperial Thornless Honeylocust  
*Source:* Fort Collins Nursery                                *Quantity observed:* 1    *Location:* C7

*Observation Date of Plant:* 9/30/2016  
*Plant Habit:* Upright oval or irregular  
*Plant Height:* 45-55 ft.  
*Plant Width:* 40-50 ft.  
*Current Seasons Growth:* 10-15 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color                                *Date of observation:* 10/1/2016  
*Aesthetics:* Fair                                *Persistence:* 1-2 weeks  
*Fall Color:* Yellow

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Gleditsia triacanthos inermis **Variety:** inermis  
**Cultivar:** Moraine **Family:** Leguminosae **Tsnum:** 78173  
**Common Name:** Moraine Thornless Honeylocust  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** C7

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Upright oval becoming irregular  
**Plant Height:** 50-60 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 10-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2003  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

**2016 Woody Plant Evaluations  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*Scientific Name:* Gleditsia triacanthos inermis      *Variety:* inermis  
*Cultivar:* Perfection      *Family:* Leguminosae      *Tsnum:* 89109  
*Common Name:* Perfection Honeylocust  
*Source:* Carlton Plants      *Quantity observed:* 1      *Location:* D7

*Observation Date of Plant:* 9/20/2016

*Plant Habit:* Upright oval

*Plant Height:* 40-50 ft.

*Plant Width:* 25-35 ft.

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* May be wider if not crowded by nearby trees.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*





**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

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**Scientific Name:** Gymnocladus dioicus **Variety:** -0-  
**Cultivar:** -0- **Family:** Leguminosae **Tsnum:** 78174  
**Common Name:** Kentucky Coffeetree  
**Source:** Bath Nursery **Quantity observed:** 2 **Location:** D6

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Seed pods have to be raked

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/12/2012

**Persistence:** 1-2 weeks



**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

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**Scientific Name:** Halesia carolina **Variety:**  
**Cultivar:** Rosy Ridge **Family:** Styracaceae **Tsnum:** 12035  
**Common Name:** Rosy Ridge Silverbell  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A7

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 5-6 ft.  
**Plant Width:** 4-5 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*Scientific Name:* Halimodendron halodendron      *Variety:* -0-  
*Cultivar:* -0-      *Family:* Leguminosae      *Tsnum:* 78214  
*Common Name:* Salt Tree  
*Source:* -0-      *Quantity observed:* 1      *Location:* E5, E6

*Observation Date of Plant:* 9/30/2016  
*Plant Habit:* Irregular  
*Plant Height:* 4-5 ft.  
*Plant Width:* 5-7 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium blue/green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Barrier, specimen, shrub border

*Overall Plant Health:* Fair  
*Fruit Present:* Abundant, unattractive  
*Fruit Color:* Brown  
*Insect Pests:*

*Pest Severity:*  
*Plant Disease:*

*Disease Severity:*  
*Cultural Problems:* Severe lodging to the south.  
*Nuisances:*

*Recommended:* Marginal

*Comments on plant:* Seeds hanging on tree eventually become unattractive and may be removed for aesthetics and to prevent self seeding. Spines are very sharp. Crowded by neighboring plants.

*Observation Date of Flowers:* 6/2/2006  
*Flower Color:* Pink/lavender  
*Flower Type:* Cluster  
*Flower Effect:* Excellent  
*% of Flower Coverage:* 70-80%  
*Bloom Stage:* Flowers open

*Comments on Flowers:* Relatively small flowers and foliage give a very delicate appearance.

*Fall Color or Fruit:*      *Date of observation:*  
*Aesthetics:*      *Persistence:*  
*Fall Color:*

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Hamamelis virginiana **Variety:** -0-  
**Cultivar:** -0- **Family:** Hamamelidaceae **Tsnum:** 85098  
**Common Name:** Common Witchhazel  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular to upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 7-10 ft

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Inadequate irrigation system, soil pH is high

**Nuisances:**

**Recommended:** No

**Comments on plant:** Very chlorotic due to high soil pH.

**Observation Date of Flowers:** 11/25/2005

**Flower Color:** Light Yellow

**Flower Type:** cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 10/28/2008

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Hedera helix **Variety:** -0-  
**Cultivar:** Bulgaria **Family:** Araliaceae **Tsnum:** 82065  
**Common Name:** Bulgarian English Ivy  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** CFA

**Observation Date of Plant:** 8/1/2015  
**Plant Habit:** Creeping (ground cover)  
**Plant Height:** <0.5 ft.  
**Plant Width:** 10 - 20 ft.  
**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Ground cover, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Heptacodium micorioides **Variety:**  
**Cultivar:** **Family:** Caprifoliaceae **Tsnum:** 11113  
**Common Name:** Seven-son Flower  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** G3

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Upright oval

**Plant Height:** 8-10 ft.

**Plant Width:** 7-9 ft

**Current Seasons Growth:** 12-24 in

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:** 10/15/2015

**Flower Color:** White / red

**Flower Type:** Cluster

**Flower Effect:** Very showy

**% of Flower Coverage:** 30.00%

**Bloom Stage:** Past peak but

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Heptacodium microroides **Variety:**  
**Cultivar:** **Family:** Caprifoliaceae **Tsnum:** 06034  
**Common Name:** Seven-Son Flower  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC10-14, 15

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval

**Plant Height:** 10-15 ft.

**Plant Width:** 9-12 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant impressive long lasting color

**Fruit Color:** Rosy red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted into arboretum Fall 2006. First significant flowering since it was planted was in 2010 so it may take time to get established but well worth the wait.

**Observation Date of Flowers:** 8/1/2007

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 20-25%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Few flowers since the establishment process is still occurring.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations  
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*Scientific Name:* Hesperaloe parviflora

*Variety:*

*Cultivar:* Perpa

*Family:* Agavaceae

*Tsnum:* 16006

*Common Name:* Brakelights® Red Yucca

*Source:* Monrovia Growers

*Quantity observed:* 3

*Location:* GH

*Observation Date of Plant:* 10/15/2016

*Plant Habit:* Upright

*Plant Height:* 1.5-2.5 ft.

*Plant Width:* 2-3 ft.

*Current Seasons Growth:* 1.5-2.5 ft.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, border

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2016 - too soon to recommend but looked good going into winter of 2016.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Hibiscus syriacus **Variety:**  
**Cultivar:** Notwoodone **Family:** Malvaceae **Tsnum:** 15061  
**Common Name:** Lavender Chiffon Althea  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** F7

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Hippophae rhamnoides      **Variety:** -0-  
**Cultivar:** -0-      **Family:** Elaeagnaceae      **Tsnum:** 83175  
**Common Name:** Sea Buckthorn  
**Source:** Bailey Nurseries      **Quantity observed:** 1      **Location:** G6

**Observation Date of Plant:** 8/29/2016  
**Plant Habit:** Irregular, upright  
**Plant Height:** 12-18 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark gray/green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Barrier, specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** The older plants tend to have a lot of character if pruned into a small tree. Looks good in a spot without much irrigation.

**Observation Date of Flowers:** 4/18/2006  
**Flower Color:** Lt. Yellow  
**Flower Type:** Cluster  
**Flower Effect:** poor  
**% of Flower Coverage:** 50-80%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Flowers too tiny to be showy.

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Hippophae rhamnoides **Variety:**  
**Cultivar:** Sprite **Family:** Elaeagnaceae **Tsnum:** 96117  
**Common Name:** Sprite Seabuckthorn  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Irregular, upright

**Plant Height:** 5-6 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark gray/green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier, specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Doing fairly well for being in a difficult to irrigate area. Looks better after nearby plants removed giving it more space.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Hydrangea **Variety:**  
**Cultivar:** Annie's Blue **Family:** Hydrangeaceae **Tsnum:** 13076  
**Common Name:** Annie's Blue Hydrangea  
**Source:** The Conard Pyle Co. **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Young undefined

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Hydrangea arborescens **Variety:** -0-  
**Cultivar:** Annabelle **Family:** Saxifragaceae **Tsnum:** 83150  
**Common Name:** Annabelle Smooth Hydrangea  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** E6

**Observation Date of Plant:** 9/26/2016  
**Plant Habit:** Upright  
**Plant Height:** 3 - 5 ft.  
**Plant Width:** 8-12 ft  
**Current Seasons Growth:** 3 - 5 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Dies back to the ground each year but comes back vigorously.

**Observation Date of Flowers:** 7/22/2004

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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**Scientific Name:** Hydrangea macrophylla **Variety:**  
**Cultivar:** Endless Summer **Family:** Hydrangeaceae **Tsnum:** 03120  
**Common Name:** Endless Summer Hydrangea  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 1 - 3 ft.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** May require a lot more irrigation or sunlight. No flowers in 2010, 2012 or 2014.  
Few flowers in 2016.

**Observation Date of Flowers:** 9/1/2004

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 0-10%

**Bloom Stage:** Flowers open

**Comments on Flowers:** No sign of flowering in 2012.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Hydrangea macrophylla *Variety:*  
*Cultivar:* Monmar *Family:* Hydrangeaceae *Tsnum:* 16007  
*Common Name:* Blue Enchantress Hydrangea  
*Source:* Monrovia Growers *Quantity observed:* 2 *Location:* D6, D7

*Observation Date of Plant:* 9/14/2016  
*Plant Habit:* Young undefined  
*Plant Height:* 2-3 ft.  
*Plant Width:* 3-4 ft.  
*Current Seasons Growth:* 1-2 ft.

*Foliage Color:* medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* n/a  
*Comments on plant:* Planted in 2016 - too soon to recommend

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** Hydrangea macrophylla **Variety:**  
**Cultivar:** Nikko Blue **Family:** Hydrangeaceae **Tsnum:** 12027  
**Common Name:** Nikko Blue Hydrangea  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D7

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Round

**Plant Height:** 2-3 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2012. No sign of flowers since planting - may need more sun.

**Observation Date of Flowers:** 10/1/2012

**Flower Color:** Purple/blue

**Flower Type:** Cluster

**Flower Effect:** Very showy

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Past peak

**Comments on Flowers:** Very showy despite color fade from original color

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Hydrangea macrophylla *Variety:*  
*Cultivar:* Penny Mac *Family:* Hydrangeaceae *Tsnum:* 15102  
*Common Name:* Penny Mac Hydrangea  
*Source:* Forrest Keeling Nursery *Quantity observed:* 3 *Location:* D6

*Observation Date of Plant:* 9/14/2016  
*Plant Habit:* Young undefined  
*Plant Height:* 1-3 ft.  
*Plant Width:* 2-4 ft.  
*Current Seasons Growth:* 2-3 ft.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None

*Fruit Color:*  
*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2016 - too soon to recommend.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

**Scientific Name:** Hydrangea macrophylla **Variety:**  
**Cultivar:** PIIHM-I **Family:** Hydrangeaceae **Tsnum:** 10111  
**Common Name:** Twist-N-Shout Hydrangea  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D7

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 2-3 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2012. Still fairly small and hasn't had any flowers yet. May look better in full sun.

**Observation Date of Flowers:** 10/1/2012

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 15-20%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Bokrathirteen **Family:** Hydrangeaceae **Tsnum:** 12110  
**Common Name:** Sweet Summer Hydrangea  
**Source:** Ball Horticultural Company **Quantity observed:** 1 **Location:** D7

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Irregular, upright

**Plant Height:** 2.5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shrub border

**Overall Plant Health:** Fair

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Lacks vigor.

**Observation Date of Flowers:** 9/25/2014

**Flower Color:** White with pink blush

**Flower Type:** Cluster

**Flower Effect:** fair

**% of Flower Coverage:** 15.00%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Bombshell **Family:** Hydrangeaceae **Tsnum:** 12108  
**Common Name:** Bombshell Hydrangea  
**Source:** Ball Horticultural Company **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Young, undefined  
**Plant Height:** 2-3 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2013. Slowly getting established.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Bulk **Family:** Hydrangeaceae **Tsnum:** 10027  
**Common Name:** Quick Fire™ Hydrangea - Tree Form  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F6

**Observation Date of Plant:** 8/29/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 4-5 ft.  
**Plant Width:** 2-4 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011. Has slight chlorosis.

**Observation Date of Flowers:** 8/25/2014  
**Flower Color:** Pink blush  
**Flower Type:** cluster  
**Flower Effect:** Very good  
**% of Flower Coverage:** 70-80%  
**Bloom Stage:** Full bloom  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Bulk **Family:** Hydrangaceae **Tsnum:** 14010  
**Common Name:** Quick Fire Hydrangea  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D7, F7

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Round

**Plant Height:** 4-5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 8-12 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, patio tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015 and another in 2016. Gets top heavy and requires staking.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** DVPinky **Family:** Hydrangaceae **Tsnum:** 14011  
**Common Name:** Pinky Winky Hydrangea  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 8/31/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 5-6 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, patio tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:** 8/31/2016  
**Flower Color:** dark ponk with a little white  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 50-60%  
**Bloom Stage:** Peak bloom  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Le Vesterival **Family:** Hydrangeaceae **Tsnum:** 12060  
**Common Name:** Great Star Hydrangea  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/10/2016  
**Plant Habit:** Irregular, upright  
**Plant Height:** 3-4 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Died almost to ground the first winter otherwise may look better.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Hydrangea paniculata *Variety:*  
*Cultivar:* Lime Light *Family:* Hydrangeaceae *Tsnum:* 05087  
*Common Name:* Lime Light Hydrangea  
*Source:* Proven Winners *Quantity observed:* 1 *Location:* D7

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 5-7 ft.  
*Plant Width:* 5-7 ft.  
*Current Seasons Growth:* 1-2 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Excellent  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2007. Impressive show late in season.

*Observation Date of Flowers:* 9/25/2014  
*Flower Color:* White/light green with fantastic pink blush  
*Flower Type:* cluster  
*Flower Effect:* Excellent  
*% of Flower Coverage:* 60-75%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*



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**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Limelight **Family:** Hydrangaceae **Tsnum:** 14012  
**Common Name:** Limelight Hydrangea  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D7, F6

**Observation Date of Plant:** 8/29/2016

**Plant Habit:** Upright oval

**Plant Height:** 4-6 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 12-24 in

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border, patio tree

**Overall Plant Health:** Good

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Leaning due to weight of blooms.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Hydrangea paniculata *Variety:*  
*Cultivar:* Phantom *Family:* Hydrangeaceae *Tsnum:* 13023  
*Common Name:* Phantom Panicle Hydrangea  
*Source:* Carlton Plants *Quantity observed:* 1 *Location:* D7

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Upright oval on standard  
*Plant Height:* 5-6 ft.  
*Plant Width:* 4 ft.  
*Current Seasons Growth:* 10-15 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border, patio tree

*Overall Plant Health:* Good  
*Fruit Present:*  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2016 - too soon to recommend.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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*Scientific Name:* Hydrangea paniculata *Variety:*  
*Cultivar:* PI 479427 *Family:* Hydrangeaceae *Tsnum:* 15100  
*Common Name:* Panicle Hydrangea  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 3 *Location:* D7

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Young undefined  
*Plant Height:* 3-4 ft.  
*Plant Width:* 2-4 ft.  
*Current Seasons Growth:* 3 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2016 - too soon to recommend.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*







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**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Unique **Family:** Hydrangeaceae **Tsnum:** 09052  
**Common Name:** Unique Late Pannicle Hydrangea  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** D7, E7

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4.5 ft.

**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2010 and another in 2012/

**Observation Date of Flowers:** 9/15/2016

**Flower Color:** White with pink blush

**Flower Type:** cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50.00%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Hydrangea paniculata      *Variety:*  
*Cultivar:* Wims Red      *Family:* Hydrangeaceae      *Tsnum:* 12109  
*Common Name:* Fire & Ice Hydrangea  
*Source:* Ball Horticultural Company      *Quantity observed:* 1      *Location:* D7

*Observation Date of Plant:* 9/20/2016

*Plant Habit:* Round

*Plant Height:* 3-4 ft.

*Plant Width:* 3-5 ft.

*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair to good

*Landscape Uses:* Shrub border

*Overall Plant Health:* Good

*Fruit Present:* none

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2013.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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**Scientific Name:** Hydrangea serrata **Variety:**  
**Cultivar:** Blue Bird **Family:** Hydrangaceae **Tsnum:** 06064  
**Common Name:** Blue Bird Hydrangea  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D7

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:** No sign of flowering in 2012.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Dark maroon red

**Date of observation:** 9/30/2012

**Persistence:** 1-2 weeks

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**Scientific Name:** Hypericum kalmianum **Variety:**  
**Cultivar:** **Family:** Guttiferae **Tsnum:** 07076  
**Common Name:** Kalm St. Johnswort  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** E7

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Round

**Plant Height:** 4-5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 4-8 in

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2009. Seems chlorotic and has tip dieback on about 75% of canopy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Indigofera kirilowii **Variety:**  
**Cultivar:** **Family:** Papilionoidae **Tsnum:** 02017  
**Common Name:** Kirilow Indigo  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** F6

**Observation Date of Plant:** 8/29/2016  
**Plant Habit:** Broad oval to irregular  
**Plant Height:** 3-4 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 3-4 ft.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal  
**Comments on plant:** Top is not hardy - will always need to cut to ground each winter. Both are moderately chlorotic.

**Observation Date of Flowers:** 6/5/2006  
**Flower Color:** Lavender  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 50-70%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Flowers are in long panicles that are very showy.

**Fall Color or Fruit:** Fall color **Date of observation:** 9/26/2006  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Golden yellow

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---

**Scientific Name:** Jamesia americana **Variety:**  
**Cultivar:** **Family:** Hydrangeaceae **Tsnum:** 03161  
**Common Name:** Wax Flower  
**Source:** Fort Collins Nursery **Quantity observed:** 2 **Location:** G2

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, native planting, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2003.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 30-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juglan regia **Variety:**  
**Cultivar:** Carpathian **Family:** Juglandaceae **Tsnum:** 03035  
**Common Name:** Carpathian English Walnut  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shade tree, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juglans cinerea **Variety:** -0-  
**Cultivar:** -0- **Family:** Juglandaceae **Tsnum:** 78175  
**Common Name:** Butternut  
**Source:** Western Evergreen Nursery **Quantity observed:** 1 **Location:** C5

**Observation Date of Plant:** 10/6/2015  
**Plant Habit:** Round to broad oval, multistem  
**Plant Height:** 30-40 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Wildlife, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Appears to be recovering from old canker although decay is taking over on wounded areas. Old cankers are very extensive and unattractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** golden yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Juglans mandshurica **Variety:** -0-  
**Cultivar:** -0- **Family:** Juglandaceae **Tsnum:** 78176  
**Common Name:** Manchurian Walnut  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** C4

**Observation Date of Plant:** 10/6/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 40-50 ft.

**Plant Width:** 50-60 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A little wet wood forming around old branch removals. Growth habit may be wider if not crowded by neighboring plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juglans nigra **Variety:**  
**Cultivar:** Sauber **Family:** Juglandaceae **Tsnum:** 07086  
**Common Name:** Sauber Black Walnut  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** C4, C5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Young, undefined

**Plant Height:** 5-6 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shade tree, wildlife

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Growth habit is a little irregular due to losing central leader while in lathhouse.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Juniperus chinensis **Variety:**  
**Cultivar:** Admiral **Family:** Cupressaceae **Tsnum:** 84171  
**Common Name:** Admiral Chinese Juniper  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** G13

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal becoming round  
**Plant Height:** 20-25 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Moderate amount of fruit, showy  
**Fruit Color:** Blue  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Growth habit somewhat deformed due to snow in 2003. Canopy is a little thin.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Juniperus chinensis **Variety:**  
**Cultivar:** Daub's Frosted **Family:** Cupressaceae **Tsnum:** 03152  
**Common Name:** Daub's frosted Juniper  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 3-4 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Yellow on new stems/green on older foliage

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Growth habit is attractive and uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** Fruitlandii **Family:** Cupressaceae **Tsnum:** 87168  
**Common Name:** Fruitland Chinese Juniper  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** G12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading, irregular

**Plant Height:** 4-6 ft.

**Plant Width:** 16-22 ft

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Green with some blue shading

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Ground cover, Xeriscape, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Most other junipers have a more uniform, attractive growth habit and this is fairly irregular.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** Holbert **Family:** Cupressaceae **Tsnum:** 88195  
**Common Name:** Holbert Chinese Juniper  
**Source:** Hines Nursery **Quantity observed:** 3 **Location:** G10, G11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 3-4 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Ground cover, Specimen, Xeriscape, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Blue

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has become huge spreader without pruning.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus chinensis **Variety:**  
**Cultivar:** Iowa **Family:** Cupressaceae **Tsnum:** 15109  
**Common Name:** Iowa Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** E13, F14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Young undefined

**Plant Height:** 4-5 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 3-6 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, screen , xeric landscape

**Overall Plant Health:** Good

**Fruit Present:** Abundant, attractive

**Fruit Color:** Medium green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:**  
**Cultivar:** Kallays Compacta **Family:** Cupressaceae **Tsnum:** 00022  
**Common Name:** Kallay Pfizer Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 3-4 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Ground cover, Xeriscape, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** Keteleeri **Family:** Cupressaceae **Tsnum:** 78181  
**Common Name:** Keteleer Chinese Juniper  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** F13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 20-30 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is a little open but still looks good.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** Mint Julep **Family:** Cupressaceae **Tsnum:** 87169  
**Common Name:** Mint Julep Chinese Juniper  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** G13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 4 - 6 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Blue with white haze on surface

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage color is rich and vibrant.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** Robusta Green **Family:** Cupressaceae **Tsnum:** 78182  
**Common Name:** Robusta Green Chinese Juniper  
**Source:** Bath Nursery **Quantity observed:** 1 **Location:** D13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Irregular, upright

**Plant Height:** 12-18 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Ground cover, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** marginal

**Comments on plant:** Has a very open growth habit. Central leader seems to have twisted and flopped to the side probably due to past snow load. Growth habit is very open but has a lot of character.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** San Jose **Family:** Cupressaceae **Tsnum:** 86214  
**Common Name:** San Jose Chinese Juniper  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** F12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 3 - 4 ft.

**Plant Width:** 8-12 ft

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Ground cover, Xeriscape, Shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice mounded growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:** pfitzeriana  
**Cultivar:** Sarcoxie Compactum **Family:** Cupressaceae **Tsnum:** 78183  
**Common Name:** Sarcoxie Compact Pfitzer Juniper  
**Source:** Sarcoxie Nurseries Inc. **Quantity observed:** 1 **Location:** D13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 4-7 ft.

**Plant Width:** 20-25 ft

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has become enormous after 38 years. Too big for most landscapes without regular pruning.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** Sea Green **Family:** Cupressaceae **Tsnum:** 88196  
**Common Name:** Sea Green Chinese Juniper  
**Source:** Hines Nursery **Quantity observed:** 3 **Location:** G11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Arching, spreading

**Plant Height:** 4 - 6 ft.

**Plant Width:** 15 - 20 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Gray/blue

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Requires a large area or regular pruning.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:** densaerecta  
**Cultivar:** Spartan **Family:** Cupressaceae **Tsnum:** 89097  
**Common Name:** Spartan Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 10/10/2016

**Plant Habit:** Pyramidal/irregular

**Plant Height:** 15-20 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border, screen

**Overall Plant Health:** Good

**Fruit Present:** Abundant amount of fruit

**Fruit Color:** Purple with gray haze

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage color is a nice rich green and fairly dark. One of the showier junipers for fruit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus chinensis **Variety:** denserecta  
**Cultivar:** Spartica **Family:** Cupressaceae **Tsnum:** 82177  
**Common Name:** Spartica Chinese Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 20-26 ft.

**Plant Width:** 20-28 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Purple/gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A little misshapen from snow load in 2003 but looks normal now.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus chinensis **Variety:** -0-  
**Cultivar:** Spearmint **Family:** Cupressaceae **Tsnum:** 88198  
**Common Name:** Spearmint Chinese Juniper  
**Source:** Hines Nursery **Quantity observed:** 2 **Location:** G13, G12

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal becoming more round  
**Plant Height:** 12-18 ft.  
**Plant Width:** 15-20 ft  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Abundant, showy.  
**Fruit Color:** Blue/gray  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Foliage is a rich green color and very attractive. Makes a good contrast with fruit color.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Juniperus chinensis **Variety:**  
**Cultivar:** Winter Gold **Family:** Cupressaceae **Tsnum:** 99187  
**Common Name:** Winter Gold  
**Source:** ProGreen Expo **Quantity observed:** 1 **Location:** G11

**Observation Date of Plant:** 10/10/2016

**Plant Habit:** Spreading

**Plant Height:** 3-4 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Yellow/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks good but is getting crowded by neighboring plant and may grow wider than listed here.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Juniperus chinensis pfitzeriana **Variety:**  
**Cultivar:** Gold Lace **Family:** Cupressaceae **Tsnum:** 98090  
**Common Name:** Gold Lace Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Spreading  
**Plant Height:** 2-3 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Yellow strongest at tips then medium green throughout the rest of the plant  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**

**Plant Disease:** Juniper blight  
**Disease Severity:** Moderate injury  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Foliage is very bright and attractive. Would probably be much wider if not crowded by nearby plants in the past but has a lot more space in 2014 after other plants thinned out. 20% of canopy turning off-color probably from juniper

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Juniperus communis *Variety:* Montana  
*Cultivar:* *Family:* Cupressaceae *Tsnum:* 15092  
*Common Name:* Mountain Juniper  
*Source:* Monrovia Growers *Quantity observed:* 2 *Location:* E13

*Observation Date of Plant:* 11/28/2016

*Plant Habit:* Spreading

*Plant Height:* 4-8 in.

*Plant Width:* 2-3 ft.

*Current Seasons Growth:* 4-6 in

*Foliage Color:* Gray green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Shrub border, ground cover

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2015.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Juniperus communis **Variety:**  
**Cultivar:** Copper Delight™ **Family:** Cupressaceae **Tsnum:** 14154  
**Common Name:** Copper Delight™ Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** E12, E13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 6-12 in.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Gray, medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, xeriscape

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus communis **Variety:**  
**Cultivar:** Gold Cone **Family:** Cupressaceae **Tsnum:** 15110  
**Common Name:** Gold Cone Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** F13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Cone

**Plant Height:** 3 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 3-5 in.

**Foliage Color:** Medium green , gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus communis **Variety:**  
**Cultivar:** Montana Spreader **Family:** Cupressaceae **Tsnum:** 11116  
**Common Name:** Common Juniper  
**Source:** Plant Select **Quantity observed:** 1 **Location:** G3

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Spreading

**Plant Height:** 8-12 in.

**Plant Width:** 2-2.5 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Green with blue grey on top edge of needles.

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Just planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus conferta **Variety:**  
**Cultivar:** Silver Mist **Family:** Cupressaceae **Tsnum:** 03011  
**Common Name:** Silver Mist Juniper  
**Source:** The Conard Pyle Co. - doesn' **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 10-18 in.

**Plant Width:** 7-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green gray on some surfaces

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Juniper blight

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2004. Growth habit seems to be a little more open than most spreading junipers but is still attractive although disease is starting to impact appearance.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus davurica **Variety:**  
**Cultivar:** Expansa **Family:** Cupressaceae **Tsnum:** 96095  
**Common Name:** Parson's Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 2-4 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green with a little shade of blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look much better if in full sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Juniperus horizontalis *Variety:*  
*Cultivar:* BelDak *Family:* Cupressaceae *Tsnum:* 13091  
*Common Name:* Prairies Mist Juniper  
*Source:* Alta Nursery *Quantity observed:* 1 *Location:* D12

*Observation Date of Plant:* 11/28/2016

*Plant Habit:* Spreading

*Plant Height:* 4-8 in.

*Plant Width:* 3-4 ft.

*Current Seasons Growth:* 3-6 in.

*Foliage Color:* Blue gray

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shrub border, xeriscape

*Overall Plant Health:* Fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2013.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

**Scientific Name:** Juniperus horizontalis **Variety:**  
**Cultivar:** Blue Prince **Family:** Cupressaceae **Tsnum:** 01049  
**Common Name:** Blue Prince Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 4-5 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Ground cover, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Grey

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus horizontalis      **Variety:**  
**Cultivar:** MeDak      **Family:** Cupressaceae      **Tsnum:** 13092  
**Common Name:** MeDak  
**Source:** Alta Nursery      **Quantity observed:** 1      **Location:** D12

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Spreading  
**Plant Height:** 8-12 in.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Medium green with gray  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, xeriscape

**Overall Plant Health:** Good  
**Fruit Present:** Few  
**Fruit Color:** Gray almost white  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2013.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

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**Scientific Name:** Juniperus sabina **Variety:** -0-  
**Cultivar:** Arcadia **Family:** Cupressaceae **Tsnum:** 86216  
**Common Name:** Arcadia Savin Juniper  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** F12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 5 - 7 ft.

**Plant Width:** 15-25 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Blue

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Fruit is showier than almost any other Juniper in this collection.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus sabina **Variety:** -0-  
**Cultivar:** Blue Danube **Family:** Cupressaceae **Tsnum:** 87160  
**Common Name:** Blue Danube Savin Juniper  
**Source:** Oregon Garden Products **Quantity observed:** 2 **Location:** F11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 4 - 5 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Predominantly green but with a moderate shade of blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Ground cover, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Crowding out neighboring plants. Needs lots of space or regular pruning.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus sabina **Variety:** -0-  
**Cultivar:** Mini Arcadia **Family:** Cupressaceae **Tsnum:** 88131  
**Common Name:** Mini Arcadia Savin Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** F12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 2 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Ground cover, Specimen, Shrub border

**Overall Plant Health:** Excellent

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Much more attractive form than J. 'Arcadia'. Growth habit is dense and bushy but very uniform even after 28 years. Foliage is a very nice rich green color.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus sabina **Variety:**  
**Cultivar:** Pepin **Family:** Cupressaceae **Tsnum:** 03130  
**Common Name:** Pepin Savin Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Spreading  
**Plant Height:** 3-4 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Gray/green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in arboretum in 2003.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Blue Haven **Family:** Cupressaceae **Tsnum:** 81271  
**Common Name:** Blue Haven Rocky Mtn. Juniper  
**Source:** Wilmore Nurseries **Quantity observed:** 1 **Location:** F13

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal to upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 12-18 ft  
**Current Seasons Growth:** 6 - 10 in.

**Foliage Color:** Blue  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, screen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Very nice foliage color.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Juniperus scopulorum **Variety:**  
**Cultivar:** Blue Trail **Family:** Cupressaceae **Tsnum:** 08046  
**Common Name:** Blue Trail Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** G12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Narrow pyramidal

**Plant Height:** 7-9 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Blue/gray

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, xeriscape, screen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Slow to establish since it is planted at edge of arboretum where irrigation is less

**Nuisances:**

**Recommended:** yes

**Comments on plant:** Planted in 2011. One of two looks good but the second tree looks like it is still struggling to get established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Cologreen **Family:** Cupressaceae **Tsnum:** 87111  
**Common Name:** Cologreen Rocky Mountain Juniper  
**Source:** Zelenka Nursery **Quantity observed:** 1 **Location:** G13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 10-15 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Cupressifolia **Family:** Cupressaceae **Tsnum:** 81282  
**Common Name:** Rocky Mtn. Juniper  
**Source:** South Dakota State University **Quantity observed:** 1 **Location:** D14, F13

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 20-30 ft.  
**Plant Width:** 20-25 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape

**Overall Plant Health:** Good  
**Fruit Present:** Abundant amount of fruit  
**Fruit Color:** Gray  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Bottom branches getting shaded out.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Gray Gleam **Family:** Cupressaceae **Tsnum:** 78193  
**Common Name:** Gray Gleam Rocky Mountain Juniper  
**Source:** Bath Nursery **Quantity observed:** 2 **Location:** F14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 14-18 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 6 - 8 in.

**Foliage Color:** Gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale on needles

**Pest Severity:** Moderate injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Great color and form except for some snow load damage in 2003. Scale sapping vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Macfarlane **Family:** Cupressaceae **Tsnum:** 81272  
**Common Name:** Macfarlane Rocky Mtn. Juniper  
**Source:** Denver Botanic Gardens **Quantity observed:** 2 **Location:** D14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Columnar

**Plant Height:** 30-36 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, screen, narrow areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is very uniform and impressive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Medora **Family:** Cupressaceae **Tsnum:** 86219  
**Common Name:** Medora Rocky Mountain Juniper  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** G9

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Columnar or narrowly pyramidal  
**Plant Height:** 15-20 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6 - 10 in.

**Foliage Color:** Gray/blue  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Deformed by snow load in 2003 but looks okay now.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Juniperus scopulorum      *Variety:* -0-  
*Cultivar:* Medora      *Family:* Cupressaceae      *Tsnum:* 87170  
*Common Name:* Medora Rocky Mountain Juniper  
*Source:* Monrovia Growers      *Quantity observed:* 1      *Location:* G12

*Observation Date of Plant:* 10/10/2016  
*Plant Habit:* Columnar becoming upright oval  
*Plant Height:* 10-15 ft.  
*Plant Width:* 8-12 ft.  
*Current Seasons Growth:* 6-10 in.

*Foliage Color:* Gray  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, xeriscape, shrub border, screen

*Overall Plant Health:* Fair  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:*      *Date of observation:*  
*Aesthetics:*      *Persistence:*  
*Fall Color:*

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**Scientific Name:** Juniperus scopulorum **Variety:**  
**Cultivar:** Moonglow **Family:** Cupressaceae **Tsnum:** 15078  
**Common Name:** Moonglow Juniper  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** E13, F14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Columnar

**Plant Height:** 4-5 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 6-12 in

**Foliage Color:** Blue gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, screen, xeric landscape

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Pathfinder **Family:** Cupressaceae **Tsnum:** 83170  
**Common Name:** Pathfinder Rocky Mountain Juniper  
**Source:** Zelenka Nursery **Quantity observed:** 1 **Location:** F14

**Observation Date of Plant:** 11/26/2016

**Plant Habit:** Pyramidal

**Plant Height:** 15-20 ft.

**Plant Width:** 15 -25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Gray

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Deformed by snow load in 2003 but looks fairly normal now.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Sutherland **Family:** Cupressaceae **Tsnum:** 89099  
**Common Name:** Sutherland Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** G9

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal to irregular/round as it matures.  
**Plant Height:** 8-14 ft.  
**Plant Width:** 15-20 ft  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Moderate amount of fruit  
**Fruit Color:** Gray/blue  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Galls  
**Disease Severity:** Slight injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Deformed by snow load spring of 2003 but looks okay now.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Tollison Weeping **Family:** Cupressaceae **Tsnum:** 78192  
**Common Name:** Tollison Weeping Rocky Mountain Juniper  
**Source:** Bath Nursery **Quantity observed:** 2 **Location:** D13

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal to upright oval, weeping  
**Plant Height:** 30-35 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Gray/green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Top broke out in one of two trees by Spring snow in 2003. Makes a good character plant for the landscape due to the weeping growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Welchii **Family:** Cupressaceae **Tsnum:** 84173  
**Common Name:** Welch Rocky Mountain Juniper  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** F12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Irregular, upright

**Plant Height:** 15-20 ft.

**Plant Width:** 12-18 ft

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Deformed by snow load in 2003. Very misshapen but starting to look acceptable.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Winter Blue **Family:** Cupressaceae **Tsnum:** 83348  
**Common Name:** Winter Blue Rocky Mountain Juniper  
**Source:** Unknown **Quantity observed:** 2 **Location:** F12, F13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 5-8 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Blue/gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has intense gray foliage color. Gets very large over time.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Witchita Blue **Family:** Cupressaceae **Tsnum:** 83160  
**Common Name:** Witchita Blue Rocky Mountain Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** E14, D14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal to upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale

**Pest Severity:** Severe injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Seems to be in decline. Color and vigor fading on most of tree although 5% of canopy has tufts with good vigor and color.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus scopulorum **Variety:** -0-  
**Cultivar:** Woodward Columnar **Family:** Cupressaceae **Tsnum:** 81296  
**Common Name:** Woodward Columnar Rocky Mtn. Juniper  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** D14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Columnar

**Plant Height:** 30-37 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green/gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, screen, xeriscape

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Similar to J. 'MacFarlane' except it seem taller and thinner. Excellent, uniform growth habit requires no pruning. Lower branches getting shaded out by nearby trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus squamata **Variety:**  
**Cultivar:** Blue Star **Family:** Cupressaceae **Tsnum:** 14155  
**Common Name:** Blue Star Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** E13

**Observation Date of Plant:** 11/26/2016

**Plant Habit:** Spreading

**Plant Height:** 3-6 in.

**Plant Width:** 8-12 in.

**Current Seasons Growth:** 2-3 in.

**Foliage Color:** Blue/gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, xeriscape

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014. One of two may have been run over by snow removal equipment and may not survive .

