

**2018 Woody Plant Evaluations  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

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**Scientific Name:** Abelia x  
**Cultivar:** 10-9044-1  
**Common Name:** Glossy Abelia  
**Source:** The Conard Pyle Co.

**Family:** Caprifoliaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 14089  
**Location:** E5

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Spreading

**Plant Height:** 8 in

**Plant Width:** 18 in.

**Current Seasons Growth:** 3-6 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** Abeliophyllum distichum **Variety:**  
**Cultivar:** **Family:** Oleaceae **Tsnum:** 01040  
**Common Name:** White Forsythia  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** B7

**Observation Date of Plant:** 9/4/2017

**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:** 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 2004. Slightly chlorotic. May look better with more sun.

**Observation Date of Flowers:** 3/19/2012

**Flower Color:** White

**Flower Type:** cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 60-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Nice fragrance.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** F10, E11

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Narrow, pyramidal

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

**Plant Width:** 12-20 ft

**Current Seasons Growth:** 8-12 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:** 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 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:** 10/2/2018

**Plant Habit:** Pyramidal

**Plant Height:** 5-7 ft.

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

**Current Seasons Growth:** 6-12 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:** 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:** Abies lasiocarpa **Variety:**  
**Cultivar:** Glauca Compacta **Family:** Pinaceae **Tsnum:** 17091  
**Common Name:** Dwarf Blue Rocky Mountain Fir  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** CFA

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Pyramidal

**Plant Height:** 2 ft.

**Plant Width:** 12- 18 in

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

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, confined areas

**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 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:** 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:** 9/27/2018

**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:** 9/24/2017

**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:**  
**Cultivar:** JFS Schichtel2 **Family:** Aceraceae **Tsnum:** 17001  
**Common Name:** Streetside™ Hedge Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G4, G3

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval, narrow

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

**Plant Width:** 2-4 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, street 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 2018 - 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 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:** 9/27/2018

**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, medium size tree

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount fruit

**Fruit Color:** Green turning to 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:** 9/24/2017

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor to good

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

**Overall Plant Health:** Poor to good

**Fruit Present:** Few

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker on one of two trees

**Disease Severity:** Severe injury

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

**Nuisances:**

**Recommended:** Marginal

**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:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks

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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:** 9/27/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 18-24 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:** 9/24/2017

**Plant Habit:** Columnar

**Plant Height:** 40-50 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, 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 freemanii 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:** 9/27/2018  
**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:** Marginal

**Comments on plant:** Planted in arboretum in 2003. Looks reasonable now but Acer ginnala often gets very chlorotic and one of two has about 30% 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?, SC1-15

**Observation Date of Plant:** 9/24/2017

**Plant Habit:** Irregular

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

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

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

**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. Looks surprisingly good the past 3-4 years 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:** 3 **Location:** B12, B13, HG

**Observation Date of Plant:** 9/27/2018

**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:** Fair to 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. One of three trees has slight chlorosis. Third tree planted in 2017 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:** Acer grandidentatum **Variety:**  
**Cultivar:** 91011-75 **Family:** Aceraceae **Tsnum:** 96281  
**Common Name:** Big Tooth Maple  
**Source:** Plant Select **Quantity observed:** 1 **Location:** G1

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Upright oval

**Plant Height:** 22-28 ft

**Plant Width:** 12-15 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, 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:** Would probably be larger 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:** Acer grandidentatum **Variety:**  
**Cultivar:** 91014-52 **Family:** Aceraceae **Tsnum:** 96285  
**Common Name:** Big Tooth Maple  
**Source:** Plant Select **Quantity observed:** 1 **Location:** G1

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Upright oval

**Plant Height:** 25-35 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, 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 **Variety:**  
**Cultivar:** JFS-NuMex3 **Family:** Aceraceae **Tsnum:** 17030  
**Common Name:** Mesa Glow Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G3

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Street tree, 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 2018 - 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 grandidentatum **Variety:**  
**Cultivar:** Schmidt **Family:** Aceraceae **Tsnum:** 15047  
**Common Name:** Rocky Mountain Glow Big Tooth Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC01-12, 02-11

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Round

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

**Plant Width:** 6-8 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, shade tree

**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 2018. The tree planted in 2016 died from canker.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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  
**Cultivar:** Hipazam  
**Common Name:** Highland Park Maple  
**Source:** J. Frank Schmidt and Son Co