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus squamata **Variety:** -0-  
**Cultivar:** Parsonii **Family:** Cupressaceae **Tsnum:** 82181  
**Common Name:** Parson's Singleseed Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** E14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 2-3 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Blue green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Ground cover, Xeriscape, Shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look better if not at edge of arboretum where irrigation is less uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Juniperus virginiana **Variety:** -0-  
**Cultivar:** Burkii **Family:** Cupressaceae **Tsnum:** 88200  
**Common Name:** Burk Eastern Red Cedar  
**Source:** Hines Nursery **Quantity observed:** 1 **Location:** G11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 15-20 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Gray

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape

**Overall Plant Health:** Fair

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Canopy isn't very dense.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus virginiana **Variety:** -0-  
**Cultivar:** Cupressifolia **Family:** Cupressaceae **Tsnum:** 81285  
**Common Name:** Eastern Red Cedar  
**Source:** South Dakota State University **Quantity observed:** 1 **Location:** D14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 20-30 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 6 - 10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape

**Overall Plant Health:** Fair

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Blue

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably be healthier if not crowded by nearby plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus virginiana **Variety:** -0-  
**Cultivar:** Grey Owl **Family:** Cupressaceae **Tsnum:** 86146  
**Common Name:** Grey Owl Eastern Red Cedar  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading becoming irregular

**Plant Height:** 4-6 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice color but growth habit isn't very uniform. Most of plant is about three to four feet tall but part is becoming more tree-like and upright. Fruit is showy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus virginiana **Variety:** cupressifolia  
**Cultivar:** Hillspire **Family:** Cupressaceae **Tsnum:** 78196  
**Common Name:** Hillspire Eastern Red Cedar  
**Source:** Bath Nursery **Quantity observed:** 2 **Location:** F13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 20-25 ft.

**Plant Width:** 25-30 ft.

**Current Seasons Growth:** 6 - 10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Blue, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage has a nice rich green color and combines well with the fruit for an attractive overall appearance. Growth habit is somewhat irregular due to snow damage.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus virginiana **Variety:** -0-  
**Cultivar:** Sky Rocket **Family:** Cupressaceae **Tsnum:** 83161  
**Common Name:** Sky Rocket Eastern Red Cedar  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** F14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Irregular to pyramidal

**Plant Height:** 12-18 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant amount of fruit

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Susceptible to storm damage

**Recommended:** Marginal

**Comments on plant:** Severely deformed by spring snow in 2003. Slowly regaining a decent appearance.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus virginiana **Variety:**  
**Cultivar:** Taylor **Family:** Cupressaceae **Tsnum:** 15079  
**Common Name:** Taylor Juniper  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** E13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Columnar

**Plant Height:** 5 ft

**Plant Width:** 1 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Blue green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, screen, xeric landscape

**Overall Plant Health:** Fair to good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Vandals cut top 1-2 ft. off two of three trees in 2016.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus x **Variety:**  
**Cultivar:** J.N. Select Blue **Family:** Cupressaceae **Tsnum:** 14158  
**Common Name:** Star Power Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** D13, E13

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Columnar

**Plant Height:** 4-6 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Blue green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Just planted in 2014. Vandals cut central leader from two of three trees in 2016.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Juniperus x **Variety:**  
**Cultivar:** Prairie Spirit **Family:** Cupressaceae **Tsnum:** 13089  
**Common Name:** Prairie Spirit Juniper  
**Source:** Alta Nursery **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Spreading

**Plant Height:** 8-12 in.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Reddish bronze winter color

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border, xeriscape

**Overall Plant Health:** Fair

**Fruit Present:** Few

**Fruit Color:** Blue/gray, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Kerria japonica **Variety:** pleniflora  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 84117  
**Common Name:** Japanese Kerria  
**Source:** Sherman Nursery **Quantity observed:** 3 **Location:** C0

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 6-8 ft  
**Current Seasons Growth:** 15-30 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No

**Comments on plant:** Very chlorotic and had a lot of dieback to remove from sudden, severe November 2014 freeze.

**Observation Date of Flowers:** 6/26/2006  
**Flower Color:** Yellow  
**Flower Type:** Single  
**Flower Effect:** Fair to good  
**% of Flower Coverage:** 30-40%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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---

*Scientific Name:* Koelreuteria paniculata *Variety:*  
*Cultivar:* Coral Sun *Family:* Sapindaceae *Tsnum:* 15062  
*Common Name:* Coral Sun Goldenrain Tree  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 3 *Location:* C6

*Observation Date of Plant:* 9/30/2016  
*Plant Habit:* Young, undefined  
*Plant Height:* 5-8 ft.  
*Plant Width:* 3-5 ft.  
*Current Seasons Growth:* 6-12 in

*Foliage Color:* Light green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2015.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* fc *Date of observation:*  
*Aesthetics:* Very good *Persistence:* 1-2 weeks  
*Fall Color:* Red along margins

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---

**Scientific Name:** Koelreuteria paniculata **Variety:**  
**Cultivar:** Golden Candle **Family:** Sapindaceae **Tsnum:** 13024  
**Common Name:** Golden Candle Golden Rain Tree  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** D5

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Columnar  
**Plant Height:** 6-8 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014. Central leader died out from unknown cause and growth habit is less uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Kolkwitzia amabilis **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 81107  
**Common Name:** Beautybush  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** F7

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Irregular, arching

**Plant Height:** 7-10 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 1 - 3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit isn't very uniform and looks leggy.

**Observation Date of Flowers:** 5/29/2006

**Flower Color:** Light Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 85-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** This plant is extremely showy when flowering.

**Fall Color or Fruit:** Fall color

**Date of observation:** 9/23/2005

**Aesthetics:** Good

**Persistence:** 2-4 weeks

**Fall Color:** dark red, purple, orange

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---

**Scientific Name:** Kolkwitzia amabilis **Variety:**  
**Cultivar:** Pink Cloud **Family:** Caprifoliaceae **Tsnum:** 04006  
**Common Name:** Pink Cloud Beauty Bush  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** D7, D8

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Irregular, upright

**Plant Height:** 8-10 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount, not showy

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 5/29/2006

**Flower Color:** Light Pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Should have more flowers as it becomes better established.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Larix decidua **Variety:** -0-  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 82229  
**Common Name:** European Larch  
**Source:** Fort Collins Nursery **Quantity observed:** 3 **Location:** E8, E9

**Observation Date of Plant:** 9/12/2016

**Plant Habit:** Pyramidal

**Plant Height:** 40-50 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Needles have a very soft texture. Winter appearance isn't very attractive after needles fall off but it looks great in spring when bright green needles emerge.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Larix kaempferi **Variety:** -0-  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 91066  
**Common Name:** Japanese Larix  
**Source:** Washington Park Arboretum **Quantity observed:** 1 **Location:** E9

**Observation Date of Plant:** 9/12/2016

**Plant Habit:** Narrow, pyramidal

**Plant Height:** 20-27 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Canopy is a too thin to look good. Looks very leggy. May be a little too crowded by nearby trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Larix kaempferi **Variety:**  
**Cultivar:** Diana **Family:** Pinaceae **Tsnum:** 09135  
**Common Name:** Diana Japanese Larch  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:**

**Observation Date of Plant:** 10/1/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 8-10 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 5-8 in.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. Twisted branches add considerable interest. Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Larix sibirica **Variety:** -0-  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 80115  
**Common Name:** Siberian Larch  
**Source:** USDA, Glendale, MD **Quantity observed:** 1 **Location:** E9

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Pyramidal

**Plant Height:** 24-30 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Bright yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Ligistrum foliosum **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleoaceae **Tsnum:** 91065  
**Common Name:** Privet  
**Source:** Washington Park Arboretum **Quantity observed:** 2 **Location:** A8

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 6-8 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Minimal fruiting

**Fruit Color:** Green turning to dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Most years this selection has superior fruit quantity and is very attractive but seems to be declining due to too much shade from nearby plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ligustrum amurense **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 85081  
**Common Name:** Golden Hillside Privet  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** F6

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 6-9 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Yellow foliage on outer branches and medium green towards the inner branches.  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Hedge, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Dark purple  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Leaf color may be confused with chlorosis.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Ligustrum ibota **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 81090  
**Common Name:** Privet  
**Source:** US Nat'l Arboretum **Quantity observed:** 3 **Location:** D7, E7

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Upright oval when young and becoming more rounded.  
**Plant Height:** 10-15 ft.  
**Plant Width:** 12-18 ft  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Green turning to purple  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Two of three rejuvenated in 2009.

**Observation Date of Flowers:** 6/5/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 20-40%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Flowers are tiny and don't add a great deal of color. Fragrant.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ligustrum obtusifolium **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 90055  
**Common Name:** Border Privet  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A7

**Observation Date of Plant:** 9/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 4 - 6 ft.

**Plant Width:** 6-10 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Getting crowded out by neighboring plants but would probably look fine with more space.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Ligustrum obtusifolium *Variety:* -0-  
*Cultivar:* -0- *Family:* Oleaceae *Tsnum:* 81091  
*Common Name:* Privet  
*Source:* US Nat'l Arboretum *Quantity observed:* 2 *Location:* E8

*Observation Date of Plant:* 9/30/2016  
*Plant Habit:* broad oval  
*Plant Height:* 8 - 12 ft.  
*Plant Width:* 15-20 ft.  
*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Not very important  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Wildlife, specimen, xeriscape, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* Abundant  
*Fruit Color:* Green turning to purple  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:* 6/5/2006  
*Flower Color:* White  
*Flower Type:* Cluster  
*Flower Effect:* Fair  
*% of Flower Coverage:* 40-60%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:* Flowers are tiny and don't add a great deal of color. Fragrant.

*Fall Color or Fruit:* Fall color *Date of observation:* 10/1/2006  
*Aesthetics:* Fair *Persistence:* 1-2 weeks  
*Fall Color:* Yellow

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---

**Scientific Name:** Ligustrum vulgare **Variety:**  
**Cultivar:** Lodense **Family:** Oleaceae **Tsnum:** 06019  
**Common Name:** Lodense Privet  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** D8, E7

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 4-5 ft.  
**Plant Width:** 5-7 ft.  
**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Very attractive growth habit and foliage.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Ligustrum x vicaryi **Variety:**  
**Cultivar:** **Family:** Oleaceae **Tsnum:** 07077  
**Common Name:** Golden Vicary Privet  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 9/26/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 4 ft.  
**Plant Width:** 2-4 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. Tips of stem are a light yellow/green hence the 'golden' part of the name but mostly green in September.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Liriodendron tulipifera *Variety:*  
*Cultivar:* Ames 29821 *Family:* Magnoliaceae *Tsnum:* 13045  
*Common Name:* Tulip Tree  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* SC05-05

*Observation Date of Plant:* 10/5/2015

*Plant Habit:* Young, undefined

*Plant Height:* 4-5 ft.

*Plant Width:* 2-3 ft.

*Current Seasons Growth:* 9-14 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shade tree

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:* Needs to be pruned to establish central leader.

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2014.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Liriodendron tulipifera **Variety:**  
**Cultivar:** Auero-Marginata **Family:** Magnoliaceae **Tsnum:** 13025  
**Common Name:** Majestic Beauty Tulip Tree  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 6-8 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Shade tree, specimen

**Overall Plant Health:** Good  
**Fruit Present:**  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Liriodendron tulipifera *Variety:*  
*Cultivar:* JFA-Oz *Family:* Magnoliaceae *Tsnum:* 09016  
*Common Name:* Emerald City Tuliptree  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 2 *Location:* E1, D1

*Observation Date of Plant:* 10/8/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 12-18 ft.  
*Plant Width:* 8-12 ft.  
*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2011. This is a good looking tree with excellent vigor.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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*Scientific Name:* Lonicera alpigena *Variety:*  
*Cultivar:* 24598 *Family:* Caprifoliaceae *Tsnum:* 03027  
*Common Name:* Alpine Honeysuckle  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 2 *Location:* A12, B12

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Round

*Plant Height:* 3-5 ft.

*Plant Width:* 5-8 ft.

*Current Seasons Growth:* 4-8 in.

*Foliage Color:* Medium to dark green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Cherry red

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in arboretum in 2003. Fruit looks very similar to a pie cherry but half as big. It is an interesting feature but is often hiding under foliage so not too showy. Attractive growth habit - more compact than most Lonicera.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

*Scientific Name:* Lonicera alpigena *Variety:* -0-  
*Cultivar:* Nana *Family:* Caprifoliaceae *Tsnum:* 85099  
*Common Name:* Dwarf Alps Honeysuckle  
*Source:* Bailey Nurseries *Quantity observed:* 1 *Location:* A13

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Broad oval

*Plant Height:* 1-2 ft.

*Plant Width:* 4-5 ft

*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium to dark green

*Bark Characteristics:* Not very important

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Dark red

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Rejuvenated in 2016 and would look better with more sunlight.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Lonicera claveyi **Variety:** nana  
**Cultivar:** Miniglobe **Family:** Caprifoliaceae **Tsnum:** 86158  
**Common Name:** Miniglobe Clavey's Honeysuckle  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** A13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round to broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 3-6 ft.

**Current Seasons Growth:** 3-7 in.

**Foliage Color:** Medium blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** In the past these had a nice dense growth habit and were very attractive. Would look much better with more sunlight.

**Observation Date of Flowers:** 5/26/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 20-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Few flowers - not very showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Lonicera fragrantissima **Variety:**  
**Cultivar:** **Family:** Caprifoliaceae **Tsnum:** 95004  
**Common Name:** Winter Honeysuckle  
**Source:** Sherman Nursery **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Arching  
**Plant Height:** 3-5 ft.  
**Plant Width:** 4-8 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2002. Canopy is very thin and leggy - may do better in a sunnier site.

**Observation Date of Flowers:** 3/27/2012

**Flower Color:** white

**Flower Type:** Cluster

**Flower Effect:** Poor

**% of Flower Coverage:** 20-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Very nice fragrance but very few.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Lonicera hybrid **Variety:** -0-  
**Cultivar:** #14 **Family:** Caprifoliaceae **Tsnum:** 93120  
**Common Name:** Honeysuckle  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 4-6 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Aphids  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in 2014.

**Observation Date of Flowers:** 5/2/2006  
**Flower Color:** Red  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 85-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Lonicera involucrata      **Variety:** -0-  
**Cultivar:** Flavescens      **Family:** Caprifoliaceae      **Tsnum:** 83023  
**Common Name:** Twinberry  
**Source:** Blardy Experiment Farm      **Quantity observed:** 1      **Location:** A13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Round to broad oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Red turning to brown  
**Insect Pests:** Aphids  
**Pest Severity:** Moderate injury

**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal  
**Comments on plant:** Aphids causing witch's broom decreasing appearance. A little crowded and difficult to determine true growth habit.

**Observation Date of Flowers:** 5/19/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 80-95%  
**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

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**Scientific Name:** Lonicera korolkowii **Variety:** -0-  
**Cultivar:** Floribunda **Family:** Caprifoliaceae **Tsnum:** 81316  
**Common Name:** Blueleaf Honeysuckle  
**Source:** USDA, Cheyenne **Quantity observed:** 2 **Location:** A12, A13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Arching

**Plant Height:** 6-8 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Moderate amount

**Fruit Color:** Orange/Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Great leaf color. Rejuvenated in 2007 but slow to regain form probably due to increased shade since original planting. Looks a little leggy. Would look better in full sun.

**Observation Date of Flowers:** 5/26/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 75-85%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Lonicera korolkowii floribunda **Variety:**  
**Cultivar:** Blue Velvet **Family:** Caprifoliaceae **Tsnum:** 97261  
**Common Name:** Blue Velvet Honeysuckle  
**Source:** Fort Collins Nursery **Quantity observed:** 3 **Location:** G1, G2

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Blue/green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Excellent

**Fruit Present:** Abundant, showy

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks leggy when young but has great leaf color. Needs a large area.

**Observation Date of Flowers:** 5/26/2006

**Flower Color:** Lt. Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 75-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Lonicera maacki podocarpa **Variety:**  
**Cultivar:** Rem Red **Family:** Caprifoliaceae **Tsnum:** 95017  
**Common Name:** Rem Red Honeysuckle  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** A13, B13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval, arching  
**Plant Height:** 10-15 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Abundant, showy  
**Fruit Color:** Still small and green in mid-September, very showy in October.  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Foliage and fruit still looks fresh and green late in year.

**Observation Date of Flowers:** 5/26/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 80-90%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Lonicera maackii **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 90056  
**Common Name:** Amur Honeysuckle  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** AA13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 7-10 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Abundant

**Fruit Color:** Red, showy

**Insect Pests:** Aphids

**Pest Severity:** Minor injury

**Plant Disease:** Leaf spot

**Disease Severity:** Minor injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of the best Lonicera for attractive fruit. Would look better in full sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Lonicera prolifera *Variety:*  
*Cultivar:* *Family:* Caprifoliaceae *Tsnum:* 00063  
*Common Name:* Grape Honeysuckle  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* CFA

*Observation Date of Plant:* 9/18/2014  
*Plant Habit:* Creeping (ground cover)  
*Plant Height:* 5 ft.  
*Plant Width:* 4-6 ft.  
*Current Seasons Growth:* 1-2 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Vine, ground cover, specimen

*Overall Plant Health:* Fair to good  
*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Marginal

*Comments on plant:* Not a lot of vigor despite a good location. Moved in fall of 2016 due to unavoidable construction.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Lonicera reticulata **Variety:**  
**Cultivar:** Kintzley's Ghost **Family:** Caprifoliaceae **Tsnum:** 11077  
**Common Name:** Kintzley's Ghost Honeysuckle  
**Source:** Plant Select **Quantity observed:** 1 **Location:** G0

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Vine

**Plant Height:** 3 ft. on rail fence

**Plant Width:** 6 ft. along rail fence

**Current Seasons Growth:** 3-4 ft.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Vine, screen

**Overall Plant Health:** Fair

**Fruit Present:** Moderate amount

**Fruit Color:** Red, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** May have better vigor with more irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Lonicera sempervirens **Variety:**  
**Cultivar:** Magnifica **Family:** Caprifoliaceae **Tsnum:** 15080  
**Common Name:** Magnifica Trumpet Honeysuckle  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2015 - too soon to evaluate in 2015 but will be on rotating schedule for 2017.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Lonicera tatarica **Variety:** -0-  
**Cultivar:** Siberica **Family:** Caprifoliaceae **Tsnum:** 82217  
**Common Name:** Siberian Honeysuckle  
**Source:** USDA, Mandan, ND **Quantity observed:** 1 **Location:** A13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 10-14 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Abundant fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Would probably look better with more sunlight. Half was rejuvenated in 2016. Slowly starting to colonize nearby area.

**Observation Date of Flowers:** 6/2/2003

**Flower Color:** White/pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Lonicera x  
**Cultivar:** Freedom  
**Common Name:** Freedom Honeysuckle  
**Source:** USDA/NC-7, Ames, IA  
**Family:** Caprifoliaceae  
**Variety:**  
**Tsnum:** 84245  
**Quantity observed:** 1  
**Location:** A13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Arching

**Plant Height:** 4-5 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Abundant fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage color is much less blue/gray than Lonicera korolkowii but still attractive.  
Would look better in full sun. Rejuvenated in 2016.

**Observation Date of Flowers:** 6/2/2003

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Lonicera x **Variety:**  
**Cultivar:** Honeyrose **Family:** Caprifoliaceae **Tsnum:** 96088  
**Common Name:** Honeyrose Honeysuckle  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** AA12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 6-8 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 36-48 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Red  
**Insect Pests:** Aphids  
**Pest Severity:** Moderate injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Rejuvenated in 2011. Some witches brooming from aphids is unattractive.

**Observation Date of Flowers:** 6/2/2003  
**Flower Color:** Pink  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 51-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Lonicera xylostium **Variety:**  
**Cultivar:** Emerald Mound **Family:** Caprifoliaceae **Tsnum:** 98017  
**Common Name:** Emerald Mound Honeysuckle  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 2.5 - 3.5 ft.

**Plant Width:** 7-9 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Maackia amurensis **Variety:**  
**Cultivar:** **Family:** Fabaceae **Tsnum:** 00066  
**Common Name:** Amur maackia  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** SC10-1, D7

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Round

**Plant Height:** 6-10 ft.

**Plant Width:** 5-6 ft.

**Current Seasons Growth:** 2-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Brown, unattractive

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker on one of two

**Disease Severity:** Moderate to severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2003. Vandals removed about 50% of canopy in 2005 on one of two trees.

**Observation Date of Flowers:** 6/25/2007

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 30-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Maackia amurensis **Variety:**  
**Cultivar:** JFS-Schichtel 1 **Family:** Fabaceae **Tsnum:** 14013  
**Common Name:** Maackia amurensis  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC07-2

**Observation Date of Plant:** 8/15/2016

**Plant Habit:** Upright oval, narrow

**Plant Height:** 8-12 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** intermediate importance

**Plant Summer Texture:** medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend .

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Maackia amurensis **Variety:**  
**Cultivar:** Starburst **Family:** Fabaceae **Tsnum:** 05007  
**Common Name:** Starburst Amur Maackia  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC07-01

**Observation Date of Plant:** 8/15/2016  
**Plant Habit:** Upright oval/vase  
**Plant Height:** 10-15 ft.  
**Plant Width:** 7-11 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** Few - not attractive  
**Fruit Color:** Green turning to brown  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2010. Dried seed pods are a significant detraction from appearance - a seedless form would be the best if it existed.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Maclura pomifera **Variety:**  
**Cultivar:** White Shield **Family:** Moraceae **Tsnum:** 15056  
**Common Name:** White Shield Osage Orange  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-13

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 7-10 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** none  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** n/a  
**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Magnolia acuminata **Variety:**  
**Cultivar:** **Family:** Magnoliaceae **Tsnum:** 04197  
**Common Name:** Cucumbertree Magnolia  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** SC8-10

**Observation Date of Plant:** 8/24/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2005. Large, attractive foliage.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Magnolia x  
**Cultivar:** Ann  
**Common Name:** Ann Magnolia  
**Source:** Bailey Nurseries

**Family:** Magnoliaceae

**Variety:**  
**Tsnum:** 08044

**Quantity observed:** 2 **Location:** E0

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Irregular  
**Plant Height:** 3-5 ft.  
**Plant Width:** 3-6 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good to fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**

**Cultural Problems:** Both plants are in a difficult area to irrigate at edge of arboretum.  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2009. One of two plants is less vigorous but vigor would probably improve with more irrigation. The better plant is in more shade.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Magnolia x  
**Cultivar:** Galaxy  
**Common Name:** Galaxy Magnolia  
**Source:** US Nat'l Arboretum

**Variety:** -0-  
**Tsnum:** 83010

**Family:** Magnoliaceae

**Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 10/7/2015  
**Plant Habit:** Broad oval to round  
**Plant Height:** 15-20 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 4/14/2006  
**Flower Color:** White on upper side/Purple on lower side of petal  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 50-60%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color  
**Aesthetics:** fair  
**Fall Color:** Yellow

**Date of observation:** 10/6/2008  
**Persistence:** 1-2 weeks

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---

**Scientific Name:** Mahonia aquifolium **Variety:**  
**Cultivar:** John Muir **Family:** Berberidaceae **Tsnum:** 13118  
**Common Name:** John Muir Oregon Grape Holly  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 2 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2013. Would probably look better if not for sudden severe freeze November 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Mahonia haematocarpa **Variety:**  
**Cultivar:** **Family:** Berberidaceae **Tsnum:** 97246  
**Common Name:** Mahonia  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G2

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Upright to irregular

**Plant Height:** 5-6 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen, barrier, shrub border

**Overall Plant Health:** Excellent

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2009. Nice foliage color and foliage shape but also has very sharp tips which can be annoying . Growth habit is a little leggy.

**Observation Date of Flowers:**

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowering date lost due to software problem.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus **Variety:**  
**Cultivar:** Dolgo **Family:** Rosaceae **Tsnum:** 76064  
**Common Name:** Dolgo Crabapple  
**Source:** unknown source **Quantity observed:** 1 **Location:** F2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Round

**Plant Height:** 25-35 ft.

**Plant Width:** 35-45 ft.

**Current Seasons Growth:** 6-12in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, areas that have height limits

**Overall Plant Health:** Good

**Fruit Present:** Abundant earlier in season

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Dependable over many years.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus **Variety:** -0-  
**Cultivar:** Guenevere **Family:** Rosaceae **Tsnum:** 92118  
**Common Name:** Guenevere Crabapple  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Wildlife, specimen, small/confined areas

**Overall Plant Health:** Fair to good

**Fruit Present:** Few fruit

**Fruit Color:** Green turning to red-orange blush

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has mild chlorosis.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** White/Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Red buds are striking combined with white flowers.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/20/2009

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Orange/yellow with a hint of red



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**Scientific Name:** Malus **Variety:**  
**Cultivar:** Jarmin **Family:** Rosaceae **Tsnum:** 12036  
**Common Name:** Marilee Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC10-07

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 3 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014. Lower branches appears to have been grazed by deer.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus **Variety:**  
**Cultivar:** JFS-KWS **Family:** Rosaceae **Tsnum:** 03041  
**Common Name:** Royal Raindrops Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** DH

**Observation Date of Plant:** 9/15/2015

**Plant Habit:** Round

**Plant Height:** 12-18 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Moderate, small

**Fruit Color:** Dark red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Interesting cut leaf shape and consistent dark red foliage color. Canopy may be a little more open.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus **Variety:**  
**Cultivar:** Malusquest **Family:** Rosaceae **Tsnum:** 11021  
**Common Name:** Pink Sparkles Crabapple  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** F3, SC10-18

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 5-6 ft.  
**Current Seasons Growth:** 8-16 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor to good  
**Landscape Uses:** Specimen, wildlife

**Overall Plant Health:** Poor to good  
**Fruit Present:** Few, showy  
**Fruit Color:** Red  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Severe injury

**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2014. One of two trees has large cankers on trunk and near death.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Malus sargentii **Variety:**  
**Cultivar:** Beeson **Family:** Rosaceae **Tsnum:** 07024  
**Common Name:** May's Delight Flowering Crab  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** F2, F3

**Observation Date of Plant:** 9/10/2015

**Plant Habit:** Upright oval

**Plant Height:** 7-10 ft

**Plant Width:** 6-10 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Wildlife, specimen, small/confined areas

**Overall Plant Health:** Fair to poor

**Fruit Present:** Abundant, showy

**Fruit Color:** Dark red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2009. Weak health, 50% dieback at top and moderate suckering on one of two trees. Second tree looks better but canopy is a little thin there are a few dead branches but only about 10% of canopy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus sargentii **Variety:**  
**Cultivar:** Select A **Family:** Rosaceae **Tsnum:** 00159  
**Common Name:** Firebird Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F3

**Observation Date of Plant:** 9/10/2015

**Plant Habit:** Upright oval

**Plant Height:** 12-15 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Wildlife, specimen, small/confined areas

**Overall Plant Health:** Poor to fair

**Fruit Present:** Few, very small

**Fruit Color:** Green turns to rose/red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2004. Has severe chlorosis from unknown cause.

**Observation Date of Flowers:** 5/5/2006

**Flower Color:** Pink buds, white flowers

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 10/20/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Malus sp. **Variety:**  
**Cultivar:** Makamik **Family:** Rosaceae **Tsnum:** 94047  
**Common Name:** Makamik Crabapple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** F0

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 12-16 ft.

**Plant Width:** 12-16 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Medium red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** No suckering.

**Recommended:** Yes

**Comments on plant:** Medium sized fruit (1/2 - 3/4").

**Observation Date of Flowers:** 4/22/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Malus species *Variety:* -0-  
*Cultivar:* -0- *Family:* Rosaceae *Tsnum:* 78020  
*Common Name:* Crabapple  
*Source:* Lincoln Oaks Nurseries *Quantity observed:* 2 *Location:* G2, F2

*Observation Date of Plant:* 10/5/2015  
*Plant Habit:* Round to broad oval  
*Plant Height:* 25-35 ft.  
*Plant Width:* 30-40 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Wildlife, specimen

*Overall Plant Health:* Good  
*Fruit Present:* Few  
*Fruit Color:* Green turns to rosy red on 1/2 in. fruit  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:* 4/22/2006  
*Flower Color:* White  
*Flower Type:* Cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 80-100%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 10/9/2003  
*Aesthetics:* Fair *Persistence:* 1-2 weeks  
*Fall Color:* yellow

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**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** American Beauty **Family:** Rosaceae **Tsnum:** 82119  
**Common Name:** American Beauty Flowering Crabapple  
**Source:** Mount Arbor Nursery **Quantity observed:** 4 **Location:** F1, F2, F3

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Vase to broad oval

**Plant Height:** 15-20 ft.

**Plant Width:** 25-40 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Very few, small, < 1 in.

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has light to moderate suckering.

**Observation Date of Flowers:** 4/24/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** golden yellow

**Date of observation:** 10/9/2003

**Persistence:** 1-2 weeks



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**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Brandywine **Family:** Rosaceae **Tsnum:** 83138  
**Common Name:** Brandywine Flowering Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** F0

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 15-20 ft.

**Plant Width:** 25-30 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few fruit, large size about 2 in.

**Fruit Color:** Light green/yellow

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate to heavy suckering.

**Recommended:** Yes

**Comments on plant:** Flowers can be spectacular but fruit is large (1.5-2") and can make a mess in the Fall. Suckering can be a problem.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Very spectacular this year. Nice double petals - buds appear as large pink marbles.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/15/2009

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** red, orange

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Centurion **Family:** Rosaceae **Tsnum:** 87102  
**Common Name:** Centurion Flowering Crabapple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 3 **Location:** F2, F1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 15-20 ft.

**Plant Width:** 12-17 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Rose blush but turns red - fairly bright, nice gloss

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Two trees have mild chlorosis and all have low vigor.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** Lt. Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Coralburst **Family:** Rosaceae **Tsnum:** 78086  
**Common Name:** Coralburst Flowering Crabapple  
**Source:** Cole Nursery **Quantity observed:** 2 **Location:** E0

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Broad oval, multistem  
**Plant Height:** 12-17 ft.  
**Plant Width:** 25-30 ft.  
**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan/green, not showy  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:** No suckering  
**Recommended:** Yes  
**Comments on plant:** Nice uniform canopy shape.

**Observation Date of Flowers:** 4/26/2006  
**Flower Color:** White/Red  
**Flower Type:** Cluster  
**Flower Effect:** Poor  
**% of Flower Coverage:** 10-15%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** White on inside of petal, red on outside. Seems to be flowering mostly in alternate years.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Flame **Family:** Rosaceae **Tsnum:** 83147  
**Common Name:** Flame Flowering Crabapple  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** G2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval

**Plant Height:** 20-25 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, areas with height restrictions

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Green turning red/rose

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** May have a wider growth habit if it had more space.

**Observation Date of Flowers:** 4/22/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Pink blush to bud.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Inglis **Family:** Rosaceae **Tsnum:** 78090  
**Common Name:** Inglis Flowering Crabapple  
**Source:** Unknown **Quantity observed:** 1 **Location:** F1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 15-20 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few fruit

**Fruit Color:** Light green turning to red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Has 50% dieback and vigor is low - possibly from sudden severe freeze November 2014.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Liset **Family:** Rosaceae **Tsnum:** 90028  
**Common Name:** Liset Crab  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 10 - 12 ft.

**Plant Width:** 18-24 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair to poor

**Fruit Present:** Abundant fruit

**Fruit Color:** Dark red with white haze on surface.

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering.

**Recommended:** Marginal

**Comments on plant:** Dark red fruit with white haze obscuring color. Canopy is a little thin with severe chlorosis on many tips of one tree. Would probably look better if not crowded by neighboring plants.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x  
**Cultivar:** Pink Satin Crabapple      **Family:** Rosaceae      **Variety:**  
**Common Name:** Pink Satin Crabapple      **Tsnum:** 02083  
**Source:** Bailey Nurseries      **Quantity observed:** 1      **Location:** E1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 12-17 ft.

**Plant Width:** 14-18 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good

**Fruit Present:** Abundant fruit, showy

**Fruit Color:** Light green turning a bright shiny red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** Lt. Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x  
**Cultivar:** Prairie Maid                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Prairie Maid Crabapple                      **Tsnum:** 02080  
**Source:** Bailey Nurseries                      **Quantity observed:** 2                      **Location:** F2, F3

**Observation Date of Plant:** 9/15/2015  
**Plant Habit:** Irregular to round  
**Plant Height:** 10-14 ft.  
**Plant Width:** 12-18 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** Abundant, showy  
**Fruit Color:** Red/rose blush  
**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. Moderate suckering. Fruit turns red fairly quick compared to older cultivars. Has mild chlorosis from unknown cause.

**Observation Date of Flowers:** 5/3/2006

**Flower Color:** Dark Pink

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 30-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowering may improve as the tree becomes further established - just planted within the last two years.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/25/2009

**Aesthetics:** good

**Persistence:** 1-2 weeks

**Fall Color:** Yellow/orange



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---

**Scientific Name:** Malus x  
**Cultivar:** Red Barron  
**Common Name:** Red Barron Crabapple  
**Source:** Carlton Plants

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 09079  
**Location:** E2

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval

**Plant Height:** 12-18 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, small areas

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount, small, showy

**Fruit Color:** Medium red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Red Silver **Family:** Rosaceae **Tsnum:** 82095  
**Common Name:** Red Silver Flowering Crabapple  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** E1, F1

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 14-18 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Dark green, shades of red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Dark red with a white haze on surface on some.

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering.

**Recommended:** Yes

**Comments on plant:** Foliage is dark green with a dark red blush.

**Observation Date of Flowers:** 4/24/2006

**Flower Color:** Dark Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/9/2003

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** deep red, orange, purple

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Royal Red **Family:** Rosaceae **Tsnum:** 78088  
**Common Name:** Royal Red Flowering Crabapple  
**Source:** Cole Nursery **Quantity observed:** 1 **Location:** E0

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 12-18 ft.

**Plant Width:** 15-25 ft.

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering.

**Recommended:** No

**Comments on plant:** Entire tree is moderately to severely chlorotic with declining vigor. Neighboring tree was removed so this may improve with more space and easier irrigation.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** Dark Pink

**Flower Type:** Cluster

**Flower Effect:** Fair to poor

**% of Flower Coverage:** 15-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Large flowers but very few. Color is less intense or dull compared to most other crabapples.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x  
**Cultivar:** Silver Drift  
**Common Name:** Silver Drift Crabapple  
**Source:** Bailey Nurseries

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 02082  
**Location:** F1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Round

**Plant Height:** 13-18 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few small

**Fruit Color:** Green turning to red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** No suckering

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003.

**Observation Date of Flowers:** 4/24/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x  
**Cultivar:** Sinai Fire                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Sinai Fire Crabapple                      **Tsnum:** 90121  
**Source:** J. Frank Schmidt and Son Co    **Quantity observed:** 1    **Location:** F0

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 12-16 ft.

**Plant Width:** 22-28 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, height restricted areas

**Overall Plant Health:** Good

**Fruit Present:** Abundant fruit, showy

**Fruit Color:** Yellow turning rosy red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** No suckering

**Recommended:** Yes

**Comments on plant:** Has a tiny bit of chlorosis on 5% of canopy.

**Observation Date of Flowers:** 4/25/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Sugar Tyme **Family:** Rosaceae **Tsnum:** 87103  
**Common Name:** Sugar Tyme Flowering Crabapple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 2 **Location:** E1, F1

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval to rounded

**Plant Height:** 12-18 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Green turning to red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/21/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Pink buds.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Dull yellow

**Date of observation:** 10/20/2009

**Persistence:** 1-2 weeks

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**Scientific Name:** Malus x **Variety:**  
**Cultivar:** Thunderchild **Family:** Rosaceae **Tsnum:** 09080  
**Common Name:** Thunderchild Crabapple  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** DS

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval

**Plant Height:** 18-25 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Dark green/red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Dark Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x  
**Cultivar:** Thunderchild                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Thunderchild Crabapple                      **Tsnum:** 97059  
**Source:** A. McGill & Son Nursery                      **Quantity observed:** 2                      **Location:** E1, G0

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright oval

**Plant Height:** 12-18 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Red/dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Purple/red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering.

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003.

**Observation Date of Flowers:** 4/19/2006

**Flower Color:** Dark pink fading to light pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Red/purple

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Van Eseltine **Family:** Rosaceae **Tsnum:** 78087  
**Common Name:** Van Eseltine Flowering Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** E0

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Vase

**Plant Height:** 15-20 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen, small/confined areas

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Green turning to red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:** Vigor is low in regard to new growth but canopy is full. Nice growth habit for narrow areas. Moderate chlorosis - may do better if not on edge of arboretum where irrigation is less uniform.

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Double petals. Buds are dark pink and very showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Weeping Candied Apple **Family:** Rosaceae **Tsnum:** 83136  
**Common Name:** Weeping Candied Apple Flowering Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 12-17 ft.

**Plant Width:** 18-24 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, confined height areas

**Overall Plant Health:** Good

**Fruit Present:** Moderate fruiting

**Fruit Color:** Green turns to medium red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Abundant suckering.

**Recommended:** Yes

**Comments on plant:** Not a very weeping habit - it is fairly subtle.

**Observation Date of Flowers:** 4/25/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Very impressive flower display.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/20/2009

**Aesthetics:** Fair to poor

**Persistence:** 1-2 weeks

**Fall Color:** Yellow, orange/red

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---

**Scientific Name:** Malus x **Variety:** -0-  
**Cultivar:** Zuni **Family:** Rosaceae **Tsnum:** 80155  
**Common Name:** Zuni Flowering Crabapple  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** F1

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 15 - 20 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 4/29/2003  
**Flower Color:** n/a  
**Flower Type:**  
**Flower Effect:** Poor  
**% of Flower Coverage:**  
**Bloom Stage:** n/a  
**Comments on Flowers:** No sign of flower or buds this year - just leaves.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Microbiota decussata      **Variety:**  
**Cultivar:** Condavis      **Family:** Cupressaceae      **Tsnum:** 15086  
**Common Name:** Fuzzball Siberian Carpet Cypress  
**Source:** Monrovia Growers      **Quantity observed:** 1      **Location:** E13

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Spreading  
**Plant Height:** 1 ft.  
**Plant Width:** 2-4 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Shrub border, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Morus alba **Variety:** -0-  
**Cultivar:** -0- **Family:** Moraceae **Tsnum:** 81149  
**Common Name:** White Mulberry  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/7/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 25-30 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Large, shade tree, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker on branch

**Disease Severity:** Minor injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has minor suckering.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** bright golden yellow

**Date of observation:** 10/28/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Morus alba **Variety:** -0-  
**Cultivar:** Chapparal **Family:** Moraceae **Tsnum:** 78202  
**Common Name:** Chapparal White Mulberry  
**Source:** Alameda Wholesale Nursery **Quantity observed:** 1 **Location:** C0

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 25 - 35 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 3-4 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Wet wood

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Some wet wood along pruning cuts and included bark. Has significant deadwood accumulation which can be high maintenance. Old storm damage may shorten life.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** bright golden yellow

**Date of observation:** 10/28/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Morus alba **Variety:**  
**Cultivar:** Tatarica **Family:** Moraceae **Tsnum:** 94048  
**Common Name:** Russian Mulberry  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/7/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 25-30 ft.

**Plant Width:** 25-30 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Leaves are relatively small and less coarse looking. Some wet wood developing in a main branch crotch.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Ostrya virginiana *Variety:* -0-  
*Cultivar:* -0- *Family:* Betulaceae *Tsnum:* 84122  
*Common Name:* American Hornbeam  
*Source:* Jewell Nursery, Inc. *Quantity observed:* 1 *Location:* E5

*Observation Date of Plant:* 10/9/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 20-25 ft.  
*Plant Width:* 15 - 20 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good  
*Fruit Present:* Abundant fruiting  
*Fruit Color:* Tan  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Growth habit may be wider if not crowded by neighboring plants.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 10/6/2008  
*Aesthetics:* Good *Persistence:* 1-2 weeks  
*Fall Color:* Yellow



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---

**Scientific Name:** Ostrya virginiana **Variety:** -0-  
**Cultivar:** -0- **Family:** Betulaceae **Tsnum:** 89110  
**Common Name:** American Hop Hornbeam  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** F5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval, pyramidal

**Plant Height:** 18-24 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Paulonia tomentosa **Variety:**  
**Cultivar:** **Family:** Scrophulariaceae **Tsnum:** 10107  
**Common Name:** Princesstree  
**Source:** Plant Select/DBG **Quantity observed:** 2 **Location:** D7, D8

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright

**Plant Height:** 10-15 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 4-6 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Excellent

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2011. Has huge leaves and impressive vigor. Dies to ground almost every winter but not last winter. Size is very unique.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/8/2012

**Aesthetics:** Very poor - after hard fre **Persistence:**

**Fall Color:** none

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**Scientific Name:** Phellodendron amurense **Variety:** -0-  
**Cultivar:** -0- **Family:** Rutaceae **Tsnum:** 77010  
**Common Name:** Amur Corktree  
**Source:** Unknown **Quantity observed:** 2 **Location:** B4, C4

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Vase

**Plant Height:** 35-45 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Light yellow

**Date of observation:** 10/10/2011

**Persistence:** 1 week

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---

**Scientific Name:** Phellodendron amurense **Variety:**  
**Cultivar:** Longenecker **Family:** Rutaceae **Tsnum:** 15057  
**Common Name:** Eye Stopper Cork Tree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-05

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval

**Plant Height:** 5-6 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Phellodendron amurense **Variety:** -0-  
**Cultivar:** Macho **Family:** Rutaceae **Tsnum:** 93098  
**Common Name:** Macho Amur Corktree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C5

**Observation Date of Plant:** 10/6/2015

**Plant Habit:** Vase

**Plant Height:** 35-45 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight to moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** May look better with more sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** pale yellow

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

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*Scientific Name:* Phellodendron chinensis *Variety:* -0-  
*Cultivar:* -0- *Family:* Rutaceae *Tsnum:* 81065  
*Common Name:* Chinese Corktree  
*Source:* Minnesota Landscape Arbore *Quantity observed:* 2 *Location:* B5

*Observation Date of Plant:* 9/29/2015

*Plant Habit:* Upright oval to round

*Plant Height:* 45-55 ft.

*Plant Width:* 40-50 ft.

*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Philadelphus coronarius **Variety:**  
**Cultivar:** Aureus **Family:** Saxifragaceae **Tsnum:** 10011  
**Common Name:** Golden Mockorange  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** E7

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright oval

**Plant Height:** 3-4.5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green with yellow on new growth

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few, not showy

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Philadelphus lewisii **Variety:**  
**Cultivar:** **Family:** Saxifragaceae **Tsnum:** 97256  
**Common Name:** Lewis Mock Orange  
**Source:** Fort Collins Nursery **Quantity observed:** 4 **Location:** G1

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 8-10 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 3-5 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Abundant, not showy  
**Fruit Color:** Brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2010 and looks much more vigorous. Growth habit may be wider if not crowded by neighboring plants.

**Observation Date of Flowers:** 6/1/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 85-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Very showy even at a distance of several hundred feet.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/16/2003  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** yellow



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---

**Scientific Name:** Philadelphus microphyllus **Variety:**  
**Cultivar:** June Bride **Family:** Saxifragaceae **Tsnum:** 08067  
**Common Name:** June Bride Mockorange  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** E5

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Round

**Plant Height:** 2-3 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Fine foliage is attractive and plant is getting more attractive as it gets bushy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Philadelphus x virginalis **Variety:** -0-  
**Cultivar:** Glacier **Family:** Saxifragaceae **Tsnum:** 83146  
**Common Name:** Glacier Virginal Mockorange  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 5-7 ft.

**Plant Width:** 6-8 ft

**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border,

**Overall Plant Health:** Fair

**Fruit Present:** Few

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Needs regular pruning to look good and remove old growth.

**Observation Date of Flowers:** 6/9/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 85-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Philadelphus x virginalis **Variety:**  
**Cultivar:** Minature Snowflake **Family:** Hydrangeaceae **Tsnum:** 02016  
**Common Name:** Minature Snowflake Mock Orange  
**Source:** Sjulín Nurseries **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 8/31/2016  
**Plant Habit:** Round to broad oval  
**Plant Height:** 6-8 ft.  
**Plant Width:** 10-12 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in 2009.

**Observation Date of Flowers:** 6/12/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 60-80%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Very fragrant

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Philadelphus x virginalis      **Variety:** -0-  
**Cultivar:** Minnesota Snowflake      **Family:** Saxifragaceae      **Tsnum:** 83176  
**Common Name:** Minnesota Snowflake Mockorange  
**Source:** Bailey Nurseries      **Quantity observed:** 2      **Location:** F6

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Irregular, arching

**Plant Height:** 6-8 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Two plants were rejuvenated in 2008. Aesthetics would probably improve in full sun.

**Observation Date of Flowers:** 6/12/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair to poor

**% of Flower Coverage:** 10-20%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Plants have low vigor and may do better if rejuvenated.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 9/23/2004

**Persistence:** 2-4 weeks

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---

**Scientific Name:** Physocarpus **Variety:**  
**Cultivar:** Summer Wine **Family:** Rosaceae **Tsnum:** 05102  
**Common Name:** Summer Wine Ninebark  
**Source:** Proven Winners **Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval, arching

**Plant Height:** 3-4.5 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark red/green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Maintains excellent color throughout summer.

**Observation Date of Flowers:** 6/2/2007

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 5-20%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Just planted in 2006 - should get showier as it gets further established.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Physocarpus malvaceus **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 81309  
**Common Name:** Ninebark  
**Source:** Denver Botanic Gardens **Quantity observed:** 2 **Location:** C0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Arching

**Plant Height:** 8 - 10 ft.

**Plant Width:** 10 - 15 ft.

**Current Seasons Growth:** 1 - 3 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Abundant

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two was rejuvenated in 2011.

**Observation Date of Flowers:** 5/23/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Physocarpus opulifolius  
**Cultivar:** 'Nana'      **Family:** Rosaceae      **Variety:** -0-  
**Common Name:** Dwarf Ninebark      **Tsnum:** 85082  
**Source:** Jewell Nursery, Inc.      **Quantity observed:** 2      **Location:** C0

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval to round  
**Plant Height:** 4 - 6 ft.  
**Plant Width:** 5-8 ft  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Growth habit is more controlled and compact compared to the straight species.

**Observation Date of Flowers:** 6/2/2003  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 75-90%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Buds are a beautiful pink. Smaller flowers in great supply.

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Physocarpus opulifolius *Variety:* -0-  
*Cultivar:* `Nugget' *Family:* Rosaceae *Tsnum:* 89157  
*Common Name:* Nugget Ninebark  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 3 *Location:* D0, C1

*Observation Date of Plant:* 10/5/2015

*Plant Habit:* Broad oval

*Plant Height:* 8 - 10 ft.

*Plant Width:* 15 - 18 ft.

*Current Seasons Growth:* 1 - 3 ft.

*Foliage Color:* Yellow to light green matures to medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, xeriscape, shrub border

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:* 5/23/2003

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Excellent

*% of Flower Coverage:* 76-100%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

**Scientific Name:** Physocarpus opulifolius **Variety:**  
**Cultivar:** Ames 27797 NCRPIS Co **Family:** Rosaceae **Tsnum:** 07091  
**Common Name:** NCRPIS Compact Ninebark  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Young, undefined

**Plant Height:** 2-3 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2009. One of two is very chlorotic and second is slightly chlorotic.  
Most other Physocarpus look better.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Physocarpus opulifolius **Variety:**  
**Cultivar:** Center Glow **Family:** Rosaceae **Tsnum:** 08068  
**Common Name:** Center Glow Ninebark  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** D0, E0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright, irregular

**Plant Height:** 5-8 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Dark red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. Growth habit is a little leggy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Physocarpus opulifolius **Variety:** -0-  
**Cultivar:** Dart's Golden **Family:** Rosaceae **Tsnum:** 80146  
**Common Name:** Dart's Golden Ninebark  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** C0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Arching, irregular

**Plant Height:** 6 - 9 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Yellow to light green maturing to medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Abundant

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One plant rejuvenated in 2010. Some branch tips have minor chlorosis.

**Observation Date of Flowers:** 5/23/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Physocarpus opulifolius **Variety:**  
**Cultivar:** Diabolo **Family:** Rosaceae **Tsnum:** 01039  
**Common Name:** Diabolo Ninebark  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D0, C0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Rounded

**Plant Height:** 4-6 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Dark purple

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** New stems are attractive dark red during winter months. Growth habit is less leggy than most other Ninebarks.

**Observation Date of Flowers:** 6/2/2007

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 50-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** red/purple

**Date of observation:** 11/15/2005

**Persistence:** 2-4 weeks

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---

*Scientific Name:* Physocarpus opulifolius *Variety:*  
*Cultivar:* Donna May *Family:* Rosaceae *Tsnum:* 12061  
*Common Name:* Little Devil Ninebark  
*Source:* Bailey Nurseries *Quantity observed:* 2 *Location:* D0

*Observation Date of Plant:* 10/5/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 2-3 ft.  
*Plant Width:* 2-3 ft.  
*Current Seasons Growth:* 8-15 in.

*Foliage Color:* Dark red  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2013. Plant and foliage is more dwarf/compact and very attractive.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Physocarpus opulifolius **Variety:**  
**Cultivar:** Mindia **Family:** Rosaceae **Tsnum:** 12029  
**Common Name:** Coppertina Ninebark  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** D0, D1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Irregular  
**Plant Height:** 3-5 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 12-36 in.

**Foliage Color:** Dark red/green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Physocarpus opulifolius **Variety:** -0-  
**Cultivar:** Select **Family:** Rosaceae **Tsnum:** 92113  
**Common Name:** Select Ninebark  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Arching to irregular

**Plant Height:** 6-8 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 6/2/2007

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Physocarpus opulifolius **Variety:**  
**Cultivar:** Seward **Family:** Rosaceae **Tsnum:** 06008  
**Common Name:** Summer Wine Ninebark  
**Source:** Sherman Nursery **Quantity observed:** 3 **Location:** D0, E0

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Irregular, some arching  
**Plant Height:** 4-6 ft  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark red  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Abundant, adds some texture interest  
**Fruit Color:** Maroon  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2009. Foliage color doesn't fade.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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---

**Scientific Name:** Physocarpus opulifolius **Variety:**  
**Cultivar:** Snowfall **Family:** Rosaceae **Tsnum:** 94055  
**Common Name:** Snowfall Ninebark  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** A2

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Upright, arching as it matures  
**Plant Height:** 5-9 ft.  
**Plant Width:** 10-15 ft  
**Current Seasons Growth:** 18-36 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks good in a fairly xeric area. Rejuvenated two plants in 2011.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Physocarpus ribesifolius **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 96071  
**Common Name:** Ninebark  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A2

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Upright, arching as it matures  
**Plant Height:** 5-8 ft.  
**Plant Width:** 6-10 ft.  
**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair to good  
**Fruit Present:** Moderate amount of fruit  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** One of two looks stressed due to irrigation problems along edge of arboretum.

**Observation Date of Flowers:** 6/26/2006  
**Flower Color:** n/a  
**Flower Type:** n/a  
**Flower Effect:** n/a  
**% of Flower Coverage:** n/a  
**Bloom Stage:** n/a

**Comments on Flowers:** No evidence of flowers in 2006 probably is related to poor plant health and large amount of canopy dieback.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Picea abies **Variety:** -0-  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 85120  
**Common Name:** Norway Spruce  
**Source:** Zelenka Nursery **Quantity observed:** 2 **Location:** D10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Pyramidal  
**Plant Height:** 40-50 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Brown  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of three trees has a lot of sap running down the trunk from unknown cause.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea abies **Variety:** -0-  
**Cultivar:** Pendula **Family:** Pinaceae **Tsnum:** 90072  
**Common Name:** Weeping Norway Spruce  
**Source:** Oregon Garden Products **Quantity observed:** 1 **Location:** G9

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Weeping

**Plant Height:** 3-4 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A solid performer over many years. Moved in 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Picea engelmannii *Variety:* -0-  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 81289  
*Common Name:* Engelman Spruce  
*Source:* Denver Botanic Gardens *Quantity observed:* 1 *Location:* E10

*Observation Date of Plant:* 9/10/2016  
*Plant Habit:* Pyramidal  
*Plant Height:* 18-22 ft.  
*Plant Width:* 12-18 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Blue green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Excellent  
*Landscape Uses:* Specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Has a beautiful dense and uniform growth habit.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Picea glauca **Variety:** -0-  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 87113  
**Common Name:** White Spruce  
**Source:** Zelenka Nursery **Quantity observed:** 2 **Location:** D10

**Observation Date of Plant:** 9/10/2016  
**Plant Habit:** Pyramidal  
**Plant Height:** 20-27 ft.  
**Plant Width:** 15-25 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Crowding from nearby trees  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Short needles are attractive. Canopy seems to be getting thin - possibly due to very dry summers lately or it could be from crowding from nearby trees.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Picea glauca *Variety:* -0-  
*Cultivar:* Densata *Family:* Pinaceae *Tsnum:* 78062  
*Common Name:* Black Hills White Spruce  
*Source:* Colorado Nurseryman *Quantity observed:* 3 *Location:* D10, D11

*Observation Date of Plant:* 9/10/2016

*Plant Habit:* Pyramidal

*Plant Height:* 40-50 ft.

*Plant Width:* 30-40 ft.

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Blue/green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen

*Overall Plant Health:* Good

*Fruit Present:* Abundant

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Picea glauca **Variety:**  
**Cultivar:** Pendula **Family:** Pinaceae **Tsnum:** 12150  
**Common Name:** Weeping White Spruce  
**Source:** Garden and Home Show **Quantity observed:** 2 **Location:** E10

**Observation Date of Plant:** 9/26/2016  
**Plant Habit:** Weeping, narrow  
**Plant Height:** 6-8 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Blue/green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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---

**Scientific Name:** Picea glauca conica **Variety:**  
**Cultivar:** MonRon **Family:** Pinaceae **Tsnum:** 15087  
**Common Name:** Tiny Tower Alberta Spruce  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2015 - too soon to evaluate in 2015 but will be on rotating schedule for 2017.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea omorika **Variety:**  
**Cultivar:** Bruns **Family:** Pinaceae **Tsnum:** 03154  
**Common Name:** Bruns Sinberian Spruce  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Narrow pyramidal

**Plant Height:** 10-14 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few cones

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2005. Vandals removed some upper branches and central leader in 2008 but looks normal now.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea orientalis **Variety:**  
**Cultivar:** Autovirens **Family:** Pinaceae **Tsnum:** 96166  
**Common Name:** Autovirens Oriental Spruce  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Pyramidal

**Plant Height:** 15-20 ft.

**Plant Width:** 6-10 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. Branching is dense. Attractive dark green, short, soft needles.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea pungens **Variety:**  
**Cultivar:** Bakeri **Family:** Pinaceae **Tsnum:** 96085  
**Common Name:** Baker Blue Spruce  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** G10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 25-30 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Blue/gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few cones

**Fruit Color:** Brown

**Insect Pests:** Cooley spruce galls

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage color is slightly less blue than Picea 'Moorheim'.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Picea pungens *Variety:* -0-  
*Cultivar:* Glauca *Family:* Pinaceae *Tsnum:* 78099  
*Common Name:* Colorado Blue Spruce  
*Source:* Unknown *Quantity observed:* 1 *Location:* CFA

*Observation Date of Plant:* 10/14/2015

*Plant Habit:* Pyramidal

*Plant Height:* 15-22 ft.

*Plant Width:* 15-20 ft.

*Current Seasons Growth:* 6 - 12 in.

*Foliage Color:* Blue

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, native planting

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Great blue foliage color.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Picea pungens **Variety:** -0-  
**Cultivar:** Glauca **Family:** Pinaceae **Tsnum:** 78070  
**Common Name:** Colorado Blue Spruce  
**Source:** US Nat'l Arboretum **Quantity observed:** 1 **Location:** E14

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 50-60 ft.

**Plant Width:** 35-45 ft

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea pungens **Variety:**  
**Cultivar:** Glauca Globosa **Family:** Pinaceae **Tsnum:** 14156  
**Common Name:** Globe Blue Spruce - Tree Form  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** G9, G10

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** round

**Plant Height:** 3 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 3 in.

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Half of canopy on one of two trees died back from unknown cause but could be possible disease.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea pungens **Variety:**  
**Cultivar:** Hoopsii **Family:** Pinaceae **Tsnum:** 00039  
**Common Name:** Hoopsii Blue Spruce  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 14-18 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Picea pungens glauca **Variety:** -0-  
**Cultivar:** Dwarf Form **Family:** Pinaceae **Tsnum:** 78215  
**Common Name:** Dwarf Spruce  
**Source:** -0- **Quantity observed:** 1 **Location:** E10

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Pyramidal

**Plant Height:** 15-22 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen

**Overall Plant Health:** Excellent

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has outstanding uniform growth habit and color.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea pungens glauca **Variety:**  
**Cultivar:** Fat Albert **Family:** Pinaceae **Tsnum:** 96164  
**Common Name:** Fat Albert Blue Spruce  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal  
**Plant Height:** 12-17 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Blue  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**

**Insect Pests:**  
**Pest Severity:**

**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Needles are very blue. Canopy is very dense and uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea pungens glauca **Variety:**  
**Cultivar:** Moerheimii **Family:** Pinaceae **Tsnum:** 98020  
**Common Name:** Moerheim Blue Spruce  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** G10, G11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 20-30 ft.

**Plant Width:** 15-25 ft.

**Current Seasons Growth:** 10- 15 in.

**Foliage Color:** Blue/gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:** Cooley spruce galls

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage color is beautiful blue gray.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea sitchensis

**Variety:** -0-

**Cultivar:** -0-

**Family:** Pinaceae

**Tsnum:** 78044

**Common Name:** Sitka Spruce

**Source:** Alaska Plant Material Center **Quantity observed:** 1 **Location:** D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Pyramidal

**Plant Height:** 20-28 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Plant has relatively small needles.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Pinus aristata *Variety:* -0-  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 78103  
*Common Name:* Bristlecone Pine  
*Source:* Unknown *Quantity observed:* 1 *Location:* E12

*Observation Date of Plant:* 11/28/2016  
*Plant Habit:* Irregular  
*Plant Height:* 10-15 ft.  
*Plant Width:* 14-18 ft  
*Current Seasons Growth:* 4 - 8 in.

*Foliage Color:* Dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Canopy has a beautiful, dense bushy habit.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Pinus bungeana **Variety:**  
**Cultivar:** **Family:** Pinaceae **Tsnum:** 03166  
**Common Name:** Lacebark Pine  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** F10

**Observation Date of Plant:** 9/29/2014

**Plant Habit:** Pyramidal

**Plant Height:** 10-15 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Vigor is improving now that surrounding plants aren't crowding it.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Pinus cembra **Variety:** -0-  
**Cultivar:** Chalet **Family:** Pinaceae **Tsnum:** 85162  
**Common Name:** Chalet Swiss Stone Pine  
**Source:** Timber Creek Nursery **Quantity observed:** 1 **Location:** F11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Very narrowly pyramidal

**Plant Height:** 18-25 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Needles have a very dense bushy appearance. Appears to be dying for unknown reason. Has a lot of brown foliage. Has been in decline for a couple of years.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus cembra **Variety:**  
**Cultivar:** Klein **Family:** Pinaceae **Tsnum:** 03155  
**Common Name:** Silver Whispers Swiss Stone Pine  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** F12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Very narrowly pyramidal

**Plant Height:** 15-25 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2005. Vigor is impressive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Pinus flexilis **Variety:**  
**Cultivar:** **Family:** Pinaceae **Tsnum:** 03168  
**Common Name:** Limber Pine  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** E11, F11

**Observation Date of Plant:** 10/10/2016  
**Plant Habit:** Pyramidal or irregular  
**Plant Height:** 5-8 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, native

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Deer have cause some damage to aesthetics.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Pinus flexilis **Variety:**  
**Cultivar:** Vanderwolf Pyramid **Family:** Pinaceae **Tsnum:** 95115  
**Common Name:** Vanderwolf Pine  
**Source:** Oregon Garden Products **Quantity observed:** 1 **Location:** D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Pyramidal

**Plant Height:** 20-30 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Very attractive, soft textured appearance.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

*Scientific Name:* Pinus jeffreyi *Variety:* -0-  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 81273  
*Common Name:* Jeffrey Pine  
*Source:* Denver Botanic Gardens *Quantity observed:* 1 *Location:* E10

*Observation Date of Plant:* 9/10/2016

*Plant Habit:* Narrow, pyramidal

*Plant Height:* 35-45 ft.

*Plant Width:* 15-25 ft

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen

*Overall Plant Health:* Fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Health seems to be improving since nearby trees removed.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Pinus mugo **Variety:** mugo  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 88127  
**Common Name:** Mugho Pine  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** E11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Irregular

**Plant Height:** 10-15 ft.

**Plant Width:** 20-25 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit appears to just sprawl wherever it can.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus mugo **Variety:**  
**Cultivar:** Pumilo **Family:** Pinaceae **Tsnum:** 09137  
**Common Name:** Dwarf Swiss Mountain Pine  
**Source:** Colorado Garden and Home **Quantity observed:** 1 **Location:** E12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Broad oval

**Plant Height:** 3 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Transplanted in 2016 from perennial garden.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus mugo **Variety:**  
**Cultivar:** Valley Cushion **Family:** Pinaceae **Tsnum:** 15168  
**Common Name:** Valley Cushion Mugo Pine  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** E11

**Observation Date of Plant:** 9/28/2016

**Plant Habit:** Broad oval

**Plant Height:** 2 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 3-5 in

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus nigra **Variety:**  
**Cultivar:** **Family:** Pinaceae **Tsnum:** 03156  
**Common Name:** Arnold Sentinel  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** DH

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Columnar

**Plant Height:** 10-14 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 8-14 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. Very unique growth habit. Only one of three shipped were Pinus nigra and the other two trees were Pinus flexilis (03168).

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Pinus nigra *Variety:* yugoslavia  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 83095  
*Common Name:* Yugoslavia Austrian Pine  
*Source:* Plants of the Southwest *Quantity observed:* 4 *Location:* E12, E11, F11

*Observation Date of Plant:* 11/28/2016

*Plant Habit:* Pyramidal

*Plant Height:* 50-60 ft.

*Plant Width:* 35-45 ft.

*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Dark green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

*Scientific Name:* Pinus nigra *Variety:* -0-  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 78104  
*Common Name:* Austrian Pine  
*Source:* Unknown *Quantity observed:* 1 *Location:* F12

*Observation Date of Plant:* 11/28/2016

*Plant Habit:* Pyramidal

*Plant Height:* 40-50 ft.

*Plant Width:* 40-45 ft.

*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Dark green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Pinus nigra **Variety:**  
**Cultivar:** Prerrick Bregeon **Family:** Pinaceae **Tsnum:** 14157  
**Common Name:** Brepo Austrian Pine - Tree Form  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F11

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Just planted in 2014. Very dense growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Pinus ponderosa *Variety:* -0-  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 78101  
*Common Name:* Ponderosa Pine  
*Source:* Unknown *Quantity observed:* 1 *Location:* G14

*Observation Date of Plant:* 11/28/2016

*Plant Habit:* Pyramidal

*Plant Height:* 35-45 ft.

*Plant Width:* 35-45 ft.

*Current Seasons Growth:* 8 - 12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, native planting, xeriscape, screen

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Pinus strobus **Variety:** -0-  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 85122  
**Common Name:** White Pine  
**Source:** American Nursery Product/Mi **Quantity observed:** 2 **Location:** F12, F11

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Pyramidal to irregular  
**Plant Height:** 55-65 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Brown  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Yes

**Comments on plant:** May be trying to fend off borers since there are spots of sap seeping from trunk but it doesn't appear to be very abundant.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Pinus strobus **Variety:**  
**Cultivar:** Fastigiata **Family:** Pinaceae **Tsnum:** 03018  
**Common Name:** Fastigiata White Pine  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:**

**Observation Date of Plant:** 10/1/2016  
**Plant Habit:** Columnar  
**Plant Height:** 18-24 ft.  
**Plant Width:** 6-9 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few  
**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus strobus **Variety:**  
**Cultivar:** Fastigiata **Family:** Pinaceae **Tsnum:** 03157  
**Common Name:** Columnar Eastern White Pine  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** F12, CFA

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Columnar

**Plant Height:** 15-20 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light green with some blue

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Appears to have a large canker (or damage by deer in 2008) on one tree which is closing over and almost looks normal. One of two trees moved in 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus strobus **Variety:**  
**Cultivar:** Nana **Family:** Pinaceae **Tsnum:** 15088  
**Common Name:** Dwarf Eastern White Pine  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** F12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Round

**Plant Height:** 1-2 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Shrub border, specimen

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus strobus **Variety:**  
**Cultivar:** Pendula **Family:** Pinaceae **Tsnum:** 03019  
**Common Name:** Weeping White Pine  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Weeping

**Plant Height:** 12-16 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Pinus sylvestris **Variety:**  
**Cultivar:** French Blue **Family:** Pinaceae **Tsnum:** 03158  
**Common Name:** French Blue Scotch Pine  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** F11

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Upright oval becoming irregular  
**Plant Height:** 10-15 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Slight blue/green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. Nice foliage color. Vandals damaged central leader and it was slow to recover but had excellent vigor in 2016. Lower branches seem slightly chlorotic.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus sylvestris **Variety:** -0-  
**Cultivar:** Glauca Nana **Family:** Pinaceae **Tsnum:** 82174  
**Common Name:** Scotch Pine  
**Source:** Amfac Nurseries California **Quantity observed:** 2 **Location:** Mound

**Observation Date of Plant:** 8/1/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 15-20 ft.  
**Plant Width:** 8-12 ft  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green with a shade of blue  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice bark color and smaller than most P. sylvestris. May be wider if not crowded by neighboring plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus sylvestris **Variety:**  
**Cultivar:** Inverleith **Family:** Pinaceae **Tsnum:** 08030  
**Common Name:** Inverleith Scotch Pine  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** E11

**Observation Date of Plant:** 9/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 12-18 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Variegated, blue/green needles

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. Very unique color to needles.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pinus tabuliformis **Variety:** -0-  
**Cultivar:** -0- **Family:** Pinaceae **Tsnum:** 86025  
**Common Name:** Pine  
**Source:** Minnesota Landscape Arbore **Quantity observed:** 1 **Location:** E12

**Observation Date of Plant:** 11/28/2016

**Plant Habit:** Pyramidal

**Plant Height:** 30-40 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Pinus tabuliformis *Variety:* -0-  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 83034  
*Common Name:* Chinese Pine  
*Source:* Minnesota Landscape Arbore *Quantity observed:* 1 *Location:* E10

*Observation Date of Plant:* 9/10/2016  
*Plant Habit:* Pyramidal  
*Plant Height:* 25-35 ft.  
*Plant Width:* 25-35 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Pinus virginiana **Variety:**  
**Cultivar:** Wate's Golden **Family:** Pinaceae **Tsnum:** 08033  
**Common Name:** Wate's Golden Pine  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** E11

**Observation Date of Plant:** 11/28/2016  
**Plant Habit:** Upright, irregular  
**Plant Height:** 5-6 ft.  
**Plant Width:** 8-10ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green and yellow  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal

**Comments on plant:** Planted in 2008. Looks more green than golden by end of season. One plant must have been pulled on by vandals as it is growing at a sharp angle and needs to be staked. Growth habit is very open, leggy and not very attractive.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
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---

*Scientific Name:* Platanus occidentalis *Variety:* glabrata  
*Cultivar:* *Family:* Platanaceae *Tsnum:* 10034  
*Common Name:* Smooth American Sycamore  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* D1

*Observation Date of Plant:* 10/8/2015

*Plant Habit:* Upright oval

*Plant Height:* 6-7 ft.

*Plant Width:* 3-4 ft.

*Current Seasons Growth:* 8-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen, shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:* Moderate suckering

*Recommended:* Yes

*Comments on plant:* Planted in 2013.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Platanus x acerifolia **Variety:**  
**Cultivar:** Morton Thornhill **Family:** Platanaceae **Tsnum:** 09017  
**Common Name:** Exclamation Planetree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC05-01

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval, pyramidal  
**Plant Height:** 15-20 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Excellent  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Excellent  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011. Looks very robust - bark is very attractive.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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---

*Scientific Name:* Platanus x acerifolia *Variety:*  
*Cultivar:* Columbia *Family:* Platanaceae *Tsnum:* 06004  
*Common Name:* Columbia Planetree  
*Source:* Femrite Nursery Company *Quantity observed:* 1 *Location:* SC12-8

*Observation Date of Plant:* 8/26/2016  
*Plant Habit:* Upright oval, somewhat pyramidal  
*Plant Height:* 10-15 ft.  
*Plant Width:* 8-10 ft.  
*Current Seasons Growth:* 1-2 ft.

*Foliage Color:* Light to medium green  
*Bark Characteristics:* Important  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, large shade tree

*Overall Plant Health:* Excellent  
*Fruit Present:* None

*Fruit Color:*  
*Insect Pests:*

*Pest Severity:*  
*Plant Disease:*

*Disease Severity:*  
*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2010. Suffered severe storm damage October 2011 which greatly reduced height and appearance but recovered nicely by 2014.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Populus alba **Variety:**  
**Cultivar:** **Family:** Salicaceae **Tsnum:** 05023  
**Common Name:** White Poplar  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D9

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 25-35 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, difficult sites, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Susceptible to storm damage.

**Recommended:** Yes

**Comments on plant:** Looks good when young but often develops problems later. Has a slight lean to the west. Slight injury from deer on trunk.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Populus alba **Variety:** -0-  
**Cultivar:** -0- **Family:** Salicaceae **Tsnum:** 89143  
**Common Name:** White Poplar  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** E8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright oval, multi stem

**Plant Height:** 20-25 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, difficult sites, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Susceptible to storm damage

**Recommended:** Marginal

**Comments on plant:** Cut to ground in 2011 due to leaning and canker but it is coming back from suckers. Roots also send up unwanted suckers many feet away from main trunk.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 9/23/2004

**Persistence:** 2-4 weeks

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***Scientific Name:*** Populus angulata x nigra ***Variety:*** -0-  
***Cultivar:*** Robusta ***Family:*** Salicaceae ***Tsnum:*** 84200  
***Common Name:*** Robusta Poplar  
***Source:*** Bailey Nurseries ***Quantity observed:*** 3 ***Location:*** D9, D8

***Observation Date of Plant:*** 9/20/2016

***Plant Habit:*** Upright oval

***Plant Height:*** 70-80 ft.

***Plant Width:*** 35-45 ft.

***Current Seasons Growth:*** 12-18 in.

***Foliage Color:*** Medium green

***Bark Characteristics:*** Unimportant

***Plant Summer Texture:*** Medium

***Aesthetic Plant Quality:*** Good

***Landscape Uses:*** Specimen, difficult sites, large shade tree

***Overall Plant Health:*** Good

***Fruit Present:*** None

***Fruit Color:***

***Insect Pests:***

***Pest Severity:***

***Plant Disease:***

***Disease Severity:***

***Cultural Problems:***

***Nuisances:***

***Recommended:*** Yes

***Comments on plant:***

***Observation Date of Flowers:***

***Flower Color:***

***Flower Type:***

***Flower Effect:***

***% of Flower Coverage:***

***Bloom Stage:***

***Comments on Flowers:***

***Fall Color or Fruit:*** Fall color

***Aesthetics:*** Good

***Fall Color:*** Yellow

***Date of observation:*** 10/10/2004

***Persistence:*** 1-2 weeks



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*Scientific Name:* Populus nigra *Variety:* -0-  
*Cultivar:* Carolina *Family:* Salicaceae *Tsnum:* 93085  
*Common Name:* Norway Poplar  
*Source:* Jewell Nursery, Inc. *Quantity observed:* 2 *Location:* A11

*Observation Date of Plant:* 9/21/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 70-80 ft.  
*Plant Width:* 25-40 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, difficult sites

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* One of two plants became multi-stem from storm damage.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Populus simonii **Variety:**  
**Cultivar:** **Family:** Salicaceae **Tsnum:** 98036  
**Common Name:** Simon Poplar  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A11

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 60-70 ft.

**Plant Width:** 30-40 ft

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Aphids

**Pest Severity:** Slight injury

**Plant Disease:** Canker

**Disease Severity:** Slight injury on about 10% of canopy.

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Attractive leaf shape and color. Tree has regained shape from storm damage.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Populus tremuloides *Variety:*  
*Cultivar:* *Family:* Salicaceae *Tsnum:* 09076  
*Common Name:* Aspen  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* D7

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 15-20 ft.  
*Plant Width:* 7-10 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, native planting

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:* Leaf spot

*Disease Severity:* Slight injury

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2011. Bark is not very white yet. Deer have caused moderate damage on trunk.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

*Scientific Name:* Populus tremuloides *Variety:*  
*Cultivar:* Kaibab *Family:* Salicaceae *Tsnum:* 90120  
*Common Name:* Kaibab Aspen  
*Source:* Progressive Plants *Quantity observed:* 1 *Location:* E8

*Observation Date of Plant:* 9/30/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 30-40 ft.  
*Plant Width:* 12-18 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Important  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, native planting

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:* Galls  
*Pest Severity:* Slight injury  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 10/10/2004  
*Aesthetics:* Good *Persistence:* 1-2 weeks  
*Fall Color:* Yellow

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---

**Scientific Name:** Populus x **Variety:** -0-  
**Cultivar:** Brooks No. 6 **Family:** Salicaceae **Tsnum:** 90019  
**Common Name:** Brooks No. 6 Poplar  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** E9

**Observation Date of Plant:** 9/10/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 55-65 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor to good  
**Landscape Uses:** Specimen, difficult sites, large shade tree

**Overall Plant Health:** Poor to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** One of two is dead and second may follow due to canker at base of trunk but still looks good overall.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Populus x **Variety:**  
**Cultivar:** Highland **Family:** Salicaceae **Tsnum:** 05016  
**Common Name:** Highland Poplar  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D8

**Observation Date of Plant:** 8/29/2016  
**Plant Habit:** Narrow, upright oval  
**Plant Height:** 30-40 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Twig galls  
**Pest Severity:** Slight injury  
**Plant Disease:** Canker  
**Disease Severity:** Moderate to severe  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No

**Comments on plant:** Planted in 2011. Foliage on 75% of plant seems to be dying and turning brown. Swelling on trunk seems to indicate a severe canker problem.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Populus x **Variety:**  
**Cultivar:** Northwest **Family:** Salicaceae **Tsnum:** 91134  
**Common Name:** Northwest Poplar  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** A11

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 8-15 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, difficult sites, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Twig galls, aphids

**Pest Severity:** Moderate injury

**Plant Disease:** Leaf spot

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Leaf spot caused entire tree to defoliate before any others in 2004, 2012 and 2014 but not as severe in 2006, 2008 or 2010.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Populus x canadensis **Variety:** -0-  
**Cultivar:** Eugenei Imperial **Family:** Salicaceae **Tsnum:** 81198  
**Common Name:** Imperial Carolina Poplar  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** D9

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 70-80  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, difficult sites, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:** Storm damage  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Populus x canadensis *Variety:* -0-  
*Cultivar:* Nor'Easter *Family:* Salicaceae *Tsnum:* 86114  
*Common Name:* Nor'Easter Cottonwood  
*Source:* Sherman Nursery *Quantity observed:* 1 *Location:* D8

*Observation Date of Plant:* 9/20/2016

*Plant Habit:* Upright oval

*Plant Height:* 60-70 ft.