**Variety:**  
**Tsnum:** 11010

**Family:** Aceraceae  
**Quantity observed:** 2  
**Location:** AA12, CFA

**Observation Date of Plant:** 9/4/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 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:** Good  
**Fruit Present:** None  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker on one of two trees  
**Disease Severity:** Moderate injury on one plant  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Planted in 2011. One of two has canker near base of trunk. Second tree 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:** Good  
**Fall Color:** Yellow, orange, red

**Date of observation:** 11/4/2015  
**Persistence:** 1-2 weeks

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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:** B12

**Observation Date of Plant:** 9/27/2018

**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:** Fair

**Landscape Uses:** Residential street, 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:** Marginal

**Comments on plant:** Planted in arboretum in 2003. Peeling bark is very attractive and cinnamon brown. Canopy is thin and lost one branch (20% of canopy) 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Acer griseum **Variety:**  
**Cultivar:** JFSKW8AGRI **Family:** Sapindaceae **Tsnum:** 18002  
**Common Name:** Fireburst Paperbark Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C13

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young, undefined

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

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Dark 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:** n/a

**Comments on plant:** Planted in 2018 - too soon to recommend. Root balls seemed a little loose on arrival and probably why vigor is very low.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 macrophyllum **Variety:**  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 15048  
**Common Name:** Bigleaf Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G3

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 8-10 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:** Specimen, shade tree

**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 2018 - 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 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:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 7-9 ft

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

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

**Comments on plant:** Planted in 2014. Would probably be taller but central leader seems to be growing to one side possibly due too 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

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

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Acer miyabei **Variety:**  
**Cultivar:** KW-3ami **Family:** Aceraceae **Tsnum:** 17005  
**Common Name:** Rugged Ridge® Miyabe Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G4, SC02-14

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 5-6 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, shade tree, street 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 2018 - 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 monospermulatum **Variety:**  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 05103  
**Common Name:** Montpelier Maple  
**Source:** Proven Winners **Quantity observed:** 1 **Location:** C14

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Somewhat irregular  
**Plant Height:** 4-6 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:** Fair  
**Landscape Uses:** Specimen

**Overall Plant Health:** 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 2012. 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:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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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:** 9/27/2018

**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 to poor

**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:** 9/24/2017

**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:** Good

**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

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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:** 9/24/2017

**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:** Yellow with hints of red

**Date of observation:** 10/6/2017

**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:** 9/24/2017

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

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

**Plant Width:** 18-25 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:** Minor injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**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 70% 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:** 9/29/2018  
**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:** 9/29/2018

**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

**Aesthetics:** Good

**Fall Color:** red/orange

**Date of observation:** 10/14/2018

**Persistence:** 1-2 weeks



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**Scientific Name:** Acer palmatum **Variety:**  
**Cultivar:** **Family:** Sapindaceae **Tsnum:** 15082  
**Common Name:** Japanese Maple  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** C13, C14

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Vase

**Plant Height:** 4-5 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 to fair

**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 2016. Both look healthy but one appears to lost top 30% of canopy possibly due to winter dieback but second plant has no 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:** -0- **Family:** Aceraceae **Tsnum:** 78137  
**Common Name:** Norway Maple  
**Source:** Kankakee Nursery Company **Quantity observed:** 2 **Location:** B13

**Observation Date of Plant:** 9/27/2018

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

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Round  
**Plant Height:** 30-40 ft.  
**Plant Width:** 35-40 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, 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:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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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:** 9/27/2018

**Plant Habit:** Round to upright oval

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

**Plant Width:** 30-40 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:** 9/27/2018

**Plant Habit:** Round

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

**Plant Width:** 40-50 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:** Few 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:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 45-55 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:** Good

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/24/2017

**Plant Habit:** Round

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

**Plant Width:** 15-20 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:** Fair to 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 2008. Has apparent frost crack on SW side of trunk. Canopy is more open due to heavy snow in May 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:** 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:** 9/29/2018

**Plant Habit:** Round

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

**Plant Width:** 10-14 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 and lateral branches became dominant so 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:** 9/29/2018

**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/red

**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:** 9/27/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/24/2017

**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:** 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 3-5 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:** 9/24/2017

**Plant Habit:** Round to broad oval

**Plant Height:** 20-25 ft

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

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

**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:** 9/24/2017

**Plant Habit:** Broad oval

**Plant Height:** 20-25 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:** 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, 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:** Fall color

**Aesthetics:** Good

**Fall Color:** yellow

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

**Persistence:** 2-4 weeks

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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:** 9/24/2017