*Plant Width:* 40-50 ft.

*Current Seasons Growth:* 1-2 ft.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair

*Landscape Uses:* Specimen, difficult sites, large shade tree

*Overall Plant Health:* Fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:* Canker

*Disease Severity:* Moderate injury affecting 20% of canopy

*Cultural Problems:*

*Nuisances:*

*Recommended:* Marginal

*Comments on plant:* Canker becoming a problem.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Abbotswood **Family:** Rosaceae **Tsnum:** 82101  
**Common Name:** Abbotswood Cinquefoil  
**Source:** Cross Nurseries Inc. **Quantity observed:** 2 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval

**Plant Height:** 3-4.5 ft.

**Plant Width:** 5-7 ft

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two rejuvenated in 2008.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** White

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 50-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Buttercup **Family:** Rosaceae **Tsnum:** 84190  
**Common Name:** Buttercup Cinquefoil  
**Source:** Skinner Wholesale Nursery I **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval

**Plant Height:** 4-5 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in February 2007.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** Yellow

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 50-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Catherine Dykes **Family:** Rosaceae **Tsnum:** 78131  
**Common Name:** Katherine Dykes Cinquefoil  
**Source:** Unknown **Quantity observed:** 2 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval

**Plant Height:** 2-4 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2008. Growth habit is less uniform than others.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** Cream

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** A big flush of color in June but less than P. 'McKay White' in July.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Coronation Triumph **Family:** Rosaceae **Tsnum:** 81153  
**Common Name:** Coronation Triumph Cinquefoil  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Round

**Plant Height:** 3-5 ft.

**Plant Width:** 4-5 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Vigor is lower since sudden severe freeze November 2014. Rejuvenated in February 2007.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** Yellow

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 40-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Goldfinger **Family:** Rosaceae **Tsnum:** 85110  
**Common Name:** Goldfinger Cinquefoil  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 4 - 4.5 ft.  
**Plant Width:** 5-7 ft  
**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 7/6/2011  
**Flower Color:** Yellow  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 51-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Relatively larger petals.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Jackmanii **Family:** Rosaceae **Tsnum:** 78132  
**Common Name:** Jackman Cinquefoil  
**Source:** Unknown **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 6-8 ft  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in 2008.

**Observation Date of Flowers:** 7/6/2011  
**Flower Color:** Yellow  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Klondike **Family:** Rosaceae **Tsnum:** 85111  
**Common Name:** Klondike Cinquefoil  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** C2, C1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 3-4.5 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated February 2007.

**Observation Date of Flowers:** 7/6/2011  
**Flower Color:** Yellow  
**Flower Type:** Single  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 50-70%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Tiny flowers but a lot of them.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Potentilla fruticosa

**Variety:**

**Cultivar:** Kobalt

**Family:** Rosaceae

**Tsnum:** 95118

**Common Name:** Kobalt Cinquefoil

**Source:** Oregon Garden Products

**Quantity observed:**

**1 Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Round becoming broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2008.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** Yellow

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** McKay White **Family:** Rosaceae **Tsnum:** 90016  
**Common Name:** McKay White Potentilla  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Round  
**Plant Height:** 3-4 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in 2008.

**Observation Date of Flowers:** 7/6/2011  
**Flower Color:** White  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 51-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Mt. Everest **Family:** Rosaceae **Tsnum:** 84125  
**Common Name:** Mt. Everest Cinquefoil  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** D1

**Observation Date of Plant:** 10/7/2015

**Plant Habit:** Round

**Plant Height:** 2-3 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Rejuvenated in 2008 and slow to regain vigor.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** White

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 25-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Primrose Beauty **Family:** Rosaceae **Tsnum:** 83208  
**Common Name:** Primrose Beauty Cinquefoil  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular or round

**Plant Height:** 3-5 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated February 2007. Growth habit is a little leggy.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** Light yellow/cream

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Purdoni **Family:** Rosaceae **Tsnum:** 81317  
**Common Name:** Purdoni Cinquefoil  
**Source:** USDA, Cheyenne **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 3-5 ft.  
**Plant Width:** 6-8 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Rejuvenated February 2007. Vigor is lower since sudden severe freeze November 2014.

**Observation Date of Flowers:** 7/6/2011  
**Flower Color:** Light Yellow  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 60-80%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:**  
**Cultivar:** Sunspot **Family:** Rosaceae **Tsnum:** 94086  
**Common Name:** Sunspot Potentilla  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Round  
**Plant Height:** 3-4 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2008. Best looking Potentilla after sudden severe freeze November 2014. Growth habit is very uniform and compact.

**Observation Date of Flowers:** 7/6/2011  
**Flower Color:** Yellow  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 51-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Potentilla fruticosa **Variety:**  
**Cultivar:** UMAN **Family:** Rosaceae **Tsnum:** 03124  
**Common Name:** Mango Tango Potentilla  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 2.5-3.5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. May have more flowers in a sunnier location.  
Vigor and size is lower since sudden, severe freeze November 2014.

**Observation Date of Flowers:** 7/6/2011

**Flower Color:** Yellow with orange splotches

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Veitchii **Family:** Rosaceae **Tsnum:** 83283  
**Common Name:** Vetch Cinquefoil  
**Source:** USDA, Cheyenne **Quantity observed:** 2 **Location:** D1, C1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval to round  
**Plant Height:** 3 -4.5 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Rejuvenated February 2007. Lost 30-50 of stems during sudden severe freeze November 2014.

**Observation Date of Flowers:** 7/6/2011  
**Flower Color:** Yellow  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:**  
**Cultivar:** Monsidh **Family:** Rosaceae **Tsnum:** 08144  
**Common Name:** Frosty Potentilla  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Round to irregular

**Plant Height:** 2-3 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium Green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted late in 2008 and slow to establish.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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<i>Scientific Name:</i> Prinsepia uniflora	<i>Variety:</i> serrata	
<i>Cultivar:</i> -0-	<i>Family:</i> Rosaceae	<i>Tsnum:</i> 81293
<i>Common Name:</i> Hedge Prinsepia		
<i>Source:</i> Denver Botanic Gardens	<i>Quantity observed:</i> 2	<i>Location:</i> B0, C0

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 5 - 6 ft.

**Plant Width:** 6-10 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium to light green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, barrier plant

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Growth habit is not uniform probably because it seems to be colonizing the area by seedlings or suckers.

**Observation Date of Flowers:**

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Good to fair

**% of Flower Coverage:** 40-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Mild, pleasing fragrance. Flowering date lost due to software problem.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow

**Date of observation:** 10/9/2003

**Persistence:** 1-2 weeks

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**Scientific Name:** Prunus **Variety:**  
**Cultivar:** Cripoizam **Family:** Rosaceae **Tsnum:** 07025  
**Common Name:** Crimson Pointe Flowering Plum  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** SC08-02, 09-17

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Columnar or narrow vase  
**Plant Height:** 10-15 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 4-10 in.

**Foliage Color:** Dark red  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2009. One of two looks a little leggy. Vigor is a little low possibly due to irrigation problem during construction in 2015.

**Observation Date of Flowers:** 3/28/2012

**Flower Color:** White with a hint of pink.

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Prunus **Variety:**  
**Cultivar:** NCPH1 **Family:** Rosaceae **Tsnum:** 15065  
**Common Name:** Pink Cascade Flowering Cherry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC10-06

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Weeping  
**Plant Height:** 4-5 ft.  
**Plant Width:** 4-5 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** n/a  
**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Prunus **Variety:**  
**Cultivar:** Spring Wonder **Family:** Rosaceae **Tsnum:** 13029  
**Common Name:** Spring Wonder™ Sargent Cherry  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** SC09-16

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 6-8 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2014. Vigor is low possibly due to irrigation problem during construction in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Prunus armeniaca **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 78133  
**Common Name:** Apricot  
**Source:** Unknown **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 18-24 ft.  
**Plant Width:** 35-45 ft.  
**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, under power lines

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Makes a nice tree even if the fruit gets frozen. Growth habit is a little irregular due to past snowstorm damage.

**Observation Date of Flowers:** 4/5/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Impressive sweet fragrance in a breeze.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** yellow

**Date of observation:** 10/28/2008

**Persistence:** 1-3 weeks

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**Scientific Name:** Prunus armeniaca **Variety:** mandshurica  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 81301  
**Common Name:** Manchurian Apricot  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** B6

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval

**Plant Height:** 1-2 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Near death, probably from decline or sudden, severe freeze November 2014.

**Observation Date of Flowers:** 4/5/2006

**Flower Color:** Pink

**Flower Type:** single

**Flower Effect:** Fair to good

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Prunus besseyi (grafted) **Variety:**  
**Cultivar:** Pawnee Buttes **Family:** Rosaceae **Tsnum:** 09081  
**Common Name:** Pawnee Buttes Sandcherry TREE FORM  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** SC09-18

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Broad oval

**Plant Height:** 5-6 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2010.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Red

**Date of observation:** 10/14/2014

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Prunus bessyii **Variety:**  
**Cultivar:** Prostrata **Family:** Rosaceae **Tsnum:** 97251  
**Common Name:** Creeping Western Sandcherry  
**Source:** Fort Collins Nursery **Quantity observed:** 3 **Location:** G1

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Spreading

**Plant Height:** 1 - 1.5 ft.

**Plant Width:** 1-4 ft.

**Current Seasons Growth:** 2-3 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Wildlife, specimen, xeriscape, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** May look better if with more sun or may just be in a decline. All look nearly dead

**Observation Date of Flowers:** 4/29/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** dark red, orange

**Date of observation:** 10/9/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Prunus cerasifera **Variety:**  
**Cultivar:** Cripoizam **Family:** Rosaceae **Tsnum:** 08012  
**Common Name:** Crimson Pointe Plum  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C6

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Columnar

**Plant Height:** 10-15 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2011. 25% of canopy is flopping to the side possibly due to earlier snowfall. Has some gummosis from unknown cause.

**Observation Date of Flowers:** 3/27/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Prunus cerasifera **Variety:** -0-  
**Cultivar:** Newport **Family:** Rosaceae **Tsnum:** 93049  
**Common Name:** Kankakee Newport Plum  
**Source:** A. McGill & Son Nursery **Quantity observed:** 2 **Location:** SC9-19,20

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Broad oval to round

**Plant Height:** 12-16 ft.

**Plant Width:** 18-24 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Has a lot of suckers.

**Observation Date of Flowers:** 4/21/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Has a maroon eye.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** burnt red, dark red

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Prunus fontanesiana **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 78134  
**Common Name:** Des Fontaines Cherry  
**Source:** USDA/NC-7 **Quantity observed:** 1 **Location:** B5

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval

**Plant Height:** 55-65 ft.

**Plant Width:** 45-55 ft.

**Current Seasons Growth:** 8 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Wildlife, specimen, large shade tree

**Overall Plant Health:** Excellent

**Fruit Present:** Few fruit

**Fruit Color:** Purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Very attractive gray and red bark. One of the few Prunus not to have ever had major storm damage.

**Observation Date of Flowers:** 4/21/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Very showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Prunus mahaleb **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 83156  
**Common Name:** Cherry  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C5

**Observation Date of Plant:** 10/6/2015  
**Plant Habit:** Round to broad oval  
**Plant Height:** 35-45 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Never seems to have any significant problems except for some occasional storm damage.

**Observation Date of Flowers:** 4/21/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Prunus nigra **Variety:** -0-  
**Cultivar:** Princess Kay **Family:** Rosaceae **Tsnum:** 88139  
**Common Name:** Princess Kay Canada Plum  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** B6

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 12-17 ft.  
**Plant Width:** 14-18 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:** Minor suckers

**Recommended:** Marginal  
**Comments on plant:** Growth habit deformed by snow. Not a long term tree but fantastic when young.

**Observation Date of Flowers:** 4/15/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 90-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Beautiful tufts of double flowers. Fades to pink as it matures.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/6/2008  
**Aesthetics:** Excellent **Persistence:** 1-2 weeks  
**Fall Color:** purple, orange, red

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**Scientific Name:** Prunus nigra **Variety:**  
**Cultivar:** Princess Kay **Family:** Rosaceae **Tsnum:** 10144  
**Common Name:** Princess Kay Plum  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** C6

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 6-8 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale

**Pest Severity:** Severe injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Marginal

**Comments on plant:** Planted in 2011. Half of canopy has severe scale and appears dead.

**Observation Date of Flowers:** 4/2/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Recently planted and is impacting flowering.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Prunus padus **Variety:** commutata  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 82097  
**Common Name:** Mayday Tree  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** C6

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Upright oval, round  
**Plant Height:** 18-24 ft.  
**Plant Width:** 20 - 25 ft.  
**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair to good  
**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Suckers profusely

**Recommended:** Marginal

**Comments on plant:** Slight chlorosis.

**Observation Date of Flowers:** 5/2/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow, purple/red

**Date of observation:** 10/1/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Prunus padus **Variety:**  
**Cultivar:** Berg Redleaf **Family:** Rosaceae **Tsnum:** 07031  
**Common Name:** Redleaf May Day Tree  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** C6, SC10-5,12

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval

**Plant Height:** 12-16 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2009. Not as leggy as the species. Has best red foliage of any Prunus in arboretum - very dark rich color and clean. One of three trees has extensive gummosis on south side of trunk.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Prunus padus **Variety:**  
**Cultivar:** Drietreer **Family:** Rosaceae **Tsnum:** 04034  
**Common Name:** Merlot Bird Cherry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-7

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Vase

**Plant Height:** 8-10 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 10-14 in

**Foliage Color:** Dark purple

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Marginal

**Comments on plant:** Planted in 2008. Canker may have been contained and inactive since vigor and overall appearance is improving. Foliage is often only growing towards end of branches so looks thin or leggy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Prunus padus **Variety:**  
**Cultivar:** DTR 117 **Family:** Rosaceae **Tsnum:** 02046  
**Common Name:** Summer Glow Bird Cherry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C6

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Upright oval to irregular

**Plant Height:** 15-20 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Many suckers

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2004. Has a large bend in the trunk about halfway up so it appears to have a strange growth habit but starting to regain normal growth habit.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Dark purple

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Prunus padus **Variety:**  
**Cultivar:** DTR 117 **Family:** Rosaceae **Tsnum:** 98034  
**Common Name:** Summer Glow Bird Cherry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC9-6

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Round  
**Plant Height:** 10-15 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Severe injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** Trunk has large canker and over 60% of tree is dead.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Prunus sargentii **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 82109  
**Common Name:** Sargent Cherry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C5

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Vase

**Plant Height:** 27-34 ft.

**Plant Width:** 20 - 30 ft.

**Current Seasons Growth:** 8 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Large scar from sun scald or canker on trunk will shorten life span of this tree as well as ruin aesthetics of trunk. May be wider if not crowded by neighboring plants.

**Observation Date of Flowers:** 3/26/2012

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** orangish red, orange

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

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**Scientific Name:** Prunus sargentii **Variety:**  
**Cultivar:** Pink Flair **Family:** Rosaceae **Tsnum:** 01017  
**Common Name:** Pink Flair Cherry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC10-11

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Vase

**Plant Height:** 10-15 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/14/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Red, orange

**Date of observation:** 10/14/2014

**Persistence:** 1-2 weeks

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**Scientific Name:** Prunus serotina **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 78021  
**Common Name:** Black Cherry  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** C5, C6

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 35-45 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two trees dropping leaves much sooner than the other for unknown reason.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Prunus subhirtella **Variety:**  
**Cultivar:** Pishshzam **Family:** Rosaceae **Tsnum:** 09047  
**Common Name:** Pink Snow Showers Flowering Cherry  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** C5, C6

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Weeping

**Plant Height:** 5-7 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. May have better vigor in more sun.

**Observation Date of Flowers:** 3/30/2012

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 40-65%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Still getting established and should have more flowers as it matures.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Prunus tenella **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 04039  
**Common Name:** Dwarf Russian Almond  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** B6

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** May be planted in too much shade.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/15/2007

**Flower Color:** Pink

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Prunus tomentosa **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 81261  
**Common Name:** Nanking Cherry  
**Source:** Sherman Nursery **Quantity observed:** 1 **Location:** B6

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Broad oval

**Plant Height:** 8 - 10 ft.

**Plant Width:** 15 - 20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen, shrub border, windbreak

**Overall Plant Health:** Fair

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Low vigor and seems to be in decline. Fruit is edible but small and has pits.  
Good flavor.

**Observation Date of Flowers:** 3/26/2012

**Flower Color:** White/pink eye

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** light yellowish, cream

**Date of observation:** 10/21/2003

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Prunus triloba      **Variety:**  
**Cultivar:**      **Family:** Rosaceae      **Tsnum:** 13121  
**Common Name:** Flowering Almond  
**Source:** Garden and Home Show      **Quantity observed:**      3      **Location:** C6

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 2-3 ft.  
**Plant Width:** 2-4 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Would probably look better with less shade.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Prunus x cistena

**Variety:**

**Cultivar:**

**Family:** Rosaceae

**Tsnum:** 13120

**Common Name:** Purpleleaf Sand Cherry

**Source:** Garden and Home Show

**Quantity observed:**

**3 Location:** C5

**Observation Date of Plant:** 10/6/2015

**Plant Habit:** Upright oval

**Plant Height:** 4-6 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Would probably look better with more sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Pseudotsuga menziesii *Variety:* -0-  
*Cultivar:* -0- *Family:* Pinaceae *Tsnum:* 88133  
*Common Name:* Douglas Fir  
*Source:* Zelenka Nursery *Quantity observed:* 2 *Location:* D9, D10

*Observation Date of Plant:* 9/10/2016  
*Plant Habit:* Pyramidal  
*Plant Height:* 40-50 ft.  
*Plant Width:* 20-30 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Not very important  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, native planting

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Needles are soft to touch.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Ptelea polyadenia **Variety:** -0-  
**Cultivar:** -0- **Family:** Rutaceae **Tsnum:** 81297  
**Common Name:** Hoptree  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 10/7/2015

**Plant Habit:** Broad oval or round

**Plant Height:** 15-20 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering.

**Recommended:** Yes

**Comments on plant:** About 40-50% of canopy removed in 2003 due to damage from late snow.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Ptelea trifoliata **Variety:** -0-  
**Cultivar:** -0- **Family:** Rutaceae **Tsnum:** 80030  
**Common Name:** Hoptree  
**Source:** Minnesota Landscape Arbore **Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Spreading

**Plant Height:** 15-20 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small heights/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is a little deformed by past storm damage.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/21/2009

**Persistence:** 1-2 weeks

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**Scientific Name:** Pterocarya stenoptera **Variety:**  
**Cultivar:** **Family:** Juglancaceae **Tsnum:** 98072  
**Common Name:** Chinese Wingnut  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D6

**Observation Date of Plant:** 9/14/2016  
**Plant Habit:** Misshapen, upright  
**Plant Height:** 18-25 ft.  
**Plant Width:** 15-25 ft.  
**Current Seasons Growth:** 10-15 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Crowding from nearby trees  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Attractive foliage and good vigor but poor form. Would look better if it had more space and wasn't leaning because it was crowded. Does not appear to be able to correct growth habit and will result in tree failure.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Pyracantha angustifolia *Variety:*  
*Cultivar:* Monon *Family:* Rosaceae *Tsnum:* 16009  
*Common Name:* Yukon Belle Pyracantha (Staked)  
*Source:* Monrovia Growers *Quantity observed:* 1 *Location:* B2

*Observation Date of Plant:* 10/11/2016

*Plant Habit:*

*Plant Height:*

*Plant Width:*

*Current Seasons Growth:*

*Foliage Color:*

*Bark Characteristics:*

*Plant Summer Texture:*

*Aesthetic Plant Quality:*

*Landscape Uses:*

*Overall Plant Health:*

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in fall of 2016 and unable to evaluate before winter.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Pyracantha angustifolia **Variety:**  
**Cultivar:** Monon **Family:** Rosaceae **Tsnum:** 16010  
**Common Name:** Yukon Belle Pyracantha  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** B1

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Pyrus **Variety:**  
**Cultivar:** NCPX1 **Family:** Rosaceae **Tsnum:** 16025  
**Common Name:** Javelin Flowering Pear  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC08-18

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Columnar  
**Plant Height:** 8-10 ft.  
**Plant Width:** 1-1.5 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, narrow areas

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** n/a  
**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Pyrus **Variety:**  
**Cultivar:** Silver Ball **Family:** Rosaceae **Tsnum:** 06027  
**Common Name:** Silver Ball Pear  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-12

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 12-18 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 8-12 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Excellent  
**Fruit Present:** Few  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2008. No suckering.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Pyrus betulifolia *Variety:* -0-  
*Cultivar:* The Dancer *Family:* Rosaceae *Tsnum:* 87181  
*Common Name:* The Dancer Pear  
*Source:* Discover-Tree Research *Quantity observed:* 1 *Location:* D2

*Observation Date of Plant:* 10/8/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 25-35 ft.  
*Plant Width:* 20-25 ft.  
*Current Seasons Growth:* 8 - 15 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Specimen, small/confined areas

*Overall Plant Health:* Fair  
*Fruit Present:* Few fruit  
*Fruit Color:* Tan, not showy  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Deformed by past snow load. Has moderate chlorosis.

*Observation Date of Flowers:* 4/19/2006  
*Flower Color:* White  
*Flower Type:* Cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 40-60%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** *Pyrus calleryana* **Variety:**  
**Cultivar:** Bradford x Redspire **Family:** Rosaceae **Tsnum:** 94127  
**Common Name:** Bradford x Redspire Pear  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** SC8-16

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 14-18 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Red/tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Growth habit is poor due to extensive pruning in 2015 to remove dead branches from canker injury.

**Observation Date of Flowers:** 4/2/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 60-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Bud is pink. Trees has poor vigor.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** red, dark red

**Date of observation:** 10/2/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Pyrus calleryana **Variety:** -0-  
**Cultivar:** Capital **Family:** Rosaceae **Tsnum:** 87173  
**Common Name:** Capital Gallery Pear  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/7/2015  
**Plant Habit:** Irregular to upright oval  
**Plant Height:** 30-40 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Specimen, residential street tree

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan, not showy  
**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Growth habit isn't very attractive - branches go in different directions and appear leggy. Probably deformed by snow load. On 11/16/09 snow broke off a large branch - about 25% of canopy. 20% of top has severe chlorosis from unknown

**Observation Date of Flowers:** 4/15/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pyrus calleryana **Variety:** -0-  
**Cultivar:** Cleveland **Family:** Rosaceae **Tsnum:** 91114  
**Common Name:** Cleveland Callery Pear  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Narrow, upright oval

**Plant Height:** 30-38 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, specimen, narrow areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan, not showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is slightly irregular due to snow damage a few years ago.

**Observation Date of Flowers:** 4/2/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Few flowers on branches in partial shade

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pyrus calleryana **Variety:** -0-  
**Cultivar:** Cleveland Select **Family:** Rosaceae **Tsnum:** 88101  
**Common Name:** Cleveland Select Callery Pear  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 35-45 ft.

**Plant Width:** 20-30 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, narrow areas

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan, not showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A few branches are deformed by past snow loads - looks a little leggy but regaining form.

**Observation Date of Flowers:** 3/30/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 80-95%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** red, some yellow

**Date of observation:** 11/3/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Pyrus calleryana **Variety:**  
**Cultivar:** Gladzam **Family:** Rosaceae **Tsnum:** 04024  
**Common Name:** Gladiator Flowering Pear  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** SC08-17, SC11-11

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green, glossy

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few, 0.5 in. diameter

**Fruit Color:** Dark tan with a hint red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2009. Has a nice growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Pyrus calleryana **Variety:** -0-  
**Cultivar:** Glen's Form **Family:** Rosaceae **Tsnum:** 88089  
**Common Name:** Chanticleer Callery Pear  
**Source:** Handy Nursery Co. **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 35-45 ft.  
**Plant Width:** 20-28 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, narrow areas

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan, not showy  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Canopy is more open than when young.

**Observation Date of Flowers:** 3/30/2012  
**Flower Color:** White, pink buds  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 85-95%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Pyrus calleryana **Variety:** -0-  
**Cultivar:** Glen's Form' **Family:** Rosaceae **Tsnum:** 88097  
**Common Name:** Chanticleer Callery Pear  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 35-40 ft.  
**Plant Width:** 15 - 20 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Residential street, specimen, narrow areas

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan, not showy  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Growth habit is affected by nearby trees - might be wider if had more space.

**Observation Date of Flowers:** 4/2/2012  
**Flower Color:** White, pink buds  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 75-90%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Pyrus calleryana **Variety:**  
**Cultivar:** Jackzam **Family:** Rosaceae **Tsnum:** 06005  
**Common Name:** Jack Dwarf Flowering Pear  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** SC08-5

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Army green with a blush of red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Attractive, compact, growth habit and smaller leaves. Planted in arboretum in 2008.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Pyrus calleryana **Variety:**  
**Cultivar:** Jaczam **Family:** Rosaceae **Tsnum:** 05001  
**Common Name:** Jack Dwarf Flowering Pear  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** SC8-15

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval

**Plant Height:** 6-9 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 5-10 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen, narrow areas

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount , round and fairly showy

**Fruit Color:** Army green with a blush of red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf spot

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in Fall 2006.

**Observation Date of Flowers:** 4/5/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 85-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pyrus calleryana **Variety:**  
**Cultivar:** Jaczam **Family:** Rosaceae **Tsnum:** 10020  
**Common Name:** Jack Pear  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 11/4/2015

**Aesthetics:** Excellent, bright

**Persistence:** 1-2 weeks

**Fall Color:** Rosy red/yellow overall

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---

**Scientific Name:** Pyrus calleryana **Variety:**  
**Cultivar:** Lililzam **Family:** Rosaceae **Tsnum:** 08017  
**Common Name:** Lil' Jill Flowering Pear  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 6-8 ft.

**Plant Width:** 3-4.5 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Canopy is a little thin and leggy for unknown reason.

**Observation Date of Flowers:** 4/2/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Will probably get more flowers as it matures.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pyrus calleryana **Variety:** -0-  
**Cultivar:** Stonehill **Family:** Rosaceae **Tsnum:** 92010  
**Common Name:** Stonehill Callery Pear  
**Source:** A. McGill & Son Nursery **Quantity observed:** 2 **Location:** D3, C3

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Narrow, upright oval becoming irregular  
**Plant Height:** 32-38 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan, not showy  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Deformed by past snow loads - growth habit is slow to regain form.

**Observation Date of Flowers:** 3/30/2012

**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 80-90%  
**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color  
**Aesthetics:** Good  
**Fall Color:** red

**Date of observation:** 11/10/2005  
**Persistence:** 1-2 weeks

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---

**Scientific Name:** Pyrus calleryana **Variety:**  
**Cultivar:** Whitehouse **Family:** Rosaceae **Tsnum:** 01041  
**Common Name:** Whitehouse Pear  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** D2, D1, SC8-20

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf spot

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:** Slightly deformed by past snow loads. Planted in arboretum in 2002.

**Observation Date of Flowers:** 3/26/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Pyrus calleryana x betulaeifolia

**Variety:**

**Cultivar:** Edgewood

**Family:** Rosaceae

**Tsnum:** 96128

**Common Name:** Edgewood Pear

**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC8-19

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval becoming round

**Plant Height:** 20-25 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf spot

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Growth habit is a little more open. No suckering.

**Observation Date of Flowers:** 4/19/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** *Pyrus fauriei* **Variety:**  
**Cultivar:** Korean Sun **Family:** Rosaceae **Tsnum:** 96076  
**Common Name:** Korean Sun Flowering Pear  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** SC9-8

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/21/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Red

**Date of observation:** 10/15/2012

**Persistence:** 1-2 weeks

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---

**Scientific Name:** *Pyrus fauriei* **Variety:**  
**Cultivar:** Westwood **Family:** Rosaceae **Tsnum:** 98035  
**Common Name:** Korean Sun Flowering Pear  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC7-3

**Observation Date of Plant:** 8/15/2016

**Plant Habit:** Round

**Plant Height:** 12-18 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Few - not showy

**Fruit Color:** Army green/tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Red

**Date of observation:** 10/1/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** *Pyrus regleii* **Variety:** -0-  
**Cultivar:** Angel Wing **Family:** Rosaceae **Tsnum:** 87106  
**Common Name:** Angel Wing Pear  
**Source:** Pacific Coast Nursery **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round to irregular

**Plant Height:** 12-18 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf spot

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Starts defoliating in August due to foliar disease. Defoliated at least four weeks earlier than most *Pyrus* and is virtually defoliated.

**Observation Date of Flowers:** 4/21/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 25-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pyrus ussuriensis **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 82216  
**Common Name:** Chinese Pear  
**Source:** USDA, Mandan, ND **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval

**Plant Height:** 25-35 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Maintains a pleasing growth habit even as it matures as opposed to many other P. calleryanas. Appears to get fall color earlier and drop leaves quicker than Callery so maybe less susceptible to snow damage.

**Observation Date of Flowers:** 3/26/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** golden yellow

**Date of observation:** 10/5/2011

**Persistence:** 1-2 weeks

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**Scientific Name:** Pyrus ussuriensis **Variety:**  
**Cultivar:** Mordak **Family:** Rosaceae **Tsnum:** 95038  
**Common Name:** Prairie Gem Pear  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** SC08-14, SC09-9,10

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Broad oval to round

**Plant Height:** 12-17 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:** Army green/tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 3/28/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 85-95%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Pyrus ussuriensis **Variety:** compactum  
**Cultivar:** Mordak Prariegem **Family:** Rosaceae **Tsnum:** 91135  
**Common Name:** Mordak Prariegem Chinese Pear  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 22-28 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** May grow wider if not crowded by neighboring plants.

**Observation Date of Flowers:** 3/30/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair to poor

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:** May need full sun for best flowering but still is inferior to other Pyrus.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** bright yellow

**Date of observation:** 10/9/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Pyrus x **Variety:**  
**Cultivar:** Edgewood **Family:** Rosaceae **Tsnum:** 98032  
**Common Name:** Edgewood Pear  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-11

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval, irregular  
**Plant Height:** 15-20 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Moderate amount of fruit  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Appears to have been deformed by snow damage October 2011. Moved Spring of 2003 due to unavoidable construction.

**Observation Date of Flowers:** 4/21/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Poor  
**% of Flower Coverage:** 15-25%  
**Bloom Stage:** Flowers open. Flowers mainly on lower third of plant.  
**Comments on Flowers:** Pink buds.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/16/2003  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** magenta red, orange



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*Scientific Name:* Quercus *Variety:*  
*Cultivar:* Clemons *Family:* Fagaceae *Tsnum:* 13027  
*Common Name:* Heritage Oak  
*Source:* Carlton Plants *Quantity observed:* 1 *Location:* A4

*Observation Date of Plant:* 9/7/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 8-10 ft.  
*Plant Width:* 3-5 ft.  
*Current Seasons Growth:* 8-12 in

*Foliage Color:* Dark green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shade tree

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2014 - too soon to recommend.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Quercus **Variety:**  
**Cultivar:** Crimschmidt **Family:** Fagaceae **Tsnum:** 95039  
**Common Name:** Crimson Spire Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC7-11

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Columnar  
**Plant Height:** 22-28 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Excellent growth habit - very uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** bright red, dark red

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Quercus acutissima **Variety:** -0-  
**Cultivar:** -0- **Family:** Fagaceae **Tsnum:** 80347  
**Common Name:** Sawtooth Oak  
**Source:** US Nat'l Arboretum **Quantity observed:** 1 **Location:** B4

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Irregular  
**Plant Height:** 14-18 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Severely misshapen due to storm damage.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Quercus acutissima **Variety:**  
**Cultivar:** Gobbler **Family:** Fagaceae **Tsnum:** 03036  
**Common Name:** Gobbler Sawtooth Oak  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** B5

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Irregular

**Plant Height:** 6-7 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, large shade tree, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Was in lathhouse too long and developed a lean to one side.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Quercus alba **Variety:**  
**Cultivar:** Ames 27340 **Family:** Fagaceae **Tsnum:** 08069  
**Common Name:** White Oak  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A2

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 4-5 ft.  
**Plant Width:** 2-4 ft.  
**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** At edge of arboretum where irrigation is more difficult.  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Planted in 2013. Moderate chlorosis. Slow to gain vigor.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Quercus bicolor  
**Cultivar:** -0-  
**Common Name:** Swamp White Oak  
**Source:** Bath Nursery

**Variety:** -0-  
**Tsnum:** 78108

**Family:** Fagaceae

**Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Broad oval to round  
**Plant Height:** 15 - 20 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Large, shade tree

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Misshapen by storm damage.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color  
**Aesthetics:** Fair to poor  
**Fall Color:** creamy brown

**Date of observation:** 10/10/2011  
**Persistence:** 1-2 weeks

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---

**Scientific Name:** Quercus bicolor **Variety:**  
**Cultivar:** Ames 29669 **Family:** Fagaceae **Tsnum:** 11007  
**Common Name:** Swamp White Oak  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** B4, SC06-01

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Young, undefined

**Plant Height:** 7-9 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Irrigation problem in August on one of two trees

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Quercus bicolor **Variety:**  
**Cultivar:** Ames 29670 **Family:** Fagaceae **Tsnum:** 11008  
**Common Name:** Swamp White Oak  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A3, A4, B4

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 7-9 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 8-12 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014. One of two suffered some drought stress in 2015 but should recover. Third tree planted in 2016.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Quercus bicolor **Variety:**  
**Cultivar:** Bonnie and Mike **Family:** Fagaceae **Tsnum:** 12032  
**Common Name:** Beacon Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A3, SC07-13

**Observation Date of Plant:** 8/16/2016

**Plant Habit:** Upright, narrow

**Plant Height:** 6-8 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. One of two had some drought stress in 2015 but will survive.  
Second one has fair vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Quercus bicolor **Variety:**  
**Cultivar:** JFS-KW18 **Family:** Fagaceae **Tsnum:** 11016  
**Common Name:** Heartland Swamp White Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B4

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 4-5 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Irrigation problem in August  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 11/4/2015  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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**Scientific Name:** Quercus borealis **Variety:**  
**Cultivar:** **Family:** Fagaceae **Tsnum:** 00046  
**Common Name:** Northern Red Oak  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A3, SC7-6

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 20-30 ft.  
**Plant Width:** 8-15 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Vigor is a little low on one of two but both look okay overall.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good to excellent

**Fall Color:** Rosy red

**Date of observation:** 10/8/2009

**Persistence:** 1-2 weeks

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**Scientific Name:** Quercus ellipsoidalis **Variety:**  
**Cultivar:** **Family:** Fagaceae **Tsnum:** 99012  
**Common Name:** Northern Pin Oak  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** A5

**Observation Date of Plant:** 9/7/2015

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Quercus gambelii **Variety:** -0-  
**Cultivar:** -0- **Family:** Fagaceae **Tsnum:** 78054  
**Common Name:** Gambel Oak  
**Source:** Colorado Nurseryman **Quantity observed:** 1 **Location:** B3

**Observation Date of Plant:** 9/30/2015

**Plant Habit:** Round, multi-stem

**Plant Height:** 20-30 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Native planting, xeriscape, small/confined areas, small tree or large shrub

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Galls

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Prolific suckering

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** bronze, yellow

**Date of observation:** 9/23/2004

**Persistence:** 2-4 weeks

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---

**Scientific Name:** Quercus gambelii **Variety:** -0-  
**Cultivar:** -0- **Family:** Fagaceae **Tsnum:** 78106  
**Common Name:** Gambel Oak  
**Source:** Western Evergreen Nursery **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 9/7/2015

**Plant Habit:** Upright oval

**Plant Height:** 35-45 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Native planting, xeriscape, small/confined areas, small tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Severe suckering

**Recommended:** Yes

**Comments on plant:** This specimen has a very strong central leader.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Quercus hybrid *Variety:* -0-  
*Cultivar:* -0- *Family:* Fagaceae *Tsnum:* 91096  
*Common Name:* Oak  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 3 *Location:* A2, B2, B4

*Observation Date of Plant:* 9/29/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 20-30 ft.  
*Plant Width:* 15 - 20 ft  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, large shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* Fall color *Date of observation:* 10/28/2008  
*Aesthetics:* Fair *Persistence:* 1-2 weeks  
*Fall Color:* Brown/yellow

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Quercus macrocarpa **Variety:** -0-  
**Cultivar:** -0- **Family:** Fagaceae **Tsnum:** 78055  
**Common Name:** Bur Oak  
**Source:** Colorado Nurseryman **Quantity observed:** 2 **Location:** A3, A4

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 50-60 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, xeriscape, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Galls  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/23/2004  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** copper, bronze, yellow



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**Scientific Name:** Quercus macrocarpa **Variety:**  
**Cultivar:** Dakota Sunrise **Family:** Fagaceae **Tsnum:** 98049  
**Common Name:** Dakota Sunrise Bur Oak  
**Source:** Direct Value Nursery, St. Cha **Quantity observed:** 1 **Location:** SC7-5

**Observation Date of Plant:** 8/15/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 23-28 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Galls, abundant

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** Seems to develop large populations of galls on stems which are round and almost ornamental in the winter but may be reducing vigor. Foliage is very dense and very dark green.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow, red

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Quercus macrocarpa **Variety:**  
**Cultivar:** JFS-KW3 **Family:** Fabaceae **Tsnum:** 08013  
**Common Name:** Urban Pinnacle Bur Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B4

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval

**Plant Height:** 7-9 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, xeriscape, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Looks okay but lacks vigor. May be in too much shade from nearby plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Quercus macrocarpa *Variety:*  
*Cultivar:* Lippert *Family:* Fagaceae *Tsnum:* 06041  
*Common Name:* Burr Oak  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 1 *Location:* B5

*Observation Date of Plant:* 9/29/2015  
*Plant Habit:* Young, undefined  
*Plant Height:* 4-5 ft.  
*Plant Width:* 2 ft.  
*Current Seasons Growth:* 1-2 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Fair to poor  
*Landscape Uses:* Specimen, large shade tree

*Overall Plant Health:* Fair to poor

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Marginal

*Comments on plant:* Planted in 2012. Lacks vigor possibly because of too much shade from nearby plants. Lost top couple feet of central leader from unknown cause.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Quercus mongolica **Variety:** grosseserrata  
**Cultivar:** -0- **Family:** Fagaceae **Tsnum:** 84062  
**Common Name:** Mongolian Oak  
**Source:** US Nat'l Arboretum **Quantity observed:** 1 **Location:** B4

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval

**Plant Height:** 25-35 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Minor suckering. Slightly chlorotic overall. Might have better vigor and aesthetics if not crowded by nearby trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Quercus muehlenbergii *Variety:* -0-  
*Cultivar:* -0- *Family:* Fagaceae *Tsnum:* 83116  
*Common Name:* Yellow Chestnut  
*Source:* US Nat'l Arboretum *Quantity observed:* 1 *Location:* A4

*Observation Date of Plant:* 9/7/2015  
*Plant Habit:* Upright oval to round  
*Plant Height:* 35-45 ft.  
*Plant Width:* 30-40 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, large shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Looks good. No chlorosis during summer. Some branches getting shaded out.  
May be wider if not crowded by nearby trees.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Quercus muehlenbergii

**Variety:** -0-

**Cultivar:** -0-

**Family:** Fagaceae

**Tsnum:** 88114

**Common Name:** Yellow Chestnut Oak

**Source:** USDA/NC-7, Ames, IA

**Quantity observed:** 2

**Location:** B4

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Round to upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 40-50 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Attractive leaf shape.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Quercus pagodifolia *Variety:*  
*Cultivar:* *Family:* Fagaceae *Tsnum:* 15103  
*Common Name:* Cherrybark Oak  
*Source:* Forrest Keeling Nursery *Quantity observed:* 1 *Location:* SC10-07

*Observation Date of Plant:* 8/25/2016

*Plant Habit:* Upright oval

*Plant Height:* 7-9 ft.

*Plant Width:* 3-4 ft.

*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shade tree

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2016 - too soon to recommend.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Quercus palustris **Variety:**  
**Cultivar:** Green Pillar **Family:** Fagaceae **Tsnum:** 07038  
**Common Name:** Green Pillar Pin Oak  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC07-12

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Columnar  
**Plant Height:** 10-12 ft.  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green, glossy  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, confined areas

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Quercus petraea **Variety:**  
**Cultivar:** 26147 **Family:** Fagaceae **Tsnum:** 02036  
**Common Name:** Oak  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A5

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 6-7 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker on trunk  
**Disease Severity:** Doesn't seem active.  
**Cultural Problems:** Was in lathhouse too long.  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2013. Leaning to one side due to unknown cause.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Quercus prinoides **Variety:**  
**Cultivar:** **Family:** Fagaceae **Tsnum:** 01030  
**Common Name:** Dwarf Chinkapin Oak  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A5

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 5-7 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2009. Vigor is very low for unknown reason. Possibly in a container too long. Appears to have had significant dieback while in lathhouse and growth habit is a little distorted.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Quercus robur **Variety:**  
**Cultivar:** **Family:** Fagaceae **Tsnum:** 99030  
**Common Name:** English Oak  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** SC7-7,8

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 20-30 ft.  
**Plant Width:** 20-28 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Green turns to brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Moved Spring of 2003 due to unavoidable construction.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/16/2003  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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---

**Scientific Name:** Quercus robur **Variety:** -0-  
**Cultivar:** -0- **Family:** Fagaceae **Tsnum:** 78109  
**Common Name:** English Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 50-60 ft.  
**Plant Width:** 45-55 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two looks better than the other possibly because the second is crowded by neighboring plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Quercus robur **Variety:** -0-  
**Cultivar:** Pyramich **Family:** Fagaceae **Tsnum:** 87086  
**Common Name:** Skymaster English Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A3

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 45-55 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 8 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Quercus robur **Variety:** -0-  
**Cultivar:** Westminster Globe **Family:** Fagaceae **Tsnum:** 87087  
**Common Name:** Westminster Globe English Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A3, A2

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Round to upright oval  
**Plant Height:** 35-45 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Quercus robur fastigiata x bicolor      **Variety:**  
**Cultivar:** Long                              **Family:** Fagaceae                              **Tsnum:** 99023  
**Common Name:** Regal Prince Oak  
**Source:** Femrite Nursery Company      **Quantity observed:** 2      **Location:** A8, SC7-10

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Columnar  
**Plant Height:** 25-30 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, small/narrow areas

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Scale  
**Pest Severity:** Severe injury on one of two trees  
**Plant Disease:** Sooty mold  
**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage is an impressive dark green with a nice gloss. Dense growth habit is attractive but canopy looks thin on one with some dieback due to scale. One of two is moderately chlorotic probably due to too much shade from nearby building

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** bright yellow

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

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**Scientific Name:** Quercus robur x alba **Variety:**  
**Cultivar:** JFS-KW1QRX **Family:** Fagaceae **Tsnum:** 11017  
**Common Name:** Streetspire Hybrid Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** B4

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Columnar  
**Plant Height:** 7-9 ft.  
**Plant Width:** 2 ft.  
**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, confined areas

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in 2012. Vigor is a little low - may be in too much shade from nearby plants.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 11/4/2015  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Red, darker shades



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*Scientific Name:* Quercus robur x bicolor *Variety:*  
*Cultivar:* Nadler *Family:* Fagaceae *Tsnum:* 12038  
*Common Name:* Kindred Spirit Oak  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 1 *Location:* A3

*Observation Date of Plant:* 9/7/2015

*Plant Habit:* Columnar

*Plant Height:* 7-9 ft.

*Plant Width:* 1-2 ft.

*Current Seasons Growth:* 6-12 in

*Foliage Color:* Medium green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, confined areas for width

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2014 - too soon to recommend.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Quercus stellata **Variety:**  
**Cultivar:** **Family:** Fagaceae **Tsnum:** 15104  
**Common Name:** Post Oak  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** SC10-08

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Young, undefined

**Plant Height:** 6 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Quercus x bebbiana **Variety:**  
**Cultivar:** **Family:** Fagaceae **Tsnum:** 15105  
**Common Name:** White Bur Oak  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** SC10-09

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Young, undefined  
**Plant Height:** 5-6 ft.  
**Plant Width:** 5-6 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Quercus x bimundorum **Variety:**  
**Cultivar:** Midwest **Family:** Fagaceae **Tsnum:** 09018  
**Common Name:** Prairie Stature Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** A3

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 7-10 ft.  
**Plant Width:** 4-5 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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***Scientific Name:*** Quercus x macdanielli ***Variety:***  
***Cultivar:*** Clemons ***Family:*** Fagaceae ***Tsnum:*** 00071  
***Common Name:*** Heritage Oak  
***Source:*** Bailey Nurseries ***Quantity observed:*** 2 ***Location:*** SC7-4, 9

***Observation Date of Plant:*** 8/15/2016

***Plant Habit:*** Upright oval

***Plant Height:*** 20-26 ft.

***Plant Width:*** 12-18 ft.

***Current Seasons Growth:*** 12-18 in.

***Foliage Color:*** Dark green

***Bark Characteristics:*** Intermediate importance

***Plant Summer Texture:*** Coarse

***Aesthetic Plant Quality:*** Good

***Landscape Uses:*** Residential street, specimen, large shade tree

***Overall Plant Health:*** Good

***Fruit Present:*** Few fruit

***Fruit Color:*** Green to brown

***Insect Pests:***

***Pest Severity:***

***Plant Disease:***

***Disease Severity:***

***Cultural Problems:***

***Nuisances:***

***Recommended:*** Yes

***Comments on plant:*** Planted in arboretum in 2003. Slight suckering.

***Observation Date of Flowers:***

***Flower Color:***

***Flower Type:***

***Flower Effect:***

***% of Flower Coverage:***

***Bloom Stage:***

***Comments on Flowers:***

***Fall Color or Fruit:*** Fall color

***Aesthetics:*** Fair

***Fall Color:*** Yellow

***Date of observation:*** 10/16/2003

***Persistence:*** 1-2 weeks

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**Scientific Name:** Quercus x scheutte **Variety:**  
**Cultivar:** Kimberly **Family:** Fagaceae **Tsnum:** 04017  
**Common Name:** Kimberly Hybrid Oak  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** B5

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval

**Plant Height:** 8-10 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Irrigation problem in August.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rhamnus caroliniana **Variety:**  
**Cultivar:** **Family:** Rhamnaceae **Tsnum:** 03148  
**Common Name:** Carolina Buckthorn  
**Source:** Texas **Quantity observed:** 2 **Location:** E5

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Columnar

**Plant Height:** 8-14 ft.

**Plant Width:** 4-7 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice growth habit and very few or no fruit compared to species so should not be as invasive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rhamnus davurica **Variety:** -0-  
**Cultivar:** -0- **Family:** Rhamnaceae **Tsnum:** 78112  
**Common Name:** Dahurian Buckthorn  
**Source:** USDA/NC-7 **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Broad oval

**Plant Height:** 18-25 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant, attractive

**Fruit Color:** Purple/black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** It becomes invasive due to spreading of seeds by birds.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Rhamnus frangula **Variety:** -0-  
**Cultivar:** Asplenifolia **Family:** Rhamnaceae **Tsnum:** 89124  
**Common Name:** Fernleaf Buckthorn  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** A6

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 11-16 ft.  
**Plant Width:** 11-16 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Getting too much shade from nearby plants.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** A good plant for a unique texture and appearance. Looks best in full sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rhamnus frangula **Variety:**  
**Cultivar:** Asplenifolia **Family:** Rhamnaceae **Tsnum:** 10003  
**Common Name:** Fernleaf Buckthorn (tree form)  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** E5

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Upright oval

**Plant Height:** 6-8 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Great for adding unusually fine textured plants to landscape.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rhamnus infectoria **Variety:** -0-  
**Cultivar:** -0- **Family:** Rhamnaceae **Tsnum:** 78111  
**Common Name:** Avignon Berry  
**Source:** USDA/NC-7 **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Broad oval

**Plant Height:** 12-18 ft.

**Plant Width:** 20 - 30 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, small tree

**Overall Plant Health:** Good

**Fruit Present:** Abundant, attractive

**Fruit Color:** Purple/black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Seedlings sprouting all over due to spread by birds.

**Recommended:** Marginal

**Comments on plant:** Might make a nice small multi-stem tree if pruned up. Seedlings can be somewhat invasive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/23/2004

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Rhus aromatica **Variety:** -0-  
**Cultivar:** -0- **Family:** Anacardiaceae **Tsnum:** 77009  
**Common Name:** Fragrant Sumac  
**Source:** Unknown **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 6 - 9 ft.

**Plant Width:** 10 - 20 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/28/2003

**Aesthetics:** Fair

**Persistence:** 1-2 weeks

**Fall Color:** golden yellow, orange, red

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---

**Scientific Name:** Rhus aromatica **Variety:** -0-  
**Cultivar:** Improved **Family:** Anacardiaceae **Tsnum:** 93064  
**Common Name:** Improved Fragrant Sumac  
**Source:** Forrest Keeling Nursery **Quantity observed:** 3 **Location:** A2, A3

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 6-9 ft.  
**Plant Width:** 8-12 ft  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** All have improved a lot since 2013.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Rhus aromatica **Variety:** serotina  
**Cultivar:** Konza **Family:** Anacardiaceae **Tsnum:** 86178  
**Common Name:** Konza Fragrant Sumac  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D4, C4

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Spreading  
**Plant Height:** 7-9 ft.  
**Plant Width:** 10 - 20 ft.  
**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Rhus copallinum **Variety:**  
**Cultivar:** **Family:** Anacardiaceae **Tsnum:** 09073  
**Common Name:** Flameleaf Sumac  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** C5, D5

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 3-6 ft  
**Plant Width:** 2-4 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. Plant size is quite variable.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Very good

**Fall Color:** Red, orange

**Date of observation:** 10/13/2015

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Rhus trilobata **Variety:** -0-  
**Cultivar:** -0- **Family:** Anacardiaceae **Tsnum:** 78014  
**Common Name:** Skunkbush Sumac  
**Source:** Knox City Plant Material **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 6 - 10 ft.

**Plant Width:** 20-25 ft

**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Rhus trilobata **Variety:** -0-  
**Cultivar:** Bighorn **Family:** Anacardiaceae **Tsnum:** 93121  
**Common Name:** Bighorn Skunkbush Sumac  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A3

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 6-8 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Canopy is a little thin and would probably look better with more irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rhus trilobata **Variety:** -0-  
**Cultivar:** Bighorn **Family:** Anacardiaceae **Tsnum:** 91127  
**Common Name:** Bighorn Threelobed Sumac  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** A2

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Broad oval

**Plant Height:** 6-8 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Red/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rhus typhina **Variety:** -0-  
**Cultivar:** Laciniata **Family:** Anacardiaceae **Tsnum:** 78207  
**Common Name:** Cutleaf Staghorn Sumac  
**Source:** Rose Lake Plant Material **Quantity observed:** 1 **Location:** D5

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Spreading, irregular

**Plant Height:** 7-9 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Dependable for good fall color and interesting texture. This plant getting crowded out by neighboring plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/6/2008

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** orange, yellow, red, purple

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---

**Scientific Name:** Rhus typhina **Variety:**  
**Cultivar:** Tiger Eyes **Family:** Anacardiaceae **Tsnum:** 03122  
**Common Name:** Tiger Eyes Staghorn Sumac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** dh

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** upright, irregular

**Plant Height:** 3-4 ft.

**Plant Width:** 2 - 4 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Chartreuse

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Vigor seems low for a sumac. May have too much competition from surrounding plants (large spruce) for moisture. Great leaf and petiole color.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ribes alpinum **Variety:** -0-  
**Cultivar:** -0- **Family:** Saxifragaceae **Tsnum:** 81314  
**Common Name:** Alpine Currant  
**Source:** Denver Home And Garden S **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Broad oval

**Plant Height:** 4-6 ft.

**Plant Width:** 8-12 ft

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, specimen, shrub border,

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Getting a little leggy with age.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ribes alpinum **Variety:** -0-  
**Cultivar:** Green Mound **Family:** Saxifragaceae **Tsnum:** 88123  
**Common Name:** Green Mound Alpine Currant  
**Source:** Timber Creek Nursery **Quantity observed:** 1 **Location:** D6

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Broad oval

**Plant Height:** 4-5 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Hedge, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Very dense growth habit and smaller foliage is attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ribes alpinum **Variety:**  
**Cultivar:** Pumilum **Family:** Saxifragaceae **Tsnum:** 95059  
**Common Name:** Pumilum Currant  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** D6

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Broad oval  
**Plant Height:** 3-5 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Hedge, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Nice dense, compact growth habit.

**Observation Date of Flowers:** 4/29/2003  
**Flower Color:** Green/Yellow  
**Flower Type:** Cluster  
**Flower Effect:** Poor  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ribes alpinum **Variety:**  
**Cultivar:** Schroeder **Family:** Saxifragaceae **Tsnum:** 95058  
**Common Name:** Schroeder Currant  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/11/2016

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 5-8 ft

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Two plants were rejuvenated in 2007. Growth habit would probably look better with full sun.

**Observation Date of Flowers:** 4/22/2003

**Flower Color:** White/Green

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Ribes alpinum **Variety:**  
**Cultivar:** Spreg **Family:** Saxifragaceae **Tsnum:** 03125  
**Common Name:** Green Jeans Alpine Currant  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** D6

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Broad oval, irregular  
**Plant Height:** 3-4 ft.  
**Plant Width:** 6-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Hedge, shrub border

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Growth habit isn't very attractive (somewhat leggy) but may do better in full sun.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ribes americanum **Variety:** -0-  
**Cultivar:** -0- **Family:** Saxifragaceae **Tsnum:** 84023  
**Common Name:** American Black Currant  
**Source:** Denver Botanic Gardens **Quantity observed:** 3 **Location:** D7

**Observation Date of Plant:** 9/10/2016  
**Plant Habit:** Irregular, upright  
**Plant Height:** 4-6 ft.  
**Plant Width:** 6-8 ft  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor to fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf spot

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Leaf spot disease always seems to make this plant defoliate early. Two of three plants were rejuvenated in 2008. Third plant is about to be swallowed by neighboring plant.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Nice fragrance.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Red

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Ribes odoratum **Variety:** -0-  
**Cultivar:** -0- **Family:** Saxifragaceae **Tsnum:** 84202  
**Common Name:** Clove Currant  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Irregular

**Plant Height:** 3-5 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf spot

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Disease causes early defoliation and is not attractive in late summer. Was rejuvenated but slow to return.

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 20-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Great fragrance.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Very good

**Fall Color:** Dark red

**Date of observation:** 9/26/2012

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Ribes sanguineum **Variety:**  
**Cultivar:** White Icicle **Family:** Saxifragaceae **Tsnum:** 03006  
**Common Name:** White Icicle Flowering Currant  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** D7

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 2-3.5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shrub border, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in arboretum in 2003. Often seems to die back to the ground each winter - not hardy for this area although seems to survive last winter okay. Growth habit is very irregular.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Ribes sativum **Variety:**  
**Cultivar:** Red Lake **Family:** Grossulariaceae **Tsnum:** 16104  
**Common Name:** Red Lake Currant  
**Source:** Garden and Home Show **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/10/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Shrub border, wildlife

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Ribes species *Variety:* -0-  
*Cultivar:* -0- *Family:* Saxifragaceae *Tsnum:* 85175  
*Common Name:* Currant  
*Source:* Unknown *Quantity observed:* 1 *Location:* E6

*Observation Date of Plant:* 9/26/2016  
*Plant Habit:* Upright oval to irregular  
*Plant Height:* 5-6 ft.  
*Plant Width:* 5-8 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Coarse  
*Aesthetic Plant Quality:* Poor  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Poor to fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:* Leaf spot

*Disease Severity:* Severe injury

*Cultural Problems:*

*Nuisances:*

*Recommended:* No

*Comments on plant:* Disease causes early defoliation and is not attractive in late summer.

*Observation Date of Flowers:* 4/26/2006

*Flower Color:* Yellow

*Flower Type:* Cluster

*Flower Effect:* Fair

*% of Flower Coverage:* 35-50%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Fair

*Fall Color:* Red

*Date of observation:* 10/10/2004

*Persistence:* 1-2 weeks

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---

**Scientific Name:** Ribes species **Variety:** -0-  
**Cultivar:** -0- **Family:** Saxifragaceae **Tsnum:** 78053  
**Common Name:** Holland Lang Currant  
**Source:** Alaska Plant Material Center **Quantity observed:** 2 **Location:** E6, E7

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Round to broad oval

**Plant Height:** 2-4 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ribes uva-crispa **Variety:**  
**Cultivar:** Red Jacket **Family:** Grossulariaceae **Tsnum:** 03162  
**Common Name:** Comanche Gooseberry  
**Source:** Fort Collins Nursery **Quantity observed:** 3 **Location:** G1

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Broad oval

**Plant Height:** 2 - 3 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier, fruit, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2007.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Robina pseudoacacia **Variety:**  
**Cultivar:** Frisia **Family:** Leguminosae **Tsnum:** 06036  
**Common Name:** Frisia Locust  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** A9, SC11-8

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright, irregular  
**Plant Height:** 20-30 ft.  
**Plant Width:** 15-25 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Yellow/green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Borers

**Pest Severity:** Minor injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2007. One tree is flopping and bending as if trunk is too weak but the other two look good.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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*Scientific Name:* Robinia pseudoacacia      *Variety:*  
*Cultivar:* Contorted      *Family:* Fabaceae      *Tsnum:* 96078  
*Common Name:* Contorted Black Locust  
*Source:* Carlton Plants      *Quantity observed:* 3      *Location:* A9, A10

*Observation Date of Plant:* 9/21/2016  
*Plant Habit:* Upright, irregular  
*Plant Height:* 18-24 ft.  
*Plant Width:* 15 -20 ft.  
*Current Seasons Growth:* 6 - 12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Specimen

*Overall Plant Health:* Fair  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:* Borers  
*Pest Severity:* Moderate injury  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Marginal

*Comments on plant:* Moved in 2003 due to unavoidable construction. Canopy is thin which is probably due to borers. May need systemic insecticide for long term viability.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:*      *Date of observation:*  
*Aesthetics:*      *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** Robinia pseudoacacia **Variety:**  
**Cultivar:** Inermis **Family:** Fabaceae **Tsnum:** 08006  
**Common Name:** Globe Locust  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A9

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium to dark green green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Borers  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Robinia pseudoacacia **Variety:**  
**Cultivar:** Lace Lady **Family:** Fabaceae **Tsnum:** 09049  
**Common Name:** Twisty Baby Black Locust  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** A10

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Irregular

**Plant Height:** 7-10 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen

**Overall Plant Health:** fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Borers

**Pest Severity:** Minor injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2011. Lost central leader. Borers may make this a short term tree.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Robinia pseudoacacia **Variety:**  
**Cultivar:** Monophylla **Family:** Fabaceae **Tsnum:** 10009  
**Common Name:** Black Locust  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** A9

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Borers

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Much less borer damage than other Robinia.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Robinia pseudoacacia **Variety:**  
**Cultivar:** Purple Robe **Family:** Fabaceae **Tsnum:** 08025  
**Common Name:** Purple Robe Black Locust  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** A10

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 8-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Borers  
**Pest Severity:** Moderate to severe injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** Planted in 2009. Borers caused top 2/3 to die but coming back strong from branch trained into new central leader.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Robinia x ambigua **Variety:** -0-  
**Cultivar:** Idahoensis **Family:** Leguminosae **Tsnum:** 78037  
**Common Name:** Idaho Locust  
**Source:** Milton Nursery **Quantity observed:** 1 **Location:** C6

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 40-50 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 10-15 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Borers

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Appears to have survived the infestations of borers that was a significant problem in the past. Might grow wider if it had more room.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** CP 02 3501 **Family:** Rosaceae **Tsnum:** 11034  
**Common Name:** Hybrid Rose  
**Source:** The Conard Pyle Co. **Quantity observed:** 2 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 6-12 in.

**Plant Width:** 6-12 in.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2011. Barely survived sudden, severe freeze November 2014.

**Observation Date of Flowers:** 10/3/2013

**Flower Color:** Yellow maturing to white and pink

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 10%

**Bloom Stage:** Past peak

**Comments on Flowers:** Buds have dark red edges on petals

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meidrifora **Family:** Rosaceae **Tsnum:** 15113  
**Common Name:** Coral Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 12-18"  
**Plant Width:** 1-2'  
**Current Seasons Growth:** 4-8"

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meigalpio **Family:** Rosaceae **Tsnum:** 15117  
**Common Name:** Red Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:** Young, undefined

**Plant Height:** 12-18"

**Plant Width:** 1-2'

**Current Seasons Growth:** 4-8"

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meiggili **Family:** Rosaceae **Tsnum:** 15114  
**Common Name:** Peach Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:** Young, undefined

**Plant Height:** 12-18"

**Plant Width:** 1-2'

**Current Seasons Growth:** 4-8"

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meijocos **Family:** Rosaceae **Tsnum:** 15115  
**Common Name:** Pink Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 12-18"  
**Plant Width:** 1-2'  
**Current Seasons Growth:** 4-8"

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meikanaro **Family:** Rosaceae **Tsnum:** 11028  
**Common Name:** Sunshine Daydream Rose™  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright

**Plant Height:** 1 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Size and vigor is lower since sudden, severe freeze November 2014.

**Observation Date of Flowers:** 10/3/2013

**Flower Color:** Yellow cream

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 5.00%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meikokan **Family:** Rosaceae **Tsnum:** 11029  
**Common Name:** Tequila Supreme™  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular, broad

**Plant Height:** 2 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:** 10/3/2013

**Flower Color:** Pink/peach

**Flower Type:** Single

**Flower Effect:** Fair to good

**% of Flower Coverage:** 10.00%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meikolima **Family:** Rosaceae **Tsnum:** 11032  
**Common Name:** Pink Flamingo Rose TM  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 6-12 in

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Survived sudden severe freeze November 2014 but not by much.

**Observation Date of Flowers:**

**Flower Color:** Pink Flamingo

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meimirrote **Family:** Rosaceae **Tsnum:** 15112  
**Common Name:** Apricot Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:** Young, undefined

**Plant Height:** 12-18"

**Plant Width:** 1-2'

**Current Seasons Growth:** 4-8"

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Meisweldom **Family:** Rosaceae **Tsnum:** 15118  
**Common Name:** Sweet Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:** Young, undefined

**Plant Height:** 12-18"

**Plant Width:** 1-2'

**Current Seasons Growth:** 4-8"

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Novarospop **Family:** Rosaceae **Tsnum:** 15116  
**Common Name:** Popcorn Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:** Young, undefined

**Plant Height:** 12-18"

**Plant Width:** 1-2'

**Current Seasons Growth:** 4-8"

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. Nice flush of initial flowers but very few after that but may do more as it gets further established.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Radprov **Family:** Rosaceae **Tsnum:** 11030  
**Common Name:** Orchard Romance Rose TM  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Vigor is low but recovering after sudden, severe freeze November 2014.

**Observation Date of Flowers:** 9/30/2011

**Flower Color:** Pink

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 5%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Radrazz **Family:** Rosaceae **Tsnum:** 08040  
**Common Name:** Knock Out Rose  
**Source:** The Conard Pyle Co. **Quantity observed:** 2 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval or round

**Plant Height:** 1-2 ft

**Plant Width:** 2-3 ft

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, barrier, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:** Green to brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. Two plants didn't survive sudden severe freeze November 2014.

**Observation Date of Flowers:** 8/29/2011

**Flower Color:** Deep pink, rose

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 30%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Radtreasure **Family:** Rosaceae **Tsnum:** 11035  
**Common Name:** Tahitian Treasure Rose  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2011. Having a difficult time recovering after sudden, severe freeze November 2014.

**Observation Date of Flowers:** 10/3/2013

**Flower Color:** Rose/deep pink

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 10%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Sprothrive **Family:** Rosaceae **Tsnum:** 11031  
**Common Name:** Thrive! Rose TM  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 2 ft.

**Plant Width:** 12 in.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few fruit

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2011. Vigor is low along with moderate chlorosis probably related to sudden, severe freeze November 2014.

**Observation Date of Flowers:** 9/30/2011

**Flower Color:** Dark, velvety red

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 30%

**Bloom Stage:** Past peak

**Comments on Flowers:** Great color.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Rosa acicularis *Variety:* -0-  
*Cultivar:* -0- *Family:* Rosaceae *Tsnum:* 78052  
*Common Name:* Rose  
*Source:* Alaska Plant Material Center *Quantity observed:* 1 *Location:* C2

*Observation Date of Plant:* 10/5/2015  
*Plant Habit:* Upright  
*Plant Height:* 4-5 ft.  
*Plant Width:* 8-12 ft  
*Current Seasons Growth:* 1-2 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Poor  
*Landscape Uses:* Barrier (thorns), Specimen, Shrub border

*Overall Plant Health:* Fair  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*

*Recommended:* Marginal  
*Comments on plant:* Needs regular pruning to look attractive. May colonize an area by rhizomes.  
Would probably look better with more sun.

*Observation Date of Flowers:* 5/8/2006  
*Flower Color:* Pink  
*Flower Type:* Single  
*Flower Effect:* Good  
*% of Flower Coverage:* 40-60%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:* Seem to be early this year but unusually showy.

*Fall Color or Fruit:* Fall color *Date of observation:* 10/6/2008  
*Aesthetics:* Fair *Persistence:* 1-2 weeks  
*Fall Color:* Mostly bronze/red but also some dark p



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**Scientific Name:** Rosa glauca **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 10109  
**Common Name:** Redleaf rose  
**Source:** Plant Select DBG **Quantity observed:** 2 **Location:** C2, G3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 3-6 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Blue/green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** Showy

**Fruit Color:** Red/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Meiguimov                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** The Charlatan Rose                      **Tsnum:** 10038  
**Source:** The Conard Pyle Co.                      **Quantity observed:** 1    **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright, irregular

**Plant Height:** 1-2 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** Abundant, not showy

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Smaller but recovering after sudden severe freeze November 2014.

**Observation Date of Flowers:** 9/15/2013

**Flower Color:** white with a pink blush, cherry pink anthers

**Flower Type:** single

**Flower Effect:** Fair

**% of Flower Coverage:** 10.00%

**Bloom Stage:** Past peak

**Comments on Flowers:** Single petals, beautiful coloring

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Meijecycka  
**Common Name:** Limoncello Rose  
**Source:**

**Family:** Rosaceae  
**Quantity observed:** 1  
**Location:** C2

**Variety:**  
**Tsnum:** 10036

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 2-3 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Severe freeze November 2014 resulted in some canopy loss but it is recovering.

**Observation Date of Flowers:** 10/3/2013

**Flower Color:** Light yellow

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 30.00%

**Bloom Stage:** In flower

**Comments on Flowers:** Still looks very showy for late in season.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Meiklutz  
**Common Name:** Fairy Meidiland Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 07018  
**Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular, arching, open

**Plant Height:** 3-4 ft.

**Plant Width:** 4-6 ft

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2008. Appears to be reverting to giant leggy monster.

**Observation Date of Flowers:** 9/15/2013

**Flower Color:** Deep pink

**Flower Type:** Double petals

**Flower Effect:**

**% of Flower Coverage:** 5.00%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Meizmea  
**Common Name:** Carefree Spirit Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 07020  
**Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular, upright

**Plant Height:** 1-2 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Not showy

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2012. Low vigor and chlorotic since sudden severe freeze November 2014.

**Observation Date of Flowers:** 10/2/2013

**Flower Color:** Dark pink with white eye and backside of petal

**Flower Type:** Cluster

**Flower Effect:** Fair to good

**% of Flower Coverage:** 20.00%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Meizmea                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Carefree Spirit Rose                      **Tsnum:** 10142  
**Source:** The Conard Pyle Co.                      **Quantity observed:** 3                      **Location:** C1, C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 2-3 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good to excellent

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Good to excellent

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice compact growth habit. Didn't have as much dieback as others in sudden, severe freeze November 2014.

**Observation Date of Flowers:** 8/3/2011

**Flower Color:** Red to deep pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 40%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Has showy masses of flowers

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Radcarn  
**Common Name:** Peppermint Pop Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 10040  
**Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular

**Plant Height:** 1-2 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant, thorns

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, barrier plant

**Overall Plant Health:** Good

**Fruit Present:** Not showy

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. One of two plants didn't survive sudden severe freeze November 2014.

**Observation Date of Flowers:** 10/3/2013

**Flower Color:** Rose edges with peach blush in center

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 10-15%

**Bloom Stage:** Past peak

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Radral  
**Common Name:** Carefree Celebration Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 3

**Variety:**  
**Tsnum:** 07017  
**Location:** C1, C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular, upright

**Plant Height:** 1-3 ft

**Plant Width:** 2-3 ft

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good to fair

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** Unimportant

**Fruit Color:** Green to brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. Recovering after sudden, severe freeze November 2014 and some canopy dieback.

**Observation Date of Flowers:** 8/29/2011

**Flower Color:** Apricot/pink/salmon

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 20%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Rosa x  
**Cultivar:** Radtkopink  
**Common Name:** Double Pink Knock Out Rose  
**Source:** The Conard Pyle Co.

**Variety:**  
**Tsnum:** 07019

**Family:** Rosaceae

**Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Irregular, upright

**Plant Height:** 2 ft

**Plant Width:** 2 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008. Vigor is lower since sudden, severe freeze November 2014.

**Observation Date of Flowers:** 8/29/2011

**Flower Color:** Pink

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 25%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Vibrant color

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Radwhite  
**Common Name:** White Out Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 07021  
**Location:** C1

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval, compact habit  
**Plant Height:** 18-24 in.  
**Plant Width:** 2 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Hedge, barrier, specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:** Green to brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in 2008. One of two plants didn't survive sudden severe freeze November 2014.

**Observation Date of Flowers:** 7/29/2011  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 30%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Plants have 2-2.5" single white blooms.

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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**Scientific Name:** Rosa x  
**Cultivar:** Ruby Voo Doo                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Ruby Voo Doo                      **Tsnum:** 10127  
**Source:** Plant Select/DBG                      **Quantity observed:** 1    **Location:** C2

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright, irregular  
**Plant Height:** 4-4.5 ft  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in 2010. Had some dieback after sudden severe freeze November 2014.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**                      **Date of observation:**  
**Aesthetics:**                                      **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Ruby Voodoo                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Ruby Voodoo Rose                      **Tsnum:** 14099  
**Source:** Garden and Home Show                      **Quantity observed:** 1                      **Location:** G3

**Observation Date of Plant:** 9/16/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 2 ft  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 4-8 in

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**                      **Date of observation:**  
**Aesthetics:**                                      **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Rubus x tridel **Variety:**  
**Cultivar:** Beneden **Family:** Rosaceae **Tsnum:** 97250  
**Common Name:** Benenden Thimbleberry  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G2

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Irregular

**Plant Height:** 5-6 ft.

**Plant Width:** 7-9 ft

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Never have noticed much fruit but may be in too much shade. Growth habit is a little leggy but may look better if not crowded by neighboring plants.

**Observation Date of Flowers:** 5/10/2006

**Flower Color:** White

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 26-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers are 1.5-2.0 inches across and are showy but relatively few compared to something like a mockorange or spirea.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Salix alba **Variety:** -0-  
**Cultivar:** Altra **Family:** Salicaceae **Tsnum:** 78209  
**Common Name:** Altra White Willow  
**Source:** Unknown **Quantity observed:** 1 **Location:** F8

**Observation Date of Plant:** 8/31/2016  
**Plant Habit:** Becoming broad oval, multistem  
**Plant Height:** 50-55 ft.  
**Plant Width:** 60-70 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, erosion control, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Seems to have better resistance to canker than most Salix but still a few dead branches.

**Observation Date of Flowers:** 4/1/2003

**Flower Color:** Lt. Yellow

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Salix alba **Variety:**  
**Cultivar:** Britzensis **Family:** Salicaceae **Tsnum:** 94002  
**Common Name:** Brilliant Redtwigged Willow  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** A10

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 50-60 ft.

**Plant Width:** 30-40 ft

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, erosion control

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury 10-20% of canopy is affected

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Twigs are attractive all year long but less noticeable in the summer.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**





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---

**Scientific Name:** Salix caprea **Variety:** -0-  
**Cultivar:** -0- **Family:** Salicaceae **Tsnum:** 84191  
**Common Name:** Pussy Willow  
**Source:** Skinner Wholesale Nursery I **Quantity observed:** 1 **Location:** F8

**Observation Date of Plant:** 8/31/2016  
**Plant Habit:** Upright oval becoming irregular  
**Plant Height:** 12-18 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border, erosion control

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Slight to moderate injury  
**Cultural Problems:** Crowded by nearby plants - needs more sun  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** May be okay if rejuvenated periodically.