**Plant Habit:** Upright oval

**Plant Height:** 24-28 ft.

**Plant Width:** 14-20 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:** 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. 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:** 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:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 45-55 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:** 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:** 9/27/2018

**Plant Habit:** Broad oval

**Plant Height:** 20-30 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, 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 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:** 9/27/2018

**Plant Habit:** Broad oval

**Plant Height:** 30-40 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

**Aesthetics:** Good

**Fall Color:** Yellow

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

**Persistence:** 1-2 weeks

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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:** 9/24/2017  
**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. Storm damage has left some holes in the 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:** bright yellow

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

**Persistence:** 1-2 weeks

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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:** 9/27/2018

**Plant Habit:** Upright oval to round

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

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

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

**Foliage Color:** Dark red/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:** 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:** 9/27/2018

**Plant Habit:** Irregular to round

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

**Plant Width:** 30-35 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:** 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:**  
**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:** 9/29/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 20-27 ft.  
**Plant Width:** 20-25 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:** No

**Comments on plant:** Planted in 2004. One of two trees have about 40-70% of tree reverting to a solid green leaf and second tree had 100% reverted.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 pseudoplatanus **Variety:**  
**Cultivar:** **Family:** Aceraceae **Tsnum:** 15049  
**Common Name:** Sycamore Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** G3, SC02-01

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 10-15 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:** 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:** n/a

**Comments on plant:** Planted in 2016 and 2 more in 2018 - 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks

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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:** 9/27/2018  
**Plant Habit:** Upright oval or irregular  
**Plant Height:** 8-11 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:** 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 **Date of observation:** 10/21/2011  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Dark red

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**Scientific Name:** Acer rubrum **Variety:**  
**Cultivar:** Armstrong **Family:** Aceraceae **Tsnum:** 16020  
**Common Name:** Armstrong Red Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 12-18 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:** Shade tree, 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 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:** Acer rubrum **Variety:**  
**Cultivar:** Armstrong Gold **Family:** Aceraceae **Tsnum:** 13038  
**Common Name:** Armstrong Gold Red Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C13, G3

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Upright, narrow

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

**Plant Width:** 2 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

**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 2018 - 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 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:** 9/24/2017

**Plant Habit:** Round

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

**Plant Width:** 10-14 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.

**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:** rose, red, yellow

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Acer rubrum **Variety:**  
**Cultivar:** Frank Jr. **Family:** Aceraceae **Tsnum:** 15050  
**Common Name:** Redpointe Red Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC05-03

**Observation Date of Plant:** 9/29/2017  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 4-7 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, 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 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:** 10/12/2017  
**Aesthetics:** Good, moderate brightne **Persistence:** 1-2 weeks  
**Fall Color:** Red/orange

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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:** 9/29/2018

**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 to fair

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

**Overall Plant Health:** Good to 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 has reduced vigor probably due to circling/girdling roots.

**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:** 2-4 weeks

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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:** 9/24/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 30-35 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:** 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:** 9/27/2018

**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:** 9/24/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 6-12 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. Canker killed one branch which was about 5-10% of canopy 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:** 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:** 9/27/2018  
**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

**Aesthetics:** Good

**Fall Color:** Yellow

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

**Persistence:** 2-4 weeks



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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:** 9/24/2017

**Plant Habit:** Upright oval

**Plant Height:** 18-24 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:** 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 a nice 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:** Fall color **Date of observation:** 10/9/2017

**Aesthetics:** Excellent **Persistence:** 1-2 weeks

**Fall Color:** orange, yellow, slightly red on some edge

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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:** 9/27/2018

**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:** 9/27/2018

**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. It always has dependable performance through the years

**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:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 7-10 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:** 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 not active

**Disease Severity:** Moderate injury in past

**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:**  
**Cultivar:** Bailsta **Family:** Aceraceae **Tsnum:** 17002  
**Common Name:** Fall Fiesta® Sugar Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G4

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

**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:** 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 2018 - 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 saccharum **Variety:**  
**Cultivar:** Barrett Cole **Family:** Aceraceae **Tsnum:** 15051  
**Common Name:** Apollo Sugar Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C14, SC02-11

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 7-9 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:** 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 2018.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 50-60 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:** 9/24/2017  
**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 **Date of observation:** 10/12/2017  
**Aesthetics:** Excellent **Persistence:** 1-2 weeks  
**Fall Color:** orange, shades of red



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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:** 9/24/2017

**Plant Habit:** Round or vase

**Plant Height:** 12-17 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 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:** 10/12/2017

**Persistence:** 1-2 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:** 9/24/2017

**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:** 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:**

**Recommended:** Yes

**Comments on plant:** Attractive, dense growth habit. Lost one branch (10% of canopy) 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:** 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:** 9/27/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 40-45 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:** 9/24/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 10-20 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 is 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:** 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:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 14-18 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, 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:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 12-18 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

**Aesthetics:** Good

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

**Date of observation:** 9/30/2014

**Persistence:** 1-2 weeks

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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:** 9/24/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 10-14 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:** Residential street, specimen

**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:** Planted in 2011. Large canker on one branch causing one side to look a little thin but may recover.