**Observation Date of Flowers:** 3/15/2012  
**Flower Color:** Silver/Yellow  
**Flower Type:** Cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 50-60%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Salix caprea **Variety:** -0-  
**Cultivar:** Rosea **Family:** Salicaceae **Tsnum:** 92259  
**Common Name:** French Pink Pussy Willow  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** E8

**Observation Date of Plant:** 9/26/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 25-30 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 12-24 in

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**

**Plant Disease:** Canker  
**Disease Severity:** Severe injury  
**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Only one of three trees remains and it looks nearly dead.

**Observation Date of Flowers:** 4/1/2006  
**Flower Color:** Silver and yellow  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 60-80%  
**Bloom Stage:** Flowers opening  
**Comments on Flowers:** Pink color is not very obvious.

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Salix discolor **Variety:** -0-  
**Cultivar:** -0- **Family:** Salicaceae **Tsnum:** 84192  
**Common Name:** Pussy Willow  
**Source:** Skinner Wholesale Nursery I **Quantity observed:** 2 **Location:** F9, F10

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Upright oval

**Plant Height:** 10-15 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 3-4 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, native planting, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate to severe injury

**Cultural Problems:**

**Nuisances:** Susceptible to storm damage

**Recommended:** Marginal

**Comments on plant:** Both had a lot of dieback and basically starting over from the base which looks healthy and attractive if dead was removed.

**Observation Date of Flowers:** 3/15/2012

**Flower Color:** Silver/Yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Salix matsudana **Variety:** -0-  
**Cultivar:** Tortuosa **Family:** Salicaceae **Tsnum:** 89135  
**Common Name:** Corkscrew Willow  
**Source:** Sherman Nursery **Quantity observed:** 1 **Location:** E9

**Observation Date of Plant:** 9/10/2016  
**Plant Habit:** Vase to upright oval and becoming irregular as it ages  
**Plant Height:** 25-30 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen

**Overall Plant Health:** Poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Severe injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No

**Comments on plant:** Interesting growth habit but cankers are a continual problem. Thirty percent of canopy removed in 2011 due to snow damage. Over 50% dead in 2016.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/23/2004  
**Aesthetics:** Fair **Persistence:** 2-4 weeks  
**Fall Color:** Yellow

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---

**Scientific Name:** Salix pentandra x sepulcralis **Variety:**  
**Cultivar:** Prairie Cascade **Family:** Salicaceae **Tsnum:** 86156  
**Common Name:** Prairie Cascade Willow  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** F9

**Observation Date of Plant:** 9/10/2016  
**Plant Habit:** Upright oval becoming irregular  
**Plant Height:** 20-25 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Poor  
**Fruit Present:** None  
**Fruit Color:**

**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Severe injury  
**Cultural Problems:**

**Nuisances:**  
**Recommended:** No

**Comments on plant:** Needs regular pruning to look good. 30% of canopy affected by canker and was removed in 2012. Appears to be near death in 2016.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color  
**Aesthetics:** Good  
**Fall Color:** yellow

**Date of observation:** 10/6/2008  
**Persistence:** 1-2 weeks

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---

*Scientific Name:* Salix purpurea *Variety:* -0-  
*Cultivar:* Gracilis *Family:* Salicaceae *Tsnum:* 84141  
*Common Name:* Dwarf Blueleaf Arctic Willow  
*Source:* Mount Arbor Nursery *Quantity observed:* 1 *Location:* F8

*Observation Date of Plant:* 8/29/2016

*Plant Habit:* Broad oval

*Plant Height:* 4-5 ft.

*Plant Width:* 7-10 ft

*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Blue/green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shrub border, erosion control

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:* Canker

*Disease Severity:* Slight injury

*Cultural Problems:*

*Nuisances:*

*Recommended:* Marginal

*Comments on plant:* Two died from cankers but third was rejuvenated and looks good.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Salix x  
**Cultivar:** Flame  
**Common Name:** Flame Willow  
**Source:** Bailey Nurseries

**Family:** Salicaceae

**Variety:** -0-  
**Tsnum:** 84201

**Quantity observed:** 2  
**Location:** F7, F8

**Observation Date of Plant:** 8/31/2016

**Plant Habit:** Upright oval

**Plant Height:** 18-25 ft.

**Plant Width:** 10-18 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border, erosion control

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** One of two trees has moderate to severe problems with dead branches - about 30% -due to canker.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/10/2004

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Salix x  
**Cultivar:** Globe  
**Common Name:** Globe Willow  
**Source:** Mount Arbor Nursery  
**Family:** Salicaceae  
**Quantity observed:** 1  
**Variety:** -0-  
**Tsnum:** 88079  
**Location:** F10

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Broad oval to round but becoming irregular  
**Plant Height:** 30-40 ft.  
**Plant Width:** 40-45 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Moderate injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Decreased in width due to snow damage October 2011. 10% of canopy is dead branches from old cankers.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color  
**Aesthetics:** Fair  
**Fall Color:** Yellow  
**Date of observation:** 10/28/2003  
**Persistence:** 2-4 weeks



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---

**Scientific Name:** Salix x **Variety:** -0-  
**Cultivar:** Irette **Family:** Salicaceae **Tsnum:** 84231  
**Common Name:** Irette Willow  
**Source:** USDA, Glen Dale, MD **Quantity observed:** 1 **Location:** F9

**Observation Date of Plant:** 9/26/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 7-10 ft

**Current Seasons Growth:** 4-6 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, erosion control

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Minor injury

**Cultural Problems:**

**Nuisances:** Susceptible to storm damage

**Recommended:** Marginal

**Comments on plant:** Regrowing back from extensive canker damage in the past.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Sambucus **Variety:**  
**Cultivar:** Black Beauty **Family:** Caprifoliaceae **Tsnum:** 05090  
**Common Name:** Black Beauty Elder  
**Source:** Proven Winners **Quantity observed:** 3 **Location:** A11

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Irregular  
**Plant Height:** 5-7 ft.  
**Plant Width:** 8-10 ft.  
**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Dark purple/red  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Black  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Yes

**Comments on plant:** This cultivar isn't as dark as S. 'Black Lace'. One of three moved in 2016 due to unavoidable construction and is much smaller.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Sambucus  
**Cultivar:** Black Lace  
**Common Name:** Black Lace Elder  
**Source:** Proven Winners  
**Family:** Caprifoliaceae  
**Quantity observed:** 1  
**Variety:**  
**Tsnum:** 05101  
**Location:** A11

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval to round

**Plant Height:** 4-5 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 1 - 2 ft.

**Foliage Color:** Dark purple - close to black

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good to excellent

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Dark purple/red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Great for garden texture and foliage color.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Sambucus canadensis **Variety:** laciniata  
**Cultivar:** -0- **Family:** Carifoliaceae **Tsnum:** 91087  
**Common Name:** Cutleaf American Elder  
**Source:** Sherman Nursery **Quantity observed:** 3 **Location:** A13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Vase, arching

**Plant Height:** 10-14 ft.

**Plant Width:** 10-15 ft

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant on sunny side of plant

**Fruit Color:** Black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Requires regular pruning too remove dead branches.

**Recommended:** Yes

**Comments on plant:** Nice foliage to add textural interest to landscape.

**Observation Date of Flowers:** 6/12/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 75-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Tiny flowers, delicate appearance

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Sambucus nigra **Variety:**  
**Cultivar:** Gerda **Family:** Caprifoliaceae **Tsnum:** 04049  
**Common Name:** Black Beauty Elderberry  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** A13

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval

**Plant Height:** 4-5 ft.

**Plant Width:** 8-10 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Dark purple/black

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Sambucus nigra **Variety:**  
**Cultivar:** Madonna **Family:** Caprifoliaceae **Tsnum:** 06012  
**Common Name:** Madonna European Alder  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Upright oval

**Plant Height:** 3-4.5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Variegated - light green with yellow edges which fade to white

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2006. Variegated foliage is brighter toward the tips.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Sambucus pubens *Variety:* -0-  
*Cultivar:* -0- *Family:* Caprifoliaceae *Tsnum:* 87148  
*Common Name:* Red Elderberry  
*Source:* American Horticultural Societ *Quantity observed:* 1 *Location:* A13

*Observation Date of Plant:* 9/21/2016

*Plant Habit:* Vase or irregular

*Plant Height:* 10-15 ft.

*Plant Width:* 15-20 ft.

*Current Seasons Growth:* 3-5 ft.

*Foliage Color:* Medium to dark green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Wildlife, specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Requires regular pruning too remove dead branches.

*Observation Date of Flowers:* 5/2/2006

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 70-80%

*Bloom Stage:* Flowers open

*Comments on Flowers:* Fruit became a showy, rich red color.

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Shepherdia argentea **Variety:**  
**Cultivar:** **Family:** Elaeagnaceae **Tsnum:** 97273  
**Common Name:** Silver Buffalo Berry  
**Source:** USDA, Meeker, CO **Quantity observed:** 1 **Location:** G6

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Irregular

**Plant Height:** 8-12 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium olive gray/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Barrier, xeriscape, shrub border, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2005. Growth habit is not very attractive but improving with age.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**







**2016 Woody Plant Evaluations  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*Scientific Name:* Sibirea laevigata

*Variety:*

*Cultivar:*

*Family:* Rosaceae

*Tsnum:* 03169

*Common Name:* Siberian Spirea

*Source:* Plant Select

*Quantity observed:*

1 *Location:* G1

*Observation Date of Plant:* 9/16/2015

*Plant Habit:* Irregular

*Plant Height:* 3-4 ft.

*Plant Width:* 6-8 ft.

*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Fair to good

*Landscape Uses:* Shrub border, specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

**2016 Woody Plant Evaluations  
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---

*Scientific Name:* Sophora japonica *Variety:* -0-  
*Cultivar:* -0- *Family:* Leguminosae *Tsnum:* 78120  
*Common Name:* Japanese Pagoda Tree  
*Source:* Milton Nursery *Quantity observed:* 1 *Location:* D5

*Observation Date of Plant:* 9/30/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 50-60 ft.  
*Plant Width:* 35-45 ft.  
*Current Seasons Growth:* 1 - 2 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good  
*Fruit Present:* Abundant fruit  
*Fruit Color:* Green  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Looks good despite past storm damage.

*Observation Date of Flowers:* 8/22/2003  
*Flower Color:* Cream/white  
*Flower Type:* Cluster  
*Flower Effect:* Good to fair  
*% of Flower Coverage:* 30-40%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Sophora japonica **Variety:**  
**Cultivar:** Halka **Family:** Fabaceae **Tsnum:** 00036  
**Common Name:** Millstone Japanese Pagodatree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** D6

**Observation Date of Plant:** 9/30/2016  
**Plant Habit:** Upright oval becoming irregular due to snow damage October 2011.  
**Plant Height:** 30-40 ft.  
**Plant Width:** 20-25 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Tree sustained significant storm damage October 2011 that ruined growth habit but recovering by 2016. This cultivar has fewer twigs with canker than Sophora 'Regent'.

**Observation Date of Flowers:** 8/22/2003

**Flower Color:**

**Flower Type:**

**Flower Effect:** Poor

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:** Not even a hint of flowers this year - possibly in too much shade but doesn't seem likely.

**Fall Color or Fruit:** fc **Date of observation:** 11/8/2016  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Sorbaria kirikowii **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 02018  
**Common Name:** Falsespirea  
**Source:** Sjulín Nurseries **Quantity observed:** 3 **Location:** m

**Observation Date of Plant:** 8/27/2015  
**Plant Habit:** Upright oval some becoming round  
**Plant Height:** 6-9 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Growth habit is much more uniform and attractive than most Sorbaria. Suckering appears to be less vigorous. Probably the best looking Sorbaria in collection. One of three is shaded by neighboring plants and 1/4 as big.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*Scientific Name:* Sorbaria sorbifolia *Variety:* -0-  
*Cultivar:* -0- *Family:* Rosaceae *Tsnum:* 83178  
*Common Name:* Ural False Spirea  
*Source:* Bailey Nurseries *Quantity observed:* 3 *Location:* C2

*Observation Date of Plant:* 10/5/2015  
*Plant Habit:* Upright  
*Plant Height:* 6-8 ft.  
*Plant Width:* 20-30 ft.  
*Current Seasons Growth:* 2 - 4 ft.

*Foliage Color:* Medium green  
*Bark Characteristics:* Not very important  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Shrub border, erosion control

*Overall Plant Health:* Good  
*Fruit Present:* Unimportant

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Will colonize surrounding area if given the chance.

*Observation Date of Flowers:* 7/15/2003

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 26-50%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Good

*Fall Color:* yellow

*Date of observation:* 11/3/2005

*Persistence:* 1-2 weeks

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Sorbaria sorbifolia **Variety:**  
**Cultivar:** 13199 **Family:** Rosaceae **Tsnum:** 97086  
**Common Name:** 13199 False Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A0

**Observation Date of Plant:** 8/27/2015  
**Plant Habit:** Upright, colonizing area from suckers  
**Plant Height:** 3 ft.  
**Plant Width:** 4-6 ft  
**Current Seasons Growth:** 1-3 ft

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal  
**Comments on plant:** Low vigor. May require more irrigation and sun than it gets at the edge of the arboretum.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Sorbaria sorbifolia **Variety:**  
**Cultivar:** 20178 **Family:** Rosaceae **Tsnum:** 97087  
**Common Name:** 20178 False Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A0

**Observation Date of Plant:** 8/27/2015  
**Plant Habit:** Upright, irregular  
**Plant Height:** 2-4 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** Low vigor - may be in too much shade.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Sorbaria sorbifolia **Variety:**  
**Cultivar:** 21773 **Family:** Rosaceae **Tsnum:** 97088  
**Common Name:** 21773 False Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A1

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Upright

**Plant Height:** 4 - 5 ft.

**Plant Width:** 6-10 ft.

**Current Seasons Growth:** 2 - 4 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has better uniformity than most Sorbaria.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow

**Date of observation:** 10/16/2003

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Sorbaria sorbifolia **Variety:**  
**Cultivar:** Skinner's Strain **Family:** Rosaceae **Tsnum:** 00154  
**Common Name:** Skinner's strain Ural Falsespirea  
**Source:** Fort Collins Nursery **Quantity observed:** 2 **Location:** A0

**Observation Date of Plant:** 8/27/2015  
**Plant Habit:** Upright, colonizing area from suckers  
**Plant Height:** 4-7 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, erosion control

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Sorbaria sp. **Variety:**  
**Cultivar:** 10741 **Family:** Rosaceae **Tsnum:** 97085  
**Common Name:** 10741 False Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A0

**Observation Date of Plant:** 8/28/2015  
**Plant Habit:** Upright, irregular, colonizing area with suckers  
**Plant Height:** 4-5.5 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** One of two looks good and the second plant has low vigor and is declining.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Sorbaria tomentosa **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 91097  
**Common Name:** False Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 4 **Location:** A0

**Observation Date of Plant:** 8/27/2015

**Plant Habit:** Upright, irregular

**Plant Height:** 3-4 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Transplanted in 2003 due to construction and hasn't had much vigor since. Two look good, one looks weak and one died since last evaluation. May be in too much shade or not getting enough irrigation at corner of arboretum.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Sorbus aria **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 81277  
**Common Name:** White Beam Tree  
**Source:** Denver Botanic Gardens **Quantity observed:** 2 **Location:** C4

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 25-35 ft.

**Plant Width:** 18-25 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Orange

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look better if not crowded by neighbors.

**Observation Date of Flowers:** 5/7/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 11/3/2005

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

*Scientific Name:* Sorbus aucuparia *Variety:* -0-  
*Cultivar:* -0- *Family:* Rosaceae *Tsnum:* 78116  
*Common Name:* European Mountain Ash  
*Source:* -0- *Quantity observed:* 1 *Location:* C4

*Observation Date of Plant:* 10/5/2015

*Plant Habit:* Upright oval

*Plant Height:* 40-50 ft.

*Plant Width:* 35-45 ft.

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Dark green

*Bark Characteristics:* Intermediate importance

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Wildlife, residential street, specimen

*Overall Plant Health:* Good

*Fruit Present:* Abundant fruiting, showy

*Fruit Color:* Orange/red

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Has some bad crotch angles but very attractive overall.

*Observation Date of Flowers:* 5/7/2003

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 51-75%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Good

*Fall Color:* orange/red

*Date of observation:* 11/3/2005

*Persistence:* 1-2 weeks

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Sorbus aucuparia **Variety:** -0-  
**Cultivar:** Blackhawk **Family:** Rosaceae **Tsnum:** 85142  
**Common Name:** Blackhawk European Ash  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** B3, B4

**Observation Date of Plant:** 9/30/2015

**Plant Habit:** Upright oval

**Plant Height:** 35-45 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** Minimal fruiting

**Fruit Color:** Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has a nice growth habit.

**Observation Date of Flowers:** 5/7/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** orange/red, yellow

**Date of observation:** 11/3/2005

**Persistence:** 1-2 weeks



**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Sorbus aucuparia **Variety:** -0-  
**Cultivar:** Cardinal Royal **Family:** Rosaceae **Tsnum:** 84139  
**Common Name:** Cardinal Royal European Mtn. Ash  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval to pyramidal  
**Plant Height:** 30-40 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good  
**Fruit Present:** Minimal amount of fruit  
**Fruit Color:** Red, very showy  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Probably the best looking Sorbus in the arboretum.

**Observation Date of Flowers:** 5/7/2003  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 51-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 11/2/2005  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** yellow/orange/red

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Sorbus aucuparia **Variety:** -0-  
**Cultivar:** Cherokee **Family:** Rosaceae **Tsnum:** 85166  
**Common Name:** Cherokee Mountain Ash  
**Source:** Mount Arbor Nursery **Quantity observed:** 2 **Location:** C3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 30-40 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor to good

**Landscape Uses:** Wildlife, specimen, fall color

**Overall Plant Health:** Poor to good

**Fruit Present:** Moderate fruiting, showy

**Fruit Color:** Orange/red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Tends to develop codominant leaders. Smaller tree is chlorotic, 1/3 smaller than the second tree and seems to be declining. It looks close to dying.

**Observation Date of Flowers:** 5/7/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** orange/red

**Date of observation:** 11/2/2005

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Sorbus aucuparia **Variety:** -0-  
**Cultivar:** Columbia Queen **Family:** Rosaceae **Tsnum:** 88088  
**Common Name:** Columbia Queen Mountain Ash  
**Source:** Handy Nursery Co. **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 9/15/2015

**Plant Habit:** Upright oval

**Plant Height:** 30-37 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good

**Fruit Present:** Moderate fruiting

**Fruit Color:** Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 5/7/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** orange/red

**Date of observation:** 11/2/2005

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations  
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---

**Scientific Name:** Sorbus aucuparia **Variety:**  
**Cultivar:** Rossica **Family:** Rosaceae **Tsnum:** 15060  
**Common Name:** Rossica Mountain Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-13

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Narrow upright oval

**Plant Height:** 8-10 ft.

**Plant Width:** 3-4 ft

**Current Seasons Growth:** 10-15 in

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Sorbus aucuparia **Variety:** -0-  
**Cultivar:** Xanthocarpa **Family:** Rosaceae **Tsnum:** 81291  
**Common Name:** European Mtn. Ash  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 25-35 ft.

**Plant Width:** 25-30 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** Moderate

**Fruit Color:** Orange

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Gummosis within 1 ft. of ground but still looks good in 2015. Light suckering.

**Observation Date of Flowers:** 5/7/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/6/2008

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** peach/orange, bright orange

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---

**Scientific Name:** Sorbus hybrida **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 02012  
**Common Name:** Oak Leaf Mountain Ash  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** SC9-14

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Upright oval or irregular  
**Plant Height:** 6-8 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Cankers  
**Disease Severity:** Severe injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** 75% of tree died from cankers.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Sorbus mougeotii **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 81279  
**Common Name:** Mountain Ash  
**Source:** Denver Botanic Gardens **Quantity observed:** 2 **Location:** C3

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 24-30 ft.

**Plant Width:** 18-24 ft.

**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** Few fruit

**Fruit Color:** Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** One plant looks worse due to storm damage and suckering. Both would probably look better if not crowded for space.

**Observation Date of Flowers:** 5/7/2003

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 51-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** golden yellow

**Date of observation:** 11/3/2005

**Persistence:** 1-2 weeks

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**Scientific Name:** Sorbus pohuashanensis **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 78115  
**Common Name:** Mountain Ash  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 25-30 ft.  
**Plant Width:** 20-30 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None, dropped earlier than any other Sorbus  
**Fruit Color:** Orange  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 5/7/2003  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Poor  
**% of Flower Coverage:** 0-25%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/6/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow/orange



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**Scientific Name:** Sorbus torminalis **Variety:**  
**Cultivar:** 26149 **Family:** Rosaceae **Tsnum:** 02040  
**Common Name:** Wild Service Tree  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** C4

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Young, undefined  
**Plant Height:** 7-9 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 4 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, wildlife

**Overall Plant Health:** Fair to poor  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Moderate to severe injury  
**Cultural Problems:** Left in lathhouse too long.  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Planted in 2013. Canker may kill tree.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Spiraea **Variety:**  
**Cultivar:** Conalex **Family:** Rosaceae **Tsnum:** 13077  
**Common Name:** Lightning Strike Spirea  
**Source:** The Conard Pyle Co. **Quantity observed:** 2 **Location:** E2

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Spiraea arguta **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 91088  
**Common Name:** Garland Spirea  
**Source:** Sherman Nursery **Quantity observed:** 1 **Location:** D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 5-7 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/19/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 90-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Spiraea arguta compacta                                      *Variety:* compacta  
*Cultivar:* -0-                                      *Family:* Rosaceae                                      *Tsnum:* 91089  
*Common Name:* Dwarf Garland Spirea  
*Source:* Sherman Nursery                                      *Quantity observed:* 3    *Location:* E2

*Observation Date of Plant:* 10/8/2015  
*Plant Habit:* Broad oval to round  
*Plant Height:* 4 - 5 ft.  
*Plant Width:* 4-8 ft  
*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium green with a shade of blue  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Fine  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* Unimportant  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:* 4/19/2006  
*Flower Color:* White  
*Flower Type:* Cluster  
*Flower Effect:* Excellent  
*% of Flower Coverage:* 90-100%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:*                                      *Date of observation:*  
*Aesthetics:*                                      *Persistence:*  
*Fall Color:*

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*Scientific Name:* Spiraea betulifolia *Variety:*  
*Cultivar:* Tor *Family:* Rosaceae *Tsnum:* 04050  
*Common Name:* Birch-leaf Spiraea  
*Source:* Greenleaf Nursery Co. *Quantity observed:* 2 *Location:* D2

*Observation Date of Plant:* 10/8/2015  
*Plant Habit:* Round becoming broad oval  
*Plant Height:* 3-4 ft.  
*Plant Width:* 4-6 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* Unimportant  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes

*Comments on plant:* Planted in arboretum in 2005. Attractive round growth habit and dense canopy.  
One of two plants has chlorosis on 15% of canopy along with some dieback from  
unknown cause.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:*  
*Aesthetics:*  
*Fall Color:*

*Date of observation:*  
*Persistence:*

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---

**Scientific Name:** Spiraea canescens **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 90018  
**Common Name:** Hoary Spirea  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 5-6 ft.

**Plant Width:** 8-12 ft

**Current Seasons Growth:** 18-30 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated two plants in February of 2007.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/25/2005

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** bright yellow, orange to burnt red



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**Scientific Name:** Spiraea fritschiana **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 99032  
**Common Name:** Korean Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D2

**Observation Date of Plant:** 9/15/2015

**Plant Habit:** Broad oval

**Plant Height:** 3-4.5 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium or light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Almost all stems have chlorosis.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow, some red

**Date of observation:** 10/21/2005

**Persistence:** 1-2 weeks



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**Scientific Name:** Spiraea japonica **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 80350  
**Common Name:** Japanese Spirea  
**Source:** US Nat'l Arboretum **Quantity observed:** 1 **Location:** E2

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 3 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** Chlorotic and thin canopy from unknown cause.

**Observation Date of Flowers:** 6/23/2006  
**Flower Color:** Lavender  
**Flower Type:** Cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 40-60%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Flowers appear to have less vibrant color. Plant is weak and chlorotic.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Spiraea japonica **Variety:**  
**Cultivar:** Crispa **Family:** Rosaceae **Tsnum:** 85101  
**Common Name:** Crispa Japanese Spirea  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** E1

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Broad oval, round  
**Plant Height:** 2-3 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Moderate chlorosis affects all three plants. Leaf margin is fine toothed and adds interest. Rejuvenated in February of 2007.

**Observation Date of Flowers:** 7/8/2003  
**Flower Color:** Lavender  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 51-75%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Spiraea japonica **Variety:**  
**Cultivar:** Little Princess **Family:** Rosaceae **Tsnum:** 85160  
**Common Name:** Little Princess Japanese Spirea  
**Source:** Timber Creek Nursery **Quantity observed:** 3 **Location:** E2

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 1.5 - 2.5 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is very uniform and compact.

**Observation Date of Flowers:** 6/23/2006

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** light yellow

**Date of observation:** 10/28/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Spiraea japonica **Variety:**  
**Cultivar:** Magic Carpet **Family:** Rosaceae **Tsnum:** 02085  
**Common Name:** Magic Carpet Spiraea  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** E2

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 2 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Lime green with red tips on new growth

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, fall color

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. Nice compact growth habit. Red tips on new growth is stunning - especially in Spring.

**Observation Date of Flowers:** 6/23/2006

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** dark red

**Date of observation:** 11/1/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Spiraea japonica **Variety:**  
**Cultivar:** Sparkling Carpet **Family:** Rosaceae **Tsnum:** 13032  
**Common Name:** Sparkling Carpet Spirea  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Mounding

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. One of two plants didn't survive sudden severe freeze November 2014 and second has very low vigor and 50% dieback.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Spiraea media **Variety:**  
**Cultivar:** Darsnorm **Family:** Rosaceae **Tsnum:** 06066  
**Common Name:** Snow Storm Spiraea  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** D2

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Round to broad oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 5-7 ft.  
**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium green with a little bronzing  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in arboretum in 2006.

**Observation Date of Flowers:**  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Fair  
**% of Flower Coverage:** 20-30%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Flowering may increase with maturity. Flowering date lost due to software problem.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Spiraea miyabei **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 96072  
**Common Name:** Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D2, E1

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round

**Plant Height:** 3-5 ft.

**Plant Width:** 4-7 ft.

**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in February of 2007.

**Observation Date of Flowers:** 6/13/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 30-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Very large clusters but few of them.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** yellow, red

**Date of observation:** 10/25/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Spiraea nipponica **Variety:** tosaensis  
**Cultivar:** Cheyenne Snowmound **Family:** Rosaceae **Tsnum:** 12112  
**Common Name:** Cheyenne Snowmound Spirea  
**Source:** Garden & Home Show Extra **Quantity observed:** 3 **Location:** D2, E1

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 3-5 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013 and another in 2016.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Spiraea nipponica **Variety:** -0-  
**Cultivar:** Halwards Silver **Family:** Rosaceae **Tsnum:** 88158  
**Common Name:** Halwards Silver Nippon Spirea  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 3 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 3-5 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated two of three plants in February of 2007.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 11/1/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Spiraea nipponica **Variety:** -0-  
**Cultivar:** Snow Mound **Family:** Rosaceae **Tsnum:** 82126  
**Common Name:** Snowmound Nippon Spirea  
**Source:** Mount Arbor Nursery **Quantity observed:** 3 **Location:** D2, D3

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round

**Plant Height:** 5-6 ft.

**Plant Width:** 6 - 9 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Vigor is low on all three from unknown cause and one in more shade is 75% dead.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Spiraea trilobata **Variety:** -0-  
**Cultivar:** Fairy Queen **Family:** Rosaceae **Tsnum:** 93106  
**Common Name:** Fairy Queen White Spirea  
**Source:** Zelenka Nursery **Quantity observed:** 2 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is uniform and attractive. Rejuvenated in February of 2007. Health would be better if not crowded by neighboring plants.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 85-95%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Yellow, red, orange

**Date of observation:** 11/1/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Spiraea trilobata **Variety:** -0-  
**Cultivar:** Swan Lake **Family:** Rosaceae **Tsnum:** 86151  
**Common Name:** Swan Lake Dwarf Spirea  
**Source:** Synnestvedt Nursery **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 6/25/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 75-85%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Spiraea x **Variety:** -0-  
**Cultivar:** Snowwhite **Family:** Rosaceae **Tsnum:** 92002  
**Common Name:** Improved Snowwhite spirea  
**Source:** Sjulín Nurseries **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Arching, broad oval

**Plant Height:** 5-7 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in February of 2007.

**Observation Date of Flowers:** 6/1/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 75-85%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Spiraea x  
**Cultivar:** Wilsonii  
**Common Name:** Wilson Spirea  
**Source:** USDA/NC-7

**Family:** Rosaceae

**Variety:** -0-  
**Tsnum:** 78118

**Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Broad oval, round  
**Plant Height:** 5-7 ft.  
**Plant Width:** 7-10 ft  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in February of 2007.

**Observation Date of Flowers:** 6/25/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 60-70%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Spiraea x bumalda **Variety:**  
**Cultivar:** Denistar **Family:** Rosaceae **Tsnum:** 10114  
**Common Name:** Superstar Dwarf Spirea  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 2 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 3-4 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2012. Tips are chlorotic.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Spiraea x bumalda **Variety:** -0-  
**Cultivar:** Gold Flame **Family:** Rosaceae **Tsnum:** 82125  
**Common Name:** Gold Flame Bumald Spirea  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** E2

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval or irregular

**Plant Height:** 2.5 - 3 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Yellow

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Less compact than Spiraea 'Gold Mound'. In decline and looks very bad.

**Observation Date of Flowers:** 6/25/2003

**Flower Color:** Dark Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/9/2003

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** light yellow to burnt/dark red



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**Scientific Name:** Spiraea x bumalda **Variety:** -0-  
**Cultivar:** Gold Mound **Family:** Rosaceae **Tsnum:** 86159  
**Common Name:** Gold Mound Spirea  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** E2

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 2-3.5 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Yellow/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Much better than S. 'Gold Flame' in terms of vigor and growth habit. Growth habit is compact and uniform.

**Observation Date of Flowers:** 6/25/2003

**Flower Color:** Light Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 76-100%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 11/1/2005

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** light yellow to dark orange/red.

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**Scientific Name:** Spiraea x bumalda **Variety:** -0-  
**Cultivar:** Gumball **Family:** Rosaceae **Tsnum:** 85151  
**Common Name:** Gumball Bumald Spirea  
**Source:** Synnestvedt Nursery **Quantity observed:** 2 **Location:** E1, D1

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Upright

**Plant Height:** 1-3 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 3-4 in.

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit was very uniform in the past. Rejuvenated in February 2007. Look much better than last evaluation.

**Observation Date of Flowers:** 6/25/2003

**Flower Color:** Light Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 11/1/2005

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Yellow, some red/orange

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---

**Scientific Name:** Spiraea x bumalda **Variety:** -0-  
**Cultivar:** Hallward Silver **Family:** Rosaceae **Tsnum:** 82104  
**Common Name:** Hallward Silver Bumald Spirea  
**Source:** Cross Nurseries Inc. **Quantity observed:** 3 **Location:** E2

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 3-5 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is uniform and controlled - very attractive. Dense canopy.

**Observation Date of Flowers:** 6/25/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 76-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 10/28/2005

**Persistence:** 1-2 weeks

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**Scientific Name:** Spiraea x cinerea **Variety:**  
**Cultivar:** Grefsheim **Family:** Rosaceae **Tsnum:** 98046  
**Common Name:** Grefsheim Spirea  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D2

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 4-6 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium blue/green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in February of 2007.

**Observation Date of Flowers:** 4/20/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 90-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 11/1/2005  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** golden yellow

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*Scientific Name:* Spiraea x vanhouttei *Variety:* -0-  
*Cultivar:* Nana *Family:* Rosaceae *Tsnum:* 78210  
*Common Name:* Compact Vanhoutte Spirea  
*Source:* USDA/NC-7 *Quantity observed:* 1 *Location:* D2

*Observation Date of Plant:* 10/8/2015

*Plant Habit:* Round to broad oval

*Plant Height:* 3-4 ft.

*Plant Width:* 4-6 ft

*Current Seasons Growth:* 4-8 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Fine

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Hedge, specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Unimportant

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Growth habit is very compact and controlled.

*Observation Date of Flowers:* 6/1/2006

*Flower Color:* White

*Flower Type:* Cluster

*Flower Effect:* Excellent

*% of Flower Coverage:* 80-90%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Spirea x media **Variety:**  
**Cultivar:** Darsnorm **Family:** Rosaceae **Tsnum:** 05094  
**Common Name:** Snow Storm Spirea  
**Source:** Proven Winners **Quantity observed:** 2 **Location:** E2

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 5-7 ft  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Staphylea bumalda **Variety:** -0-  
**Cultivar:** -0- **Family:** Staphyleaceae **Tsnum:** 93122  
**Common Name:** Bladdernut  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** E5

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright, irregular

**Plant Height:** 5-7 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** fair to poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor to fair

**Fruit Present:** Almost none

**Fruit Color:** Light green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** May require a very moist site. Canker killed 1/3 of canopy this summer. Also has moderate chlorosis on 20% of canopy.

**Observation Date of Flowers:** 4/24/2012

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-95%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Symphoricarpos chenaultii **Variety:**  
**Cultivar:** Blade of Sun **Family:** Caprifoliaceae **Tsnum:** 09059  
**Common Name:** Blade of Sun Chenault Coralberry  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** D8

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Spreading

**Plant Height:** 8-12 in.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 12-24 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, ground cover

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted 2009.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Symphoricarpos dorenbossi    **Variety:**  
**Cultivar:** Komcan    **Family:** Caprifoliaceae    **Tsnum:** 13033  
**Common Name:** Candy Coralberry  
**Source:** Bailey Nurseries    **Quantity observed:** 2    **Location:** D7

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount, showy

**Fruit Color:** Pink

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Symphoricarpos x doorenbosii      **Variety:**  
**Cultivar:** 'Kordes'      **Family:** Caprifoliaceae      **Tsnum:** 05108  
**Common Name:** Amethyst™ Coral Berry  
**Source:** Proven Winners      **Quantity observed:** 2      **Location:** D8, E8

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Broad oval

**Plant Height:** 3-5 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 12-24 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount, very showy

**Fruit Color:** Pink

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2007. Fruit is exceptionally attractive. May have more fruit if located in more sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**





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**Scientific Name:** Syringa **Variety:**  
**Cultivar:** Bailbelle **Family:** Oleaceae **Tsnum:** 03127  
**Common Name:** Tinkerbelle Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C11

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 7-10 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 10-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Plant would look better and grow wider if it wasn't crowded by nearby plants.

**Observation Date of Flowers:** 5/16/2006

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 75-85%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers are very tiny and delicate but still very showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Syringa **Variety:**  
**Cultivar:** Baillina **Family:** Oleaceae **Tsnum:** 08057  
**Common Name:** Thumbelina Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 4-6 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2010. Has low vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Syringa **Variety:**  
**Cultivar:** Prince Charming **Family:** Oleaceae **Tsnum:** 03032  
**Common Name:** Prince Charming Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round

**Plant Height:** 5-7 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2003. Was getting crowded by nearby plants but has more room now since 2010.

**Observation Date of Flowers:** 5/18/2006

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-70%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers are very tiny and delicate but still very showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Syringa oblata **Variety:**  
**Cultivar:** Cheyenne **Family:** Oleaceae **Tsnum:** 94060  
**Common Name:** Cheyenne Lilac  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Broad oval

**Plant Height:** 8-10 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 5/2/2006

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Thinner, more delicate in appearance.

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/6/2008

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Mostly dark red and yellow but also som



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**Scientific Name:** Syringa pekinensis **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 81111  
**Common Name:** Peking Lilac  
**Source:** Valley Nursery **Quantity observed:** 3 **Location:** C10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 25-35 ft.  
**Plant Width:** 30-40 ft  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** This is a good looking small tree with very attractive bark for winter interest.

**Observation Date of Flowers:** 6/2/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Syringa pekinensis **Variety:**  
**Cultivar:** Morton **Family:** Oleaceae **Tsnum:** 08051  
**Common Name:** China Snow Pekin Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C11

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 9-14 ft  
**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Excellent  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2010. Growth habit is a little leggy due to vigorous growth.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Syringa pekinensis **Variety:**  
**Cultivar:** SunDak **Family:** Oleaceae **Tsnum:** 08052  
**Common Name:** Copper Curls Pekin Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C9

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 7-9 ft.  
**Plant Width:** 5-7 ft  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Bark appears to be more exfoliating than the species and more attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Syringa reflexa x villosa      **Variety:** -0-  
**Cultivar:** James MacFarlane      **Family:** Oleaceae      **Tsnum:** 86105  
**Common Name:** James MacFarlane Lilac  
**Source:** Jewell Nursery, Inc.      **Quantity observed:** 2      **Location:** D10, C10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 6 - 9 ft.  
**Plant Width:** 6 - 10 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Abundant fruit, unimportant  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Would probably look better in full sun.