**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:** 9/29/2018  
**Plant Habit:** Upright oval becoming round to irregular  
**Plant Height:** 12-20 ft.  
**Plant Width:** 15-20 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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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:** 9/24/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 8-12 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:** 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:** Excellent

**Fall Color:** Rosy red, bright

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks

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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:** 9/27/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 40-45 ft.  
**Plant Width:** 30-40 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:** Crowded by nearby plants

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** New growth is about 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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, AA12

**Observation Date of Plant:** 9/4/2018

**Plant Habit:** Columnar

**Plant Height:** 35-45 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 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

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

**Aesthetics:** Good

**Persistence:** 1-2weeks

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

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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:** 9/27/2018

**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. Has a 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:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Red

**Date of observation:** 10/10/2004

**Persistence:** 1-2 weeks

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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:** 9/27/2018

**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:** 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:**

**Plant Habit:** Upright oval  
**Plant Height:** 15-20 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:** 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:** 9/27/2018

**Plant Habit:** Columnar

**Plant Height:** 15-20 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:** 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:** 9/24/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 10-15 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

**Aesthetics:** Excellent

**Fall Color:** Mostly a nice rosy red

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks



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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:** 9/27/2018

**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:** 9/24/2017

**Plant Habit:** Irregular

**Plant Height:** 15-18 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:** 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:** 9/29/2018

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, small tree

**Overall Plant Health:** Fair

**Fruit Present:** Abundant

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of two has large canker affecting 50% of canopy but other tree looks good.  
Red samaras are very showy at peak.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/27/2018

**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:** 9/27/2018

**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 getting crowded by nearby trees. No sign of 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 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:** 9/29/2018

**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 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:** B12

**Observation Date of Plant:** 9/5/2018

**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 triflorum **Variety:**  
**Cultivar:** **Family:** Aceracea **Tsnum:** 16001  
**Common Name:** Three-flowered Maple  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** G4?

**Observation Date of Plant:** 9/5/2018

**Plant Habit:** Upright oval

**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:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shade tree, 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 2018. 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow, red

**Date of observation:** 10/4/2018

**Persistence:** 1-2 weeks



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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:** 9/24/2017  
**Plant Habit:** Upright oval to pyramidal  
**Plant Height:** 18-24 ft.  
**Plant Width:** 14-18 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, 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. Scion is flaring out over root stock graft.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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-KW187 **Family:** Sapindaceae **Tsnum:** 15063  
**Common Name:** Urban Sunset Maple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC01-12, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Dark green, glossy

**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:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2016 and another in 2017. Foliage color is very attractive. Tree planted in 2017 has some brown leaf margins and working on getting 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:** 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:** 7/26/2018

**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. Leaf color still looks good late in season of 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:** Acer truncatum x platanoides      **Variety:**  
**Cultivar:** JFS-KW249      **Family:** Aceraceae      **Tsnum:** 16016  
**Common Name:** Ruby Sunset Maple  
**Source:** J. Frank Schmidt and Son Co      **Quantity observed:** 2      **Location:** HG, SC03-05

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 7-10 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:** Shade tree, 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 2017 - 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 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:** 9/27/2018

**Plant Habit:** Round to broad oval

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

**Plant Width:** 40-50 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:** -0-  
**Cultivar:** Celebration **Family:** Aceraceae **Tsnum:** 90047  
**Common Name:** Celebration Maple  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C14, SC2-9

**Observation Date of Plant:** 9/29/2018  
**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. Second tree has less vigor possibly 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:** 10/9/2017  
**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:** 9/24/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 30-35 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:** 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:** bright, red

**Date of observation:** 10/9/2017

**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:** 9/24/2017

**Plant Habit:** Upright oval

**Plant Height:** 35-45 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:** 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:** 10/6/2017

**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:** 10/3/2018

**Plant Habit:** Round to irregular

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair to 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:** 8/30/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 20-25 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:** 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:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One specimen is crowded and would be wider if given the space. Lost 20% canopy due to storm damage in 2017.