**Observation Date of Flowers:** 5/26/2006  
**Flower Color:** Pink  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 40-50%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Long throat on flowers creates a more full or bushy appearance even before the flowers are fully open. Very unique and showy.

**Fall Color or Fruit:**      **Date of observation:**  
**Aesthetics:**      **Persistence:**  
**Fall Color:**

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**Scientific Name:** Syringa reticulata **Variety:**  
**Cultivar:** Bailnce **Family:** Oleaceae **Tsnum:** 10029  
**Common Name:** First Editions Snowdance Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C11

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 8-20 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Yes  
**Comments on plant:** Planted in 2011. One of two trees has very vigorous growth in 2016.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Syringa reticulata **Variety:**  
**Cultivar:** Golden Eclipse **Family:** Oleaceae **Tsnum:** 10028  
**Common Name:** Golden Eclipse Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-13 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green with varegated edges  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Few, unimportant  
**Fruit Color:** Green turning to tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Syringa reticulata **Variety:**  
**Cultivar:** Golden Eclipse **Family:** Oleaceae **Tsnum:** 08053  
**Common Name:** Golden Eclipse Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 8-12 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Green turning to tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Syringa reticulata **Variety:** -0-  
**Cultivar:** Ivory Silk **Family:** Oleaceae **Tsnum:** 89166  
**Common Name:** Ivory Silk Japanese Lilac  
**Source:** Schichtel's Nursery **Quantity observed:** 3 **Location:** D9, D10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 12-18 ft.  
**Plant Width:** 12-18 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Green turning to tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** One of three trees has an old canker wound - tree is smaller and wound is slowly closing.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/6/2008  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** Pale yellow



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**Scientific Name:** Syringa reticulata **Variety:** -0-  
**Cultivar:** Japonica **Family:** Oleaceae **Tsnum:** 77011  
**Common Name:** Japanese Tree Lilac  
**Source:** Unknown **Quantity observed:** 4 **Location:** C10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 12-18 ft.  
**Plant Width:** 12-18 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, small/confined areas

**Overall Plant Health:** Good  
**Fruit Present:** Abundant  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 6/9/2006  
**Flower Color:** White  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 40-60%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/10/2004  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** Light yellow

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**Scientific Name:** Syringa reticulata **Variety:**  
**Cultivar:** Summer Snow **Family:** Oleaceae **Tsnum:** 98077  
**Common Name:** Summer Snow Tree Lilac  
**Source:** Schichtel's Nursery **Quantity observed:** 3 **Location:** C9, D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 12-18 ft.

**Plant Width:** 12-17 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Good

**Fruit Present:** Abundant amount of fruit

**Fruit Color:** Green turns to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two plants has prolific suckers and less vigor. May be under stress from crowding from nearby plants. Second tree moved Fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:** 6/7/2011

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-65%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Light yellow

**Date of observation:** 10/21/2003

**Persistence:** 1-2 weeks

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*Scientific Name:* Syringa reticulata *Variety:*  
*Cultivar:* Willamette *Family:* Oleaceae *Tsnum:* 01018  
*Common Name:* Ivory Pillar Tree Lilac  
*Source:* Carlton Plants *Quantity observed:* 1 *Location:* C10

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 10-15 ft.  
*Plant Width:* 6-8 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Important  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, small/confined areas

*Overall Plant Health:* Good  
*Fruit Present:* Abundant  
*Fruit Color:* Tan  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:* Slight suckering  
*Recommended:* Yes  
*Comments on plant:* Planted in arboretum in 2005.

*Observation Date of Flowers:* 6/2/2006  
*Flower Color:* White  
*Flower Type:* Cluster  
*Flower Effect:* Fair  
*% of Flower Coverage:* 25-40%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:* Should have more flowers as it becomes further established - planted in arboretum in 2005.

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Syringa rothomagensis **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 85179  
**Common Name:** Chinese Lilac  
**Source:** Country Lane Wholesale Nur **Quantity observed:** 2 **Location:** D11, D10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Round to broad oval  
**Plant Height:** 5-6 ft.  
**Plant Width:** 8-10 ft  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2014 and coming back strong.

**Observation Date of Flowers:** 4/24/2012

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Many flowers despite weak plant vigor.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Syringa velutina *Variety:* -0-  
*Cultivar:* Dr. Meyer *Family:* Oleaceae *Tsnum:* 76030  
*Common Name:* Dr. Meyer Lilac  
*Source:* Unknown *Quantity observed:* 3 *Location:* C11

*Observation Date of Plant:* 9/20/2016

*Plant Habit:* Round

*Plant Height:* 8-10 ft.

*Plant Width:* 10-15 ft.

*Current Seasons Growth:* 8-14 in

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, xeriscape, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Few fruit, unimportant

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Rejuvenated in 2003. Best fall color of any Syringa.

*Observation Date of Flowers:* 4/17/2012

*Flower Color:* Light lavender

*Flower Type:* Cluster

*Flower Effect:* Good to excellent

*% of Flower Coverage:* 80-95%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Syringa villosa x reflexa **Variety:** -0-  
**Cultivar:** Redwine **Family:** Oleaceae **Tsnum:** 88124  
**Common Name:** Redwine Preston Lilac  
**Source:** Timber Creek Nursery **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Round  
**Plant Height:** 7-9 ft.  
**Plant Width:** 8-12 ft  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Abundant fruit  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Best growth habit of any Syringa in the arboretum - always uniform and round.

**Observation Date of Flowers:** 6/1/2006  
**Flower Color:** Lavender  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 76-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/23/2004  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** yellow, light yellow

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*Scientific Name:* Syringa vulgaris *Variety:* -0-  
*Cultivar:* -0- *Family:* Oleaceae *Tsnum:* 80296  
*Common Name:* Common Lilac  
*Source:* OE White Research Arboretu *Quantity observed:* 1 *Location:* D11

*Observation Date of Plant:* 9/20/2016

*Plant Habit:* Upright oval

*Plant Height:* 8-12 ft.

*Plant Width:* 7-10 ft

*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Unimportant

*Fruit Color:* Brown

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Plant was thinned in 2005. Looks significantly better than the past few years.

*Observation Date of Flowers:* 4/24/2012

*Flower Color:* Lavender

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 50-65%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Syringa vulgaris **Variety:**  
**Cultivar:** Adelaide Dunbar **Family:** Oleaceae **Tsnum:** 00051  
**Common Name:** Adelaide Dunbar Lilac  
**Source:** Synnestvedt Nursery **Quantity observed:** 1 **Location:** D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 7-9 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 5-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:** Scale

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in arboretum in 2005.

**Observation Date of Flowers:** 4/24/2012

**Flower Color:** Dark purple with shades of pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 45-55%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Would probably look better in a site with better irrigation.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Purple/bonze

**Date of observation:** 10/28/2008

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Syringa vulgaris **Variety:**  
**Cultivar:** Albert F. Holden **Family:** Oleaceae **Tsnum:** 08058  
**Common Name:** Albert F. Holden Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D12

**Observation Date of Plant:** 10/1/2016

**Plant Habit:** Round

**Plant Height:** 5-7 ft.

**Plant Width:** 4-8 ft.

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Poor to fair

**Fruit Present:** unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Kept in container too long.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Slow to establish. One of two is near death.

**Observation Date of Flowers:** 4/25/2012

**Flower Color:** Dark lavender

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 40.00%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Starting second year in arboretum.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Syringa vulgaris **Variety:** -0-  
**Cultivar:** Charles **Family:** Oleaceae **Tsnum:** 88047  
**Common Name:** Charles Common Lilac  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** C11

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Irregular or somewhat round  
**Plant Height:** 6-9 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 4/18/2012  
**Flower Color:** Dark Purple  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 75-85%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Very showy this year.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

*Scientific Name:* Syringa vulgaris      *Variety:*  
*Cultivar:* Dappled Dawn      *Family:* Oleaceae      *Tsnum:* 08059  
*Common Name:* Dappled Dawn Lilac  
*Source:* Bailey Nurseries      *Quantity observed:* 1      *Location:* C12

*Observation Date of Plant:* 9/20/2016

*Plant Habit:* Upright oval

*Plant Height:* 4-5 ft.

*Plant Width:* 3-4 ft.

*Current Seasons Growth:* 2-6 in.

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Poor

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Poor

*Fruit Present:* Unimportant

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:* Was in lathhouse too long and developed leggy growth habit and will take time t

*Nuisances:*

*Recommended:* No

*Comments on plant:* Planted in 2011. Looks to be in decline.

*Observation Date of Flowers:* 4/18/2012

*Flower Color:* Light lavender

*Flower Type:* Cluster

*Flower Effect:* Fair to good

*% of Flower Coverage:* 40.00%

*Bloom Stage:* Flowers open

*Comments on Flowers:* Only in arboretum one full season so should get more flowers as it gains size.

*Fall Color or Fruit:*

*Date of observation:*

*Aesthetics:*

*Persistence:*

*Fall Color:*

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---

**Scientific Name:** Syringa vulgaris      **Variety:** -0-  
**Cultivar:** Ludwig      **Family:** Oleaceae      **Tsnum:** 88048  
**Common Name:** Ludwig Common Lilac  
**Source:** Forrest Keeling Nursery      **Quantity observed:** 1      **Location:** D11

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Broad oval to round  
**Plant Height:** 8-12 ft.  
**Plant Width:** 12-18 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Few fruit  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:** 4/24/2012  
**Flower Color:** Lavender with a shade of pink  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 50-70%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**  
**Date of observation:**  
**Persistence:**

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---

*Scientific Name:* Syringa vulgaris *Variety:* -0-  
*Cultivar:* PMK 1301 *Family:* Oleaceae *Tsnum:* 78025  
*Common Name:* PMK 1301 Common Lilac  
*Source:* Forrest Keeling Nursery *Quantity observed:* 1 *Location:* C11

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Broad oval to round  
*Plant Height:* 4-5 ft.  
*Plant Width:* 8 ft.  
*Current Seasons Growth:* 12-18 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* unimportant  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Rejuvenated in 2014 and coming back with a lot of vigor.

*Observation Date of Flowers:* 5/11/2006

*Flower Color:* Light lavender

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 60-80%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

**Scientific Name:** Syringa vulgaris **Variety:** -0-  
**Cultivar:** President Lincoln **Family:** Oleaceae **Tsnum:** 78121  
**Common Name:** President Lincoln Common Lilac  
**Source:** USDA/NC-7 **Quantity observed:** 1 **Location:** C10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 8-12 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look better if not crowded by nearby plants.

**Observation Date of Flowers:** 4/24/2012

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Fair to good

**% of Flower Coverage:** 30-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Parts of plant in full sun are blooming very well - needs space.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

*Scientific Name:* Syringa vulgaris *Variety:*  
*Cultivar:* Sensation *Family:* Oleaceae *Tsnum:* 09009  
*Common Name:* Sensation Lilac  
*Source:* Monrovia Growers *Quantity observed:* 1 *Location:* D11

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 5-6 ft.  
*Plant Width:* 4-6 ft.  
*Current Seasons Growth:* 12-24 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border, xeriscape

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2013.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Syringa vulgaris **Variety:**  
**Cultivar:** Yankee Doodle **Family:** Oleaceae **Tsnum:** 09054  
**Common Name:** Yankee Doodle French Hybrid Lilac  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 3-5 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border, xeriscape

**Overall Plant Health:** Fair

**Fruit Present:** Few, unimportant

**Fruit Color:** brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Still lacks vigor.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Syringa wolfii **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 86072  
**Common Name:** Lilac  
**Source:** Washington Park Arboretum **Quantity observed:** 2 **Location:** C10, C11

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 6 - 8 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:** Tan  
**Insect Pests:**

**Pest Severity:**  
**Plant Disease:**

**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two plants is crowded by nearby plants and only looks fair. Second plant has a nice, compact and uniform growth habit.

**Observation Date of Flowers:** 5/26/2006  
**Flower Color:** Light Lavender flowers, purple buds  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 70-85%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Tiny flowers with delicate appearance - very showy.

**Fall Color or Fruit:** Fall color **Date of observation:** 9/23/2004  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** purple, dark red

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---

**Scientific Name:** Syringa x  
**Cultivar:** Agnes Smith                      **Family:** Oleaceae                      **Variety:**  
**Common Name:** Agnes Smith Lilac                      **Tsnum:** 94111  
**Source:** Bailey Nurseries                      **Quantity observed:** 2    **Location:** C11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round

**Plant Height:** 7-9 ft.

**Plant Width:** 8-11 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Abundant fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has a nice dense, uniform growth habit.

**Observation Date of Flowers:** 5/26/2006

**Flower Color:** White with a hint of pink as a bud.

**Flower Type:** Cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 75-85%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Syringa x  
**Cultivar:** Alphonse Lavelle      **Family:** Oleaceae      **Variety:** -0-  
**Common Name:** Alphonse Lavelle Lilac      **Tsnum:** 87185  
**Source:** Mount Arbor Nursery      **Quantity observed:** 2      **Location:** D10

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round

**Plant Height:** 3 ft.

**Plant Width:** 5-6 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2013 and seems to be growing back strong.

**Observation Date of Flowers:** 4/24/2012

**Flower Color:** Light lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Syringa x chinensis **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 85182  
**Common Name:** Chinese Lilac  
**Source:** Sherman Nursery **Quantity observed:** 2 **Location:** D10

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Round to broad oval  
**Plant Height:** 8-10 ft.  
**Plant Width:** 8-10 ft  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Two plants rejuvenated in 2010. Both would probably look better with more sunlight.

**Observation Date of Flowers:** 4/24/2012

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 20-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Needs full sun and this plant is crowded by neighboring plants.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/28/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Syringa x chinensis **Variety:**  
**Cultivar:** Lilac Sunday **Family:** Oleaceae **Tsnum:** 08060  
**Common Name:** Lilac Sunday Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Broad oval

**Plant Height:** 4-5 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2010.

**Observation Date of Flowers:** 4/19/2012

**Flower Color:** Lavender

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Syringa x chinensis **Variety:** -0-  
**Cultivar:** Perier **Family:** Oleaceae **Tsnum:** 87183  
**Common Name:** Perier Chinese Lilac  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** D10

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 9-13 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2014 and has good vigor.

**Observation Date of Flowers:** 5/9/2006

**Flower Color:** Light lavender

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 30-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**







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**Scientific Name:** Syringa x hyacinthiflora      **Variety:**  
**Cultivar:** Pocahontas      **Family:** Oleaceae      **Tsnum:** 16107  
**Common Name:** Pocahontas Lilac  
**Source:** Garden and Home Show      **Quantity observed:** 1      **Location:** D11

**Observation Date of Plant:** 10/1/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016 - unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Syringa x persica *Variety:*  
*Cultivar:* *Family:* Oleaceae *Tsnum:* 08127  
*Common Name:* Persian Lilac  
*Source:* Greenleaf Nursery Co. *Quantity observed:* 1 *Location:* D11

*Observation Date of Plant:* 9/20/2016  
*Plant Habit:* Upright oval  
*Plant Height:* 4-6 ft.  
*Plant Width:* 2-4 ft.  
*Current Seasons Growth:* 24-36 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, xeriscape, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2013. New growth is a little leggy.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Syringa x prestoniae  
**Cultivar:** Donald Wyman      **Family:** Oleaceae  
**Common Name:** Donald Wyman Lilac  
**Source:** Bailey Nurseries      **Quantity observed:** 1      **Location:** D12

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Round to upright oval  
**Plant Height:** 5-7 ft.  
**Plant Width:** 5-7 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2010.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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**Scientific Name:** Syringa x prestoniae **Variety:**  
**Cultivar:** James Macfarlane **Family:** Oleaceae **Tsnum:** 08064  
**Common Name:** James Macfarlane Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D11

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval to round

**Plant Height:** 4-5 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2014.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Taxodium distichum **Variety:**  
**Cultivar:** Cascade Falls **Family:** Cupressaceae **Tsnum:** 13073  
**Common Name:** Cascade Falls Bald Cypress  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** F10

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Weeping

**Plant Height:** 5-6 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2013. Had about 20% dieback first winter and didn't have much vigor ever. Seems to be in decline.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Taxodium distichum **Variety:**  
**Cultivar:** JFS-SGPN **Family:** Cupressaceae **Tsnum:** 11019  
**Common Name:** Green Whisper Bald Cypress  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** E10, F10

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Pyramidal

**Plant Height:** 6-8 ft.

**Plant Width:** 3-6 ft.

**Current Seasons Growth:** 2-8 in.

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor to fair

**Landscape Uses:** Specimen

**Overall Plant Health:** Poor to fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted late 2013. One of two trees has a lot of tip dieback with low vigor and second looks okay but not too vigorous.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Taxus cuspidata **Variety:** -0-  
**Cultivar:** -0- **Family:** Taxaceae **Tsnum:** 87108  
**Common Name:** Japanese Yew  
**Source:** Zelenka Nursery **Quantity observed:** 2 **Location:** C4, C3

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Broad oval  
**Plant Height:** 7-10 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Taxus cuspidata **Variety:** -0-  
**Cultivar:** Capitata **Family:** Taxaceae **Tsnum:** 88121  
**Common Name:** Pyramidal Japanese Yew  
**Source:** Timber Creek Nursery **Quantity observed:** 2 **Location:** D3, C3

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval to pyramidal  
**Plant Height:** 8 - 14 ft.  
**Plant Width:** 8-14 ft  
**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good  
**Fruit Present:** Few fruit  
**Fruit Color:** Red/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two plants has canker on main stem causing 25% dieback.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Taxus x media **Variety:** -0-  
**Cultivar:** Dark Green Spreader **Family:** Taxaceae **Tsnum:** 87109  
**Common Name:** Dark Green Spreader Yew  
**Source:** Zelenka Nursery **Quantity observed:** 2 **Location:** C3, D3

**Observation Date of Plant:** 10/2/2015  
**Plant Habit:** Irregular  
**Plant Height:** 4- 6.5 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Needs pruning for most landscapes otherwise it looks leggy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** -0- **Family:** Cupressaceae **Tsnum:** 78122  
**Common Name:** Eastern Arborvitae  
**Source:** Unknown **Quantity observed:** 3 **Location:** D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Columnar  
**Plant Height:** 18-25 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, screen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal

**Comments on plant:** Deformed by snow load spring of 2003 but look reasonable in 2015. Seems to have a lot of browning foliage from unknown cause and lower branches seem to be getting shaded out.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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**Scientific Name:** Thuja occidentalis **Variety:**  
**Cultivar:** BailJohn **Family:** Cupressaceae **Tsnum:** 08047  
**Common Name:** Technito Arborvitae  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D3, D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 5-8 ft.  
**Plant Width:** 5-6 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Blue green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. One was damaged by snow load in November 2009 but looks fairly normal now. Has a unique foliage color.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Thuja occidentalis **Variety:**  
**Cultivar:** Bobzam **Family:** Cupressaceae **Tsnum:** 15111  
**Common Name:** Mr. Bowling Ball® Arborvitae  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:**

**Observation Date of Plant:** 9/20/2015

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2015 - too soon to evaluate in 2015 but will be on rotating schedule for 2017.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Thuja occidentalis **Variety:**  
**Cultivar:** Brandon **Family:** Cupressaceae **Tsnum:** 08031  
**Common Name:** Brandon's Arborvitae  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Columnar  
**Plant Height:** 6-8 ft.  
**Plant Width:** 2.5-3.5 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2009. Deformed some by snow load in November 2009 and again on October 25, 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Thuja occidentalis **Variety:**  
**Cultivar:** Congabe **Family:** Cupressaceae **Tsnum:** 07014  
**Common Name:** Fire Chief Eastern Arborvitae  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** S1

**Observation Date of Plant:** 6/1/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 2-3 ft  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Shade of orange/red on medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Planted in 2008 as a small plant (4" pot) and gaining size. Appears cold hardy with an unusual foliage color which should stand out more in the landscape as the plant gains size.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Emerald Green **Family:** Cupressaceae **Tsnum:** 83005  
**Common Name:** Emerald Green Eastern Arborvitae  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** D4

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Columnar

**Plant Height:** 18-24 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Hetzii Midget **Family:** Cupressaceae **Tsnum:** 81209  
**Common Name:** Hetz Midget Eastern Arborvitae  
**Source:** Hines Nursery **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round to upright oval

**Plant Height:** 5-6 ft.

**Plant Width:** 5-8 ft.

**Current Seasons Growth:** 3 - 5 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has very compact, dense growth.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Little Champ **Family:** Cupressaceae **Tsnum:** 91128  
**Common Name:** Little Champ GLOBE Arborvitae  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** D4

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Round

**Plant Height:** 8-10 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Hedge, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Pendulous branch tips are attractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Little Giant **Family:** Cupressaceae **Tsnum:** 87162  
**Common Name:** Little Giant Eastern Arborvitae  
**Source:** Oregon Garden Products **Quantity observed:** 1 **Location:** E4

**Observation Date of Plant:** 10/9/2015

**Plant Habit:** Broad oval

**Plant Height:** 2 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 2-5 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nearby plants are crowding it and affecting the growth habit making it more broad and less upright otherwise it would rate good for aesthetics.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Nigra **Family:** Cupressaceae **Tsnum:** 80062  
**Common Name:** Dark Green Eastern Arborvitae  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 18-25 ft.  
**Plant Width:** 15 -20 ft  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Growth habit is a little more open.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Thuja occidentalis **Variety:**  
**Cultivar:** Smaragd **Family:** Cupressaceae **Tsnum:** 12077  
**Common Name:** Emerald Green Arborvitae  
**Source:** Dr. Klett **Quantity observed:** 1 **Location:**

**Observation Date of Plant:** 10/1/2016

**Plant Habit:** Columnar

**Plant Height:** 5-6 ft.

**Plant Width:** 1-3 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Moved in fall of 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Smaragd **Family:** Cupressaceae **Tsnum:** 81208  
**Common Name:** Smaragd Eastern Arborvitae  
**Source:** Hines Nursery **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Columnar  
**Plant Height:** 15-20 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, screen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Some branches deformed by snow but not severe.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Thuja occidentalis **Variety:**  
**Cultivar:** Starkies Gold **Family:** Cupressaceae **Tsnum:** 09060  
**Common Name:** Starkies Gold Arborvitae  
**Source:** The Conard Pyle Co. - doesn' **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 2 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No

**Comments on plant:** Planted in 2012. Canopy is very thin and lacks vigor from unknown cause.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Sunkist **Family:** Cupressaceae **Tsnum:** 90074  
**Common Name:** Sunkist Arborvitae  
**Source:** Oregon Garden Products **Quantity observed:** 2 **Location:**

**Observation Date of Plant:** 10/1/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-12 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green with yellow shading on edges

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved in fall 2016 due to unavoidable construction.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Woodwardi **Family:** Cupressaceae **Tsnum:** 80065  
**Common Name:** Woodward Eastern Arborvitae  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-10 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Thuja orientalis **Variety:** -0-  
**Cultivar:** -0- **Family:** Cupressaceae **Tsnum:** 88117  
**Common Name:** Oriental Arborvitae  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** E4

**Observation Date of Plant:** 10/9/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 14-20 ft.  
**Plant Width:** 20-25 ft.  
**Current Seasons Growth:** 4 - 8 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Poor  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No

**Comments on plant:** Poor, open growth habit. Weak canopy - thin and not very dense.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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---

**Scientific Name:** Thuja orientalis **Variety:** -0-  
**Cultivar:** Aurea Nana **Family:** Cupressaceae **Tsnum:** 86147  
**Common Name:** Berckman's Golden Arborvitae  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** D4, E4

**Observation Date of Plant:** 10/8/2015

**Plant Habit:** Upright oval

**Plant Height:** 14-18 ft.

**Plant Width:** 7-9 ft.

**Current Seasons Growth:** 5-8 in.

**Foliage Color:** Medium green, bright

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border, screen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Attractive shades of yellow on new growth - appears very vibrant and vigorous.  
One of three trees has moderate damage from snow but rest look good. Some lower branches getting shaded out.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Thuja orientalis **Variety:** -0-  
**Cultivar:** Excelsa **Family:** Cupressaceae **Tsnum:** 86148  
**Common Name:** Upright Green Arborvitae  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** D4, D3, C3

**Observation Date of Plant:** 10/2/2015

**Plant Habit:** Pyramidal

**Plant Height:** 10-15 ft.

**Plant Width:** 8-12 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Vigor would be better if it was in more sun.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Thuja plicata **Variety:** -0-  
**Cultivar:** -0- **Family:** Cupressaceae **Tsnum:** 78123  
**Common Name:** Western Red Cedar  
**Source:** Unknown **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 10/8/2015  
**Plant Habit:** Columnar  
**Plant Height:** 18-24 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border, screen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Badly deformed by snow load during the Spring of 2003 and suffered some more in November 2009. Looks fairly good in 2015 except for a few lumps in growth habit.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Thuja plicata x standishii **Variety:**  
**Cultivar:** MonPin **Family:** Cupressaceae **Tsnum:** 15090  
**Common Name:** Ember Waves Arborvitae  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** E4

**Observation Date of Plant:** 9/20/2015

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2015 - too soon to evaluate in 2015 but will be on rotating schedule for 2017.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Tilia americana **Variety:**  
**Cultivar:** Boulevard **Family:** Tiliaceae **Tsnum:** 94053  
**Common Name:** Boulevard Linden  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** SC6-7,8

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Narrow pyramidal or upright oval  
**Plant Height:** 15-20 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. One of two has a more dominant central leader and is more narrow in habit. Both have low vigor but look good.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Tilia americana **Variety:**  
**Cultivar:** McSentry **Family:** Tiliaceae **Tsnum:** 07055  
**Common Name:** American Sentry Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A5

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 8-12 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Tilia americana **Variety:**  
**Cultivar:** Redmond **Family:** Tiliaceae **Tsnum:** 03118  
**Common Name:** Redmond Linden  
**Source:** Colorado Garden & Home Sh **Quantity observed:** 2 **Location:** SC06-4,5

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Pyramidal

**Plant Height:** 15-20 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2003. Increased vigor is probably due very wet early summer.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Tilia americana **Variety:**  
**Cultivar:** Sentry **Family:** Tiliaceae **Tsnum:** 05010  
**Common Name:** Sentry Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC07-14, A5

**Observation Date of Plant:** 8/16/2016

**Plant Habit:** Pyramidal

**Plant Height:** 8-12 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium to light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Galls

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One was planted in 2009 and vigor is still poor even though it still looks pretty good. Another tree was planted in 2011 and has difficulty in getting established - probably left in lathhouse too long which reduced vigor. Slight

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Tilia americana **Variety:** -0-  
**Cultivar:** Skinner's Fastigiata **Family:** Tiliaceae **Tsnum:** 81109  
**Common Name:** Skinner's Fastigiata American Linden  
**Source:** Valley Nursery **Quantity observed:** 2 **Location:** A5, A6

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Pyramidal to upright oval  
**Plant Height:** 35-45 ft.  
**Plant Width:** 45-45 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Misshapen due to storm damage.

**Recommended:** Yes

**Comments on plant:** Doesn't appear very fastigiata in growth habit. One of two trees is at edge of arboretum and looks fair with some branch dieback probably due to inadequate irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Tilia cordata *Variety:* -0-  
*Cultivar:* #18 *Family:* Tiliaceae *Tsnum:* 85144  
*Common Name:* #18 Littleleaf Linden  
*Source:* Bailey Nurseries *Quantity observed:* 1 *Location:* A4

*Observation Date of Plant:* 9/7/2015  
*Plant Habit:* Pyramidal to upright oval  
*Plant Height:* 50-60 ft.  
*Plant Width:* 40-50 ft.  
*Current Seasons Growth:* 8-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Intermediate importance  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:* Slight suckering  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** -0- **Family:** Tiliaceae **Tsnum:** 81150  
**Common Name:** Littleleaf Linden  
**Source:** American Nursery Product/Mi **Quantity observed:** 1 **Location:** A6

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 50-60 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Has multiple codominant stems. Would probably be wider if not crowded by neighboring trees.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** Chancellor **Family:** Tiliaceae **Tsnum:** 81131  
**Common Name:** Chancellor Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 30-35 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:** Slight suckering  
**Recommended:** Yes  
**Comments on plant:** Very attractive, uniform growth habit and dense canopy.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/21/2003  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** yellow

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**Scientific Name:** Tilia cordata **Variety:**  
**Cultivar:** Corzam **Family:** Tiliaceae **Tsnum:** 94034  
**Common Name:** Corinthian Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC6-9,10

**Observation Date of Plant:** 9/14/2015  
**Plant Habit:** Narrow pyramid but slightly irregular  
**Plant Height:** 12-17 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Residential street

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is less pyramidal than most Tilia cordata - not as uniform. Vigor is a low. They probably need better irrigation system than drip.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** De Groot **Family:** Tiliaceae **Tsnum:** 88103  
**Common Name:** De Groot Littleleaf Linden  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A6

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright oval to pyramidal  
**Plant Height:** 35-45 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has multiple codominant stems. Would probably be wider if not crowded by neighboring trees.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** bright yellow, green

**Date of observation:** 10/21/2003

**Persistence:** 1-2 weeks



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**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** Fairview **Family:** Tiliaceae **Tsnum:** 84143  
**Common Name:** Fairview Littleleaf Linden  
**Source:** A. McGill & Son Nursery **Quantity observed:** 2 **Location:** A4, A5

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 40-50 ft.  
**Plant Width:** 35-45 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Severe suckering one of two trees

**Recommended:** Yes

**Comments on plant:** Trunks on both trees are unusually curved - not straight like most Tilia. Not sure of the cause.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Tilia cordata **Variety:**  
**Cultivar:** Glenleven **Family:** Tiliaceae **Tsnum:** 94035  
**Common Name:** Glenleven Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC6-11,12

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Pyramidal

**Plant Height:** 20-30 ft.

**Plant Width:** 12-18 ft

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Seems to have better vigor than neighboring Tilias.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Dark yellow

**Date of observation:** 9/23/2009

**Persistence:** 1-2 weeks

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**Scientific Name:** Tilia cordata **Variety:**  
**Cultivar:** Globe **Family:** Tiliaceae **Tsnum:** 96136  
**Common Name:** Globe Linden  
**Source:** Schichtel's Nursery **Quantity observed:** 2 **Location:** SC6-14, CFA

**Observation Date of Plant:** 9/15/2015

**Plant Habit:** Round

**Plant Height:** 10-15 ft.

**Plant Width:** 12-18 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, small/confined areas

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:** Green to tan

**Insect Pests:** Galls on foliage

**Pest Severity:** Minor injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One moved in 2003. Both sucker a lot and have adventitious budding along rootstock trunk which requires pruning. Has smaller growth increments and smaller foliage size creating a very compact growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** June Bride **Family:** Tiliaceae **Tsnum:** 83140  
**Common Name:** June Bride Littleleaf Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** B5, A5

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 45-55 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nice growth habit. Very uniform and strong central leader. May be wider if not crowded for space.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Tilia cordata **Variety:**  
**Cultivar:** Olympic **Family:** Tiliaceae **Tsnum:** 94036  
**Common Name:** Olympic Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC6-15,16

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Pyramidal

**Plant Height:** 15 - 20 ft.

**Plant Width:** 10 - 20 ft.

**Current Seasons Growth:** 3-5 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** Abundant

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Moderate suckering on one of two trees.

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Low vigor leading to signs of stress on central leader but most of tree looks fine. Would probably look better in a landscape with normal irrigation instead of drip.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 10/2/2009

**Persistence:** 1-2 weeks

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**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** Prestige **Family:** Tiliaceae **Tsnum:** 87182  
**Common Name:** Prestige Littleleaf Linden  
**Source:** Discover-Tree Research **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 9/7/2015

**Plant Habit:** Pyramidal

**Plant Height:** 40-50 ft.

**Plant Width:** 30-40 ft.

**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Might be wider if not crowded by neighboring plants.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Tilia cordata *Variety:* -0-  
*Cultivar:* Prestige *Family:* Tiliaceae *Tsnum:* 93043  
*Common Name:* Prestige Linden  
*Source:* A. McGill & Son Nursery *Quantity observed:* 1 *Location:* A4

*Observation Date of Plant:* 9/7/2015

*Plant Habit:* Pyramidal

*Plant Height:* 25-35 ft.

*Plant Width:* 25-35 ft

*Current Seasons Growth:* 6-12 in

*Foliage Color:* Medium green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Residential street, specimen

*Overall Plant Health:* Good

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:* Slight suckering

*Recommended:* Yes

*Comments on plant:*

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:* Fall color

*Aesthetics:* Fair

*Fall Color:* yellow

*Date of observation:* 10/21/2003

*Persistence:* 1-2 weeks

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---

**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** Ronald **Family:** Tiliaceae **Tsnum:** 92111  
**Common Name:** Norlin Linden Crabapple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** SC7-15

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 15 - 20 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Galls  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Vigor is low for unknown reason but still looks okay although there are just a few dead tips on less than 5% of canopy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/23/2009  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** yellow, burnt orange



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**Scientific Name:** Tilia cordata **Variety:** -0-  
**Cultivar:** Salem **Family:** Tiliaceae **Tsnum:** 88086  
**Common Name:** Salem Littleleaf Linden  
**Source:** Handy Nursery Co. **Quantity observed:** 3 **Location:** A4, A3

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 28-40 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/16/2003  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** bright yellow

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**Scientific Name:** Tilia cordata **Variety:**  
**Cultivar:** Unique **Family:** Tiliaceae **Tsnum:** 11027  
**Common Name:** Unique Littleleaf Linden  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** B5

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Pyramidal  
**Plant Height:** 6-8 ft.  
**Plant Width:** 6-7 ft.  
**Current Seasons Growth:** 6-12 in

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, residential street

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2012.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Tilia cordata **Variety:**  
**Cultivar:** Unizam **Family:** Tiliaceae **Tsnum:** 08018  
**Common Name:** Unique Linden  
**Source:** Femrite Nursery Company **Quantity observed:** 2 **Location:** B5, SC06-13

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval

**Plant Height:** 10-14 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009. No suckers. Looks very uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Tilia herterophylla **Variety:**  
**Cultivar:** Contintental Appeal **Family:** Tiliaceae **Tsnum:** 00040  
**Common Name:** Continental Appeal Linden  
**Source:** A. McGill & Son Nursery **Quantity observed:** 1 **Location:** SC5-15

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Severe suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2003. Foliage is relatively large. Growth habit is not as uniform as other Tilia.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** yellow

**Date of observation:** 9/23/2004

**Persistence:** 2-4 weeks

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**Scientific Name:** Tilia heterophylla **Variety:**  
**Cultivar:** Continental Appeal **Family:** Tiliaceae **Tsnum:** 07056  
**Common Name:** Continental Appeal Beetree Linden  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A6

**Observation Date of Plant:** 9/8/2015  
**Plant Habit:** Upright oval  
**Plant Height:** 6-8 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011. Vigor is still a little low.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Tilia mongolica **Variety:**  
**Cultivar:** Harvest Gold **Family:** Tiliaceae **Tsnum:** 99014  
**Common Name:** Harvest Gold Linden  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** SC06-6, SC07-16

**Observation Date of Plant:** 8/16/2016  
**Plant Habit:** Pyramidal to upright oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 6-9 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair to good  
**Fruit Present:** Few, unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Moved Spring of 2003 due to unavoidable construction. Very attractive with dark leaves and a uniform, compact growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair to good

**Fall Color:** Yellow

**Date of observation:** 9/29/2009

**Persistence:** 1-2 weeks

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**Scientific Name:** Tilia tomentosa **Variety:** -0-  
**Cultivar:** Sterling Silver **Family:** Tiliaceae **Tsnum:** 87107  
**Common Name:** Sterling Silver Silver Linden  
**Source:** Pacific Coast Nursery **Quantity observed:** 2 **Location:** A3, A2

**Observation Date of Plant:** 8/31/2015  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 20-30 ft.  
**Plant Width:** 20-27 ft  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** Few, not showy  
**Fruit Color:** Tan  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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*Scientific Name:* Tilia x euchlora *Variety:* -0-  
*Cultivar:* Redmond *Family:* Tiliaceae *Tsnum:* 81132  
*Common Name:* Redmond Crimean Linden  
*Source:* J. Frank Schmidt and Son Co *Quantity observed:* 1 *Location:* A5

*Observation Date of Plant:* 9/7/2015  
*Plant Habit:* Pyramidal becoming upright oval  
*Plant Height:* 50-60 ft.  
*Plant Width:* 30-40 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Residential street, specimen, large shade tree

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:*

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*



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**Scientific Name:** Tilia x europaea **Variety:** -0-  
**Cultivar:** -0- **Family:** Tiliaceae **Tsnum:** 88085  
**Common Name:** European Linden  
**Source:** Handy Nursery Co. **Quantity observed:** 2 **Location:** A5

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Pyramidal to upright oval  
**Plant Height:** 30-42 ft.  
**Plant Width:** 30-40 ft.  
**Current Seasons Growth:** 8-14 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Slight suckering on one tree.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Ulmus **Variety:**  
**Cultivar:** Accolade **Family:** Ulmaceae **Tsnum:** 98044  
**Common Name:** Accolade Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G7

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 40-50 ft.  
**Plant Width:** 35-40 ft.  
**Current Seasons Growth:** 20-30 in.

**Foliage Color:** Dark green, glossy  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 9/30/2012  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** bright yellow

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---

**Scientific Name:** Ulmus **Variety:**  
**Cultivar:** Morton Red Tip **Family:** Ulmaceae **Tsnum:** 98045  
**Common Name:** Danada Charm Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G6

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Upright oval

**Plant Height:** 40-50 ft.

**Plant Width:** 35-40ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale, chewing insects and leafminer

**Pest Severity:** Minor injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Branches have a fair amount of sooty mold from scale. Not one of the better varieties but looks okay.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 9/30/2012

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Ulmus americana **Variety:**  
**Cultivar:** Lewis and Clark **Family:** Ulmacea **Tsnum:** 14024  
**Common Name:** Prairie Expedition Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-02

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 8-10 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend. Looks a little leggy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ulmus americana **Variety:**  
**Cultivar:** New Harmony **Family:** Ulmaceae **Tsnum:** 12040  
**Common Name:** New Harmony Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC12-02

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Upright oval

**Plant Height:** 8-10 ft.

**Plant Width:** 2-4 ft

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Moderate chlorosis. Low vigor possibly due to irrigation problem during construction in 2015.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Ulmus davidiana **Variety:**  
**Cultivar:** **Family:** Ulmaceae **Tsnum:** 96148  
**Common Name:** David Elm  
**Source:** Morton Arboretum from Harbi **Quantity observed:** 2 **Location:** G8

**Observation Date of Plant:** 9/20/2016

**Plant Habit:** Round

**Plant Height:** 30-40 ft.

**Plant Width:** 35-45 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, medium/large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has significantly less insect damage than some others in collection. Very clean overall.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/30/2012

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Ulmus hybrid **Variety:**  
**Cultivar:** **Family:** Ulmaceae **Tsnum:** 01014  
**Common Name:** Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC12-1

**Observation Date of Plant:** 8/25/2016

**Plant Habit:** Upright oval or vase

**Plant Height:** 10-15 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker on trunk

**Disease Severity:** Moderate injury but may not be active

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has included bark in two major branch unions. No sign of scale. Attractive growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Ulmus parvifolia **Variety:**  
**Cultivar:** Dynasty **Family:** Ulmaceae **Tsnum:** 02041  
**Common Name:** Dynasty Elm  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** SC12-7, 11

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Vase or upright oval

**Plant Height:** 10-15 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 10-15 in

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale

**Pest Severity:** Moderate injury - only on one tree

**Plant Disease:** Sooty mold

**Disease Severity:** Severe, aesthetics affected on only one of two trees

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two looks much better than the second tree. Planted in arboretum in 2004.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ulmus propinqua **Variety:**  
**Cultivar:** JFS-Bieberich **Family:** Ulmaceae **Tsnum:** 08008  
**Common Name:** Emerald Sunshine Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G9

**Observation Date of Plant:** 10/1/2016  
**Plant Habit:** Upright oval  
**Plant Height:** 10-14 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Seems to have established now and vigor is really taking off.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ulmus x **Variety:**  
**Cultivar:** Morton Glossy **Family:** Ulmaceae **Tsnum:** 00166  
**Common Name:** Triumph Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC12-9

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 12-18 ft.  
**Plant Width:** 12-18 ft  
**Current Seasons Growth:** 10-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in arboretum in 2004. Suffered some storm damage October 2011 which decreased overall aesthetics but looks good in 2016.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Ulmus x **Variety:**  
**Cultivar:** Morton Plainsman **Family:** Ulmaceae **Tsnum:** 00167  
**Common Name:** Vanguard Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-3, G9

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Upright oval to round  
**Plant Height:** 20-30 ft.  
**Plant Width:** 25-35 ft.  
**Current Seasons Growth:** 12-36 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Scale  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes

**Comments on plant:** Growth habit isn't the best - lacks a central leader on largest tree and is leaning to one side due to crowding from nearby trees. Second tree is only about 10-15' tall but looks good.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2009  
**Aesthetics:** Fair to poor **Persistence:** 1-2 weeks  
**Fall Color:** Pale yellow

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---

**Scientific Name:** Ulmus x  
**Cultivar:** Morton Stalwart      **Family:** Ulmaceae      **Variety:**  
**Common Name:** Commendation Elm      **Tsnum:** 00164  
**Source:** J. Frank Schmidt and Son Co      **Quantity observed:** 2      **Location:** G7, SC12-10

**Observation Date of Plant:** 8/26/2016

**Plant Habit:** Upright oval to irregular

**Plant Height:** 20-35 ft.

**Plant Width:** 20-30 ft.

**Current Seasons Growth:** 15-36 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Leaf miner

**Pest Severity:** Slight injury

**Plant Disease:** Wet wood on one of two trees

**Disease Severity:** Minor injury

**Cultural Problems:** Possible restrictive root on one side of larger tree

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Branching habit is fairly open on larger tree. Second tree at second site has much less vigor but still looks good.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Light yellow

**Date of observation:** 9/30/2012

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Ulmus x **Variety:**  
**Cultivar:** Patriot **Family:** Ulmaceae **Tsnum:** 00165  
**Common Name:** Patriot Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-5,6

**Observation Date of Plant:** 8/26/2016  
**Plant Habit:** Upright oval to irregular  
**Plant Height:** 10-17 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:** Scale, chewing insects  
**Pest Severity:** Moderate to severe  
**Plant Disease:** Sooty mold  
**Disease Severity:** Moderate injury  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal  
**Comments on plant:** Planted in arboretum in 2004. Would look much better if not for scale and sooty mold. Has 15% dieback possibly due to scale.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Ulmus x **Variety:** -0-  
**Cultivar:** Pioneer **Family:** Ulmaceae **Tsnum:** 84243  
**Common Name:** Pioneer Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F9

**Observation Date of Plant:** 9/10/2016

**Plant Habit:** Vase

**Plant Height:** 30-40 ft.

**Plant Width:** 25-35 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Residential street, large shade tree

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale

**Pest Severity:** Moderate injury

**Plant Disease:** Sooty mold

**Disease Severity:** Minor injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Needs some pruning due to dieback from scale. Canopy looks a little thin.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Veronica liwanensis **Variety:**  
**Cultivar:** True White Form **Family:** Plantaginaceae **Tsnum:** 15017  
**Common Name:** White Turkish Veronica  
**Source:** Plant Select Trials **Quantity observed:** 3 **Location:** F7

**Observation Date of Plant:** 10/11/2016

**Plant Habit:**

**Plant Height:**

**Plant Width:**

**Current Seasons Growth:**

**Foliage Color:**

**Bark Characteristics:**

**Plant Summer Texture:**

**Aesthetic Plant Quality:**

**Landscape Uses:**

**Overall Plant Health:**

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in fall of 2016 and unable to evaluate before winter.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Viburnum **Variety:** -0-  
**Cultivar:** Emerald Triumph **Family:** Caprifoliaceae **Tsnum:** 92114  
**Common Name:** Emerald Triumph Viburnum  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** B2, C2

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 7-9 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red turning to black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Red and golden yellow

**Date of observation:** 10/28/2008

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Viburnum **Variety:** -0-  
**Cultivar:** Emerald Triumph **Family:** Caprifoliaceae **Tsnum:** 92102  
**Common Name:** Emerald Triumph Viburnum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A6

**Observation Date of Plant:** 9/8/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 8-12 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 4/26/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** red, orangish red

**Date of observation:** 10/21/2003

**Persistence:** 1-2 weeks

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*Scientific Name:* Viburnum *Variety:*  
*Cultivar:* Emerald Triumph *Family:* Caprifoliaceae *Tsnum:* 13030  
*Common Name:* Emerald Triumph Viburnum  
*Source:* Bailey Nurseries *Quantity observed:* 2 *Location:*

*Observation Date of Plant:* 9/28/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 5-7 ft.  
*Plant Width:* 3-5 ft.  
*Current Seasons Growth:* 3-6 in.

*Foliage Color:* Medium to dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, confined areas requiring a small tree

*Overall Plant Health:* Good

*Fruit Present:*

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Planted in 2014.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Viburnum bodnantense **Variety:** -0-  
**Cultivar:** Pink Dawn **Family:** Caprifoliaceae **Tsnum:** 88204  
**Common Name:** Pink Dawn Hybrid Viburnum  
**Source:** Hines Nursery **Quantity observed:** 1 **Location:** B1

**Observation Date of Plant:** 9/28/2015  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 9-12 ft.  
**Plant Width:** 12-18 ft  
**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Has slight chlorosis and vigor is lower than most years.

**Observation Date of Flowers:** 3/18/2012  
**Flower Color:** Pink  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 85-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** One of few years flowers were not frozen and it looks very good plus has a nice fragrance. Great pink color.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2008  
**Aesthetics:** Excellent **Persistence:** 1-2 weeks  
**Fall Color:** Bronze/red

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---

**Scientific Name:** Viburnum carlcephalum **Variety:**  
**Cultivar:** **Family:** Caprifoliaceae **Tsnum:** 95116  
**Common Name:** Fragrant Snowball Viburnum  
**Source:** Oregon Garden Products **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Broad oval, irregular

**Plant Height:** 5-8 ft.

**Plant Width:** 6-10 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** About half of canopy died back in winter of 2004/05 and 25% in 2005/06 but surviving part has good vigor. In 2006/2007 10-20% of canopy - one stem was wilting/dying from apparent canker. No dieback in 2011, 2013 or 2015 but still

**Observation Date of Flowers:** 5/2/2006

**Flower Color:** White, pink buds

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 20-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Would probably have more flowers if plant was in a site that was more moist.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum dentatum **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 83263  
**Common Name:** Downy Viburnum  
**Source:** Synnestvedt Nursery **Quantity observed:** 1 **Location:** B3

**Observation Date of Plant:** 9/30/2015  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 8-10 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 6-14 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Canopy looks a little thin and is a little floppy - may be in too much shade.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum dentatum **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 88118  
**Common Name:** Arrowwood Viburnum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Round

**Plant Height:** 4 - 5.5 ft

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum dentatum **Variety:**  
**Cultivar:** Moonglo **Family:** Caprifoliaceae **Tsnum:** 02019  
**Common Name:** Moonglo Arrowwood Viburnum  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** B3

**Observation Date of Plant:** 9/30/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 4-6 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** 5/22/06 - Removed 75-80% of canopy due to winter dieback when temperatures were -16F. Looked fine Spring of 2007 despite similar temperatures and no additional damage in 2008 - 2016.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Viburnum dentatum **Variety:**  
**Cultivar:** Morton **Family:** Caprifoliaceae **Tsnum:** 98048  
**Common Name:** Northern Burgundy Viburnum  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 8/1/2015

**Plant Habit:** Round

**Plant Height:** 3 - 4.5 ft.

**Plant Width:** 4-5 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Would probably have better vigor if not at edge of arboretum which has less uniform irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Viburnum dentatum **Variety:**  
**Cultivar:** Ralph Senior **Family:** Caprifoliaceae **Tsnum:** 07079  
**Common Name:** Autumn Jazz Arrowwood Viburnum  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** B3

**Observation Date of Plant:** 9/30/2015

**Plant Habit:** Upright oval

**Plant Height:** 5-7 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 12-24 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2008.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/10/2009

**Persistence:** 1-2 weeks

**2016 Woody Plant Evaluations**  
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---

**Scientific Name:** Viburnum dentatum **Variety:**  
**Cultivar:** Synnestvedt **Family:** Caprifoliaceae **Tsnum:** 07080  
**Common Name:** Chicago Lustre Arrowwood Viburnum  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** B3

**Observation Date of Plant:** 9/30/2015

**Plant Habit:** Upright oval

**Plant Height:** 5-6 ft.

**Plant Width:** 3-5 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2013. Bumps along stem may indicate canker and plant is near death late in season.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum dilatatum **Variety:**  
**Cultivar:** Oneida **Family:** Caprifoliaceae **Tsnum:** 96086  
**Common Name:** Oneida Viburnum  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** A3, A4

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Upright oval

**Plant Height:** 4-8 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark to medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look better if not at edge of arboretum which has less uniform irrigation. One of three is significantly smaller than the others.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum lantana **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 78130  
**Common Name:** Wayfaringtree Viburnum  
**Source:** Unknown **Quantity observed:** 1 **Location:** B2

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Broad oval

**Plant Height:** 8 - 12 ft.

**Plant Width:** 15 - 20 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate fruiting

**Fruit Color:** Red turning to black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Has a nice dense growth habit.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** green/purple

**Date of observation:** 9/23/2004

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Viburnum lantana **Variety:** -0-  
**Cultivar:** Mohican **Family:** Caprifoliaceae **Tsnum:** 83259  
**Common Name:** Mohican Wayfaringtree Viburnum  
**Source:** Synnestvedt Nursery **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-10 ft.

**Plant Width:** 12-16 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Rejuvenated in 2008 and has come back strong.

**Observation Date of Flowers:** 5/10/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum lantana **Variety:** -0-  
**Cultivar:** Mohican **Family:** Caprifoliaceae **Tsnum:** 80148  
**Common Name:** Mohican Wayfaringtree Viburnum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Round or broad oval  
**Plant Height:** 10 - 12 ft.  
**Plant Width:** 15 -18 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit  
**Fruit Color:** Purple  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Viburnum lantana **Variety:** -0-  
**Cultivar:** Rugosum **Family:** Caprifoliaceae **Tsnum:** 83260  
**Common Name:** Rugosa Wayfaringtree Viburnum  
**Source:** Synnestvedt Nursery **Quantity observed:** 2 **Location:** B1

**Observation Date of Plant:** 9/28/2015

**Plant Habit:** Round

**Plant Height:** 9-11 ft.

**Plant Width:** 10-14 ft

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Purple/black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two was rejuvenated in 2009.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Dark purple/red

**Date of observation:** 11/11/2009

**Persistence:** 2-3 weeks



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---

**Scientific Name:** Viburnum lentago **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 77013  
**Common Name:** Nannyberry Viburnum  
**Source:** Unknown **Quantity observed:** 1 **Location:** B2

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Broad oval

**Plant Height:** 8-12 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 4 - 8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Date of observation:** 10/5/2011

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** pale golden yellow, true red

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**Scientific Name:** Viburnum molle **Variety:**  
**Cultivar:** **Family:** Caprifoliaceae **Tsnum:** 99016  
**Common Name:** Kentucky Viburnum  
**Source:** Sjulín Nurseries **Quantity observed:** 4 **Location:** A4

**Observation Date of Plant:** 8/31/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 4-6 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor to fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Moderate fruiting, showy

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Would probably have better vigor if not at edge of arboretum which has less uniform irrigation.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Viburnum mongolicum *Variety:*  
*Cultivar:* Ames 2814 *Family:* Caprifoliaceae *Tsnum:* 11009  
*Common Name:* Mongolian Viburnum  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 3 *Location:* B3

*Observation Date of Plant:* 9/30/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 3-4 ft.  
*Plant Width:* 2-3 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Dark green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Good  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:*  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2013.

*Observation Date of Flowers:*  
*Flower Color:*  
*Flower Type:*  
*Flower Effect:*  
*% of Flower Coverage:*  
*Bloom Stage:*  
*Comments on Flowers:*

*Fall Color or Fruit:*  
*Aesthetics:*  
*Fall Color:*

*Date of observation:*  
*Persistence:*

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---

**Scientific Name:** Viburnum opulus **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 78127  
**Common Name:** European Cranberrybush Viburnum  
**Source:** Unknown **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 10-14 ft.

**Plant Width:** 20-28 ft.

**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Red, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** light yellow, burnt red

**Date of observation:** 10/28/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Viburnum opulus **Variety:** -0-  
**Cultivar:** Aurea **Family:** Caprifoliaceae **Tsnum:** 82105  
**Common Name:** Golden European Cranberrybush Viburnum  
**Source:** Cross Nurseries Inc. **Quantity observed:** 3 **Location:** B3

**Observation Date of Plant:** 9/30/2015

**Plant Habit:** Round to broad oval

**Plant Height:** 10 -12 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Light green, light yellow

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One plant was rejuvenated in 2010 and is still 1/4 as big as others.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum opulus **Variety:** -0-  
**Cultivar:** Compactum **Family:** Caprifoliaceae **Tsnum:** 81249  
**Common Name:** Compact European Cranberrybush Viburnum  
**Source:** Cross Nurseries Inc. **Quantity observed:** 1 **Location:** B2

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 5-7 ft.  
**Plant Width:** 5-8 ft  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Few  
**Fruit Color:** Red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:** Irrigation problem  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Became stressed due to irrigation problem but should recover.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Viburnum opulus **Variety:**  
**Cultivar:** Notcutt **Family:** Caprifoliaceae **Tsnum:** 94007  
**Common Name:** Notcutt European Cranberry Bush  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** A6

**Observation Date of Plant:** 9/15/2015

**Plant Habit:** Upright oval

**Plant Height:** 6-7 ft.

**Plant Width:** 3-6 ft.

**Current Seasons Growth:** 4-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum opulus **Variety:**  
**Cultivar:** Roseum **Family:** Caprifoliaceae **Tsnum:** 98021  
**Common Name:** Snowball Viburnum  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** A5

**Observation Date of Plant:** 9/7/2015  
**Plant Habit:** Round to broad oval  
**Plant Height:** 7-10 ft.  
**Plant Width:** 8-14 ft.  
**Current Seasons Growth:** 12-36 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Doing well for being at edge of arboretum.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**



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**Scientific Name:** Viburnum opulus **Variety:** -0-  
**Cultivar:** Xanthocarpa **Family:** Caprifoliaceae **Tsnum:** 81294  
**Common Name:** European Cranberrybush Viburnum  
**Source:** Denver Botanic Gardens **Quantity observed:** 2 **Location:** B2

**Observation Date of Plant:** 9/29/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 8-12 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Moderate amount  
**Fruit Color:** Orange  
**Insect Pests:** Aphids  
**Pest Severity:** Slight injury  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in 2011. Came back with impressive vigor.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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<b>Scientific Name:</b> Viburnum plicatum tomentosum	<b>Variety:</b>
<b>Cultivar:</b> Kern's Pink	<b>Family:</b> Caprifoliaceae
<b>Common Name:</b> Kern's Pink Doublefile Viburnum	<b>Tsnum:</b> 08049
<b>Source:</b> Bailey Nurseries	<b>Quantity observed:</b> 2
	<b>Location:</b> C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval

**Plant Height:** 6-8 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 10-16 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum prunifolium **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 85115  
**Common Name:** Blackhaw Viburnum  
**Source:** Zelenka Nursery **Quantity observed:** 2 **Location:** B3,B2

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Round to irregular

**Plant Height:** 9-14 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Wildlife, windbreak, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two was rejuvenated in 2014 and slowly coming back.

**Observation Date of Flowers:** 5/2/2006

**Flower Color:** White

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 40-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good

**Fall Color:** Dark red

**Date of observation:** 10/20/2010

**Persistence:** 1-2 weeks

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---

*Scientific Name:* Viburnum rafinesquianum *Variety:* -0-  
*Cultivar:* -0- *Family:* Caprifoliaceae *Tsnum:* 85009  
*Common Name:* Downy Arrowhead Viburnum  
*Source:* Minnesota Landscape Arbore *Quantity observed:* 1 *Location:* C3

*Observation Date of Plant:* 10/5/2015  
*Plant Habit:* Broad oval  
*Plant Height:* 6 - 8 ft.  
*Plant Width:* 10-14 ft  
*Current Seasons Growth:* 3-6 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Growth increments seem small. 10-20% of canopy dying from unknown cause - possibly canker. Main problem is about a third of the plant has flopped open possibly due to snow load but it is slow to regain shape.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Viburnum rufidulum **Variety:**  
**Cultivar:** 21668 **Family:** Caprifoliaceae **Tsnum:** 03029  
**Common Name:** Rusty Blackhaw Viburnum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** A5

**Observation Date of Plant:** 9/7/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 4-6 ft.

**Plant Width:** 4-6 ft.

**Current Seasons Growth:** 10-15 in

**Foliage Color:** Dark green, glossy

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2004. 6/2/06 - Removed 80% of canopy due to -16F winter temperatures in December 2005. No damage since then. Looks good despite location at edge of arboretum where irrigation is less uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum rufidulum **Variety:**  
**Cultivar:** 25098 **Family:** Caprifoliaceae **Tsnum:** 03030  
**Common Name:** Rusty Blackhaw Viburnum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** A5

**Observation Date of Plant:** 9/7/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 5-7 ft.

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green, glossy

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2004. Very attractive, glossy foliage. Looks good especially for growing at edge of arboretum where irrigation is less uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum sargentii **Variety:** -0-  
**Cultivar:** Flavum **Family:** Caprifoliaceae **Tsnum:** 81303  
**Common Name:** Sargent Viburnum  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** B2

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Broad oval, irregular

**Plant Height:** 7-10 ft.

**Plant Width:** 10-15 ft.

**Current Seasons Growth:** 18-30 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Width may be different in another landscape since this one is crowded by neighbors. Growth habit is a little leggy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum trilobum **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 81155  
**Common Name:** American Cranberrybush Viburnum  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** B2, B3

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Broad oval to round

**Plant Height:** 8-11 ft.

**Plant Width:** 15-20 ft.

**Current Seasons Growth:** 12-30 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Red, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Width may be different in another landscape since this one is crowded by neighbors. One of three was rejuvenated in 2011.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Pale yellow

**Date of observation:** 10/6/2008

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Viburnum trilobum **Variety:**  
**Cultivar:** Hahs **Family:** Caprifoliaceae **Tsnum:** 98047  
**Common Name:** Hahs American Cranberry Bush  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C2, C3

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 7-10 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border, hedge

**Overall Plant Health:** Good  
**Fruit Present:** Few, showy  
**Fruit Color:** Red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in arboretum in 2004.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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---

**Scientific Name:** Viburnum trilobum **Variety:**  
**Cultivar:** J. N. Select **Family:** Caprifoliaceae **Tsnum:** 07035  
**Common Name:** Redwing American Cranberrybush  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C2

**Observation Date of Plant:** 10/5/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 5-7 ft.

**Plant Width:** 6-9 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount of fruit

**Fruit Color:** Red, showy

**Insect Pests:** Aphids

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2009.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Viburnum trilobum **Variety:** -0-  
**Cultivar:** Wentworth **Family:** Caprifoliaceae **Tsnum:** 84120  
**Common Name:** Wentworth Amer. Cranberrybush Viburnum  
**Source:** Sherman Nursery **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 10/5/2015  
**Plant Habit:** Irregular or broad oval  
**Plant Height:** 8-10 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Moderate amount of fruit but still showy  
**Fruit Color:** Red  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Rejuvenated in 2010.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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*Scientific Name:* Viburnum x burkwoodii *Variety:*  
*Cultivar:* Mohawk *Family:* Caprifoliaceae *Tsnum:* 03007  
*Common Name:* Mohawk Burkwood Viburnum  
*Source:* Carlton Plants *Quantity observed:* 1 *Location:* A6

*Observation Date of Plant:* 9/8/2015  
*Plant Habit:* Upright oval  
*Plant Height:* 6-8 ft.  
*Plant Width:* 5-8 ft.  
*Current Seasons Growth:* 6-12 in.

*Foliage Color:* Dark green, glossy  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair to good  
*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Fair  
*Fruit Present:* None  
*Fruit Color:*  
*Insect Pests:*  
*Pest Severity:*  
*Plant Disease:*  
*Disease Severity:*  
*Cultural Problems:* May be getting too much shade from nearby plants.  
*Nuisances:*  
*Recommended:* Yes  
*Comments on plant:* Planted in 2005. Probably would look better with more sun.

*Observation Date of Flowers:* 4/26/2006  
*Flower Color:* Pink buds, white flowers  
*Flower Type:* cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 20-40%  
*Bloom Stage:* Flowers open  
*Comments on Flowers:*

*Fall Color or Fruit:* *Date of observation:*  
*Aesthetics:* *Persistence:*  
*Fall Color:*

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---

**Scientific Name:** Viburnum x pragense **Variety:**  
**Cultivar:** **Family:** Caprifoliaceae **Tsnum:** 03159  
**Common Name:** Prague Viburnum  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** B2

**Observation Date of Plant:** 9/29/2015

**Plant Habit:** Upright oval to round

**Plant Height:** 6-8 ft.

**Plant Width:** 6-8 ft.

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Dark green, glossy

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Severe freeze November 2014 caused 50% loss in canopy and vigor is much less since.

**Observation Date of Flowers:** 5/10/2006

**Flower Color:** White flowers, pink buds

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 10-15%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Almost all buds over two feet above the ground are brown and crisp - appears to have frozen during the -15F weather in the winter.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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*Scientific Name:* Viburnum x rhytidophylloides      *Variety:* -0-  
*Cultivar:* -0-      *Family:* Caprifoliaceae      *Tsnum:* 83123  
*Common Name:* Lantanaphyllum Viburnum  
*Source:* US Nat'l Arboretum      *Quantity observed:*      1      *Location:*

*Observation Date of Plant:*      6/5/2015

*Plant Habit:* Upright oval

*Plant Height:* 8 - 12 ft.

*Plant Width:* 7-10 ft.

*Current Seasons Growth:* 4-8 in.

*Foliage Color:* Dark green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Good

*Landscape Uses:* Wildlife, specimen, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Few fruit

*Fruit Color:* Purple/black

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Moved in fall of 2016 due to unavoidable construction.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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---

*Scientific Name:* Viburnum x rhytidophylloides *Variety:* -0-  
*Cultivar:* Alleghany *Family:* Caprifoliaceae *Tsnum:* 80150  
*Common Name:* Alleghany Lantanaphyllum Viburnum  
*Source:* USDA/NC-7, Ames, IA *Quantity observed:* 2 *Location:* B2

*Observation Date of Plant:* 9/28/2015

*Plant Habit:* Broad oval

*Plant Height:* 8 - 12 ft.

*Plant Width:* 15-20 ft.

*Current Seasons Growth:* 6 - 12 in.

*Foliage Color:* Dark green

*Bark Characteristics:* Not very important

*Plant Summer Texture:* Medium

*Aesthetic Plant Quality:* Excellent

*Landscape Uses:* Wildlife, specimen, xeriscape, shrub border

*Overall Plant Health:* Good

*Fruit Present:* Abundant

*Fruit Color:* Red turning to black

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Excellent dark green foliage.

*Observation Date of Flowers:* 5/10/2006

*Flower Color:* White/cream

*Flower Type:* Cluster

*Flower Effect:* Good

*% of Flower Coverage:* 40-60%

*Bloom Stage:* Flowers open

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Viburnum x rhytidophylloides      **Variety:**  
**Cultivar:** Alleghany      **Family:** Caprifoliaceae      **Tsnum:** 96207  
**Common Name:** Alleghany Viburnum  
**Source:** Denver Botanic Gardens/Pla      **Quantity observed:** 3      **Location:** G0

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Round

**Plant Height:** 10-15 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Hedge, specimen, xeriscape, shrub border

**Overall Plant Health:** Excellent

**Fruit Present:** Few fruit

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Excellent dark green foliage.

**Observation Date of Flowers:** 5/8/2006

**Flower Color:** White

**Flower Type:** cluster

**Flower Effect:** Good

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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*Scientific Name:* Viburnum x rhytidophylloides *Variety:*  
*Cultivar:* Willowwood *Family:* Caprifoliaceae *Tsnum:* 94004  
*Common Name:* Willowwood Viburnum  
*Source:* Sjulín Nurseries *Quantity observed:* 2 *Location:* A3, A4

*Observation Date of Plant:* 8/31/2015

*Plant Habit:* Irregular

*Plant Height:* 6-8 ft.

*Plant Width:* 7-10 ft.

*Current Seasons Growth:* 10-Jun

*Foliage Color:* Dark green

*Bark Characteristics:* Unimportant

*Plant Summer Texture:* Coarse

*Aesthetic Plant Quality:* Fair to good

*Landscape Uses:* Specimen, shrub border

*Overall Plant Health:* Fair

*Fruit Present:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* One of two looking stressed probably due to inadequate irrigation on edge of arboretum.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of Flower Coverage:*

*Bloom Stage:*

*Comments on Flowers:*

*Fall Color or Fruit:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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**Scientific Name:** Vitis **Variety:**  
**Cultivar:** Saint Theresa **Family:** Vitaceae **Tsnum:** 08118  
**Common Name:** Saint Theresa Grape  
**Source:** Plant Select **Quantity observed:** 2 **Location:** G1

**Observation Date of Plant:** 9/16/2015

**Plant Habit:** Vine

**Plant Height:** 3 ft. on rail fence

**Plant Width:** 10-15 ft on rail fence

**Current Seasons Growth:** 3-5 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Screen, edible

**Overall Plant Health:** Good

**Fruit Present:** Important, seedless, showy

**Fruit Color:** Dark purple

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Weigela florida **Variety:** -0-  
**Cultivar:** Bristol Snowflake **Family:** Caprifoliaceae **Tsnum:** 84186  
**Common Name:** Bristol Snowflake Old Fashioned Weigela  
**Source:** Zelenka Nursery **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round to broad oval

**Plant Height:** 5-7 ft.

**Plant Width:** 7-10 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Removed 50% dead wood in 2010 due to winter dieback but looks fine in 2012, 2014 and 2016.

**Observation Date of Flowers:** 6/5/2006

**Flower Color:** White

**Flower Type:** Single

**Flower Effect:** Excellent

**% of Flower Coverage:** 80-90%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Some flowers even in late September

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Weigela florida **Variety:** -0-  
**Cultivar:** Eva Rathke **Family:** Caprifoliaceae **Tsnum:** 88082  
**Common Name:** Eva Rathke Old Fashioned Weigela  
**Source:** Mount Arbor Nursery **Quantity observed:** 3 **Location:** A11, AA11

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 5-6 ft.  
**Plant Width:** 7-9 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Removed about 40% of dead wood in 2010 from one of two plants - possibly due to harsh winter in 2009-2010 but seems fine since then.

**Observation Date of Flowers:** 6/5/2006

**Flower Color:** Red

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 40-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Weigela florida **Variety:** -0-  
**Cultivar:** Pink Delight **Family:** Caprifoliaceae **Tsnum:** 84204  
**Common Name:** Pink Delight Old Fashioned Weigela  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval to round

**Plant Height:** 6-8 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 6/2/2006

**Flower Color:** Rose/pink

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 40-60%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Weigela florida **Variety:** -0-  
**Cultivar:** Vaniceki **Family:** Caprifoliaceae **Tsnum:** 81157  
**Common Name:** Vanicek Old Fashioned Weigela  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** A13, AA13

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Round  
**Plant Height:** 6 - 8 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Two of three rejuvenated in 2016.

**Observation Date of Flowers:** 6/2/2006  
**Flower Color:** Dark Red  
**Flower Type:** Single  
**Flower Effect:** Good  
**% of Flower Coverage:** 80-90%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Best Weigela for flowers in this collection.

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Weigela florida **Variety:**  
**Cultivar:** Variegata **Family:** Caprifoliaceae **Tsnum:** 94005  
**Common Name:** Variegated Weigala  
**Source:** Sjulín Nurseries **Quantity observed:** 1 **Location:** A11

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Round

**Plant Height:** 4-6 ft.

**Plant Width:** 4-8 ft.

**Current Seasons Growth:** 8-15 in.

**Foliage Color:** Variegated, medium green and light green and white

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:**

**Observation Date of Flowers:** 5/26/2006

**Flower Color:** Pink fading to white

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 15-30%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Weigela florida **Variety:**  
**Cultivar:** Verweig **Family:** Caprifoliaceae **Tsnum:** 15091  
**Common Name:** My Monet Sunset Weigela  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** AA12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Young, undefined

**Plant Height:** 1-2 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 2-4 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Weigela hortensis **Variety:** -0-  
**Cultivar:** -0- **Family:** Caprifoliaceae **Tsnum:** 85037  
**Common Name:** Weigela  
**Source:** US Nat'l Arboretum **Quantity observed:** 2 **Location:** A12

**Observation Date of Plant:** 9/21/2016

**Plant Habit:** Broad oval to irregular

**Plant Height:** 3-5 ft.

**Plant Width:** 4-8 ft.

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two has low vigor but second looks good.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Weigla florida **Variety:**  
**Cultivar:** Pink Poppet **Family:** Caprifoliaceae **Tsnum:** 04204  
**Common Name:** Pink Poppet Weigela  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** AA12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 2-3 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Light to medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look better if not at edge of arboretum where irrigation is less uniform.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Wiegela florida **Variety:**  
**Cultivar:** Dark Horse **Family:** Caprifoliaceae **Tsnum:** 13028  
**Common Name:** Dark Horse Weigela  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** AA12

**Observation Date of Plant:** 9/21/2016  
**Plant Habit:** Young, undefined  
**Plant Height:** 1-2 ft.  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Dark red/green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Xanthoceras sorbifolium **Variety:**  
**Cultivar:** **Family:** Sapindaceae **Tsnum:** 01036  
**Common Name:** Yellow Horn  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** G0

**Observation Date of Plant:** 9/16/2015  
**Plant Habit:** Round  
**Plant Height:** 7-8 ft.  
**Plant Width:** 8-10 ft.  
**Current Seasons Growth:** 10-15 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Good  
**Fruit Present:** Few, edible  
**Fruit Color:** Brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:**

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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**Scientific Name:** Xanthoceras sorbifolium **Variety:**  
**Cultivar:** **Family:** Sapindaceae **Tsnum:** 97067  
**Common Name:** Yellowhorn  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D7, G0

**Observation Date of Plant:** 9/20/2016  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 12-18 ft.  
**Plant Width:** 12-18 ft.  
**Current Seasons Growth:** 8-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** Residential street, specimen, wildlife

**Overall Plant Health:** Good  
**Fruit Present:** Few fruit but still interesting  
**Fruit Color:** brown  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Attractive foliage. Looks good all summer. Edible nuts are good but fairly small and labor intensive.

**Observation Date of Flowers:** 4/24/2012  
**Flower Color:** White developing a maroon eye  
**Flower Type:** Cluster  
**Flower Effect:** Excellent  
**% of Flower Coverage:** 95-100%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/10/2004  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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**Scientific Name:** Yucca filamentosa **Variety:**  
**Cultivar:** Golden Sword **Family:** Asparagaceae **Tsnum:** 16011  
**Common Name:** Golden Sword Yucca  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** GH

**Observation Date of Plant:** 10/15/2016

**Plant Habit:** Upright

**Plant Height:** 1.5-2.5 ft.

**Plant Width:** 2-3 ft.

**Current Seasons Growth:** 1.5-2.5 ft.

**Foliage Color:** Green/yellow variegated

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, border

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2016 - too soon to recommend but looked good going into winter of 2016.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Zelkova serrata **Variety:**  
**Cultivar:** Green Vase **Family:** Ulmaceae **Tsnum:** 01019  
**Common Name:** Green Vase Zelkova  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** SC6-3

**Observation Date of Plant:** 9/14/2015

**Plant Habit:** Vase

**Plant Height:** 20-30 ft.

**Plant Width:** 10-14 ft.

**Current Seasons Growth:** 24-36 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Residential street, specimen

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in arboretum in 2003. Cankers have caused large dead area at four areas along trunk and half of tree died late summer.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Zelkova serrata **Variety:**  
**Cultivar:** Musashino **Family:** Ulmaceae **Tsnum:** 99010  
**Common Name:** Musashino Zelkova  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC11-1

**Observation Date of Plant:** 8/25/2016  
**Plant Habit:** Vase  
**Plant Height:** 10-15 ft.  
**Plant Width:** 12-18 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Residential street, Specimen

**Overall Plant Health:** Fair  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Moderate to severe damage  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** No  
**Comments on plant:** Planted in 2003. Appears hardy for this area.

**Observation Date of Flowers:**  
**Flower Color:**  
**Flower Type:**  
**Flower Effect:**  
**% of Flower Coverage:**  
**Bloom Stage:**  
**Comments on Flowers:**

**Fall Color or Fruit:** Fall color **Date of observation:** 10/9/2009  
**Aesthetics:** Fair to good **Persistence:** 1-2 weeks  
**Fall Color:** Red



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**Scientific Name:** Ziziphus jujube **Variety:** -0-  
**Cultivar:** -0- **Family:** Rhamnaceae **Tsnum:** 78013  
**Common Name:** Common Jujube  
**Source:** Knox City Plant Material **Quantity observed:** 1 **Location:** E7

**Observation Date of Plant:** 9/30/2016

**Plant Habit:** Upright oval

**Plant Height:** 15-20 ft.

**Plant Width:** 15-20 ft

**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green, very glossy

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, large shrub for back of border, small tree

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Brown/Orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Foliage is drab "Army green" but very glossy. Has had die back during a very cold winter about 1990 but had no problems during severe cold in winters since then.

**Observation Date of Flowers:** 7/23/2003

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Poor

**% of Flower Coverage:** 26-50%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Flowers are too tiny to be showy.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**