**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 **Variety:**  
**Cultivar:** Early Glow **Family:** Sapindaceae **Tsnum:** 16003  
**Common Name:** Early Glow Ohio Buckeye  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A7, HG

**Observation Date of Plant:** 9/27/2018  
**Plant Habit:** Round, irregular  
**Plant Height:** 6-8 ft.  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 10-15 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 2017.

**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:** 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:** 9/4/2017  
**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

**Aesthetics:** Excellent

**Fall Color:** orange, red-orange

**Date of observation:** 10/19/2005

**Persistence:** 1-2 weeks

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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:** 9/4/2017

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/30/2017

**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

**Aesthetics:** Good

**Fall Color:** yellow

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

**Persistence:** 1-2 weeks

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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:** A7?, B7

**Observation Date of Plant:** 8/31/2017  
**Plant Habit:** Young, undefined, multistem  
**Plant Height:** 4-6 ft.  
**Plant Width:** 4-6 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, 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 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:** 8/31/2017

**Plant Habit:** Young, undefined

**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:** 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 but seems to be reestablishing vigor in 2017.

**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:** 8/30/2017  
**Plant Habit:** Young, undefined, multistemmed  
**Plant Height:** 5-6 ft.  
**Plant Width:** 8-10 ft.  
**Current Seasons Growth:** 10-15 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. 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 in 2015. Both are having trouble growing a central leader - both are floppy.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/3/2018

**Plant Habit:** Round

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

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

**Current Seasons Growth:** 4-8 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:** Fair

**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 although one tree had top 18 in. of central leader broken by very late snow in May 18, 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:** 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:** 10/3/2018

**Plant Habit:** Round

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

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

**Current Seasons Growth:** 6-12 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:** A7?, B7

**Observation Date of Plant:** 8/31/2017

**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:** 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. May be taller but had some snow breakage at top.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 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:* 9/23/2017  
*Plant Habit:* Upright oval  
*Plant Height:* 10-15 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 poor  
*Landscape Uses:* Specimen, wet areas

*Overall Plant Health:* 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:* Canker on trunk killed top half of tree but 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:** 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:** 9/23/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 15-20 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 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:** 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:** 10/8/2017

**Plant Habit:** Upright oval

**Plant Height:** 15-20 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:** 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:** Minor suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Vigor is very 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:** 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:** 9/23/2017

**Plant Habit:** Upright oval

**Plant Height:** 12-17 ft.

**Plant Width:** 8-12 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:** Specimen, wet areas

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf spot

**Disease Severity:** Moderate injury

**Cultural Problems:** Probably requires more irrigation.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Looks better than most years as it still has foliage.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/8/2017  
**Plant Habit:** Upright oval and somewhat irregular  
**Plant Height:** 22-28 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, wet areas

**Overall Plant Health:** Good  
**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.

**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:** 10/26/2017  
**Aesthetics:** Poor **Persistence:**  
**Fall Color:** Still very green

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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:** 9/5/2017

**Plant Habit:** Upright oval

**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:** Shrub border, wildlife, specimen

**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 Fall 2016. Canopy is very thin from unknown cause. May need 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:** 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:** 9/4/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 10-15 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:** 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:** 10/3/2018

**Plant Habit:** Upright oval to round

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

**Plant Width:** 8-12 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:** Canker

**Disease Severity:** Severe on one of two trees.

**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

**Aesthetics:** Good

**Fall Color:** Red/bronze

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

**Persistence:** 1-2 weeks

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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:** 9/13/2017

**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:** Fair to good

**Landscape Uses:** Wildlife, 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:** Severe suckering on single stem form.

**Recommended:** Yes

**Comments on plant:** Birds make fruit disappear quickly. One of two trees seems moderately chlorotic from unknown cause.

**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:** 9/5/2017  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 18-25 ft.  
**Plant Width:** 30-37 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, small/confined areas

**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:** Seems to be moderately chlorotic from unknown cause.

**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:** 10/3/2018

**Plant Habit:** Round

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

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 1 **Location:** B1

**Observation Date of Plant:** 9/4/2017

**Plant Habit:** Upright oval to irregular

**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:** 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.

**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:** 10/12/2017

**Persistence:** 1-2 weeks



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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:** 10/3/2018

**Plant Habit:** Round

**Plant Height:** 8-13 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:** Fair

**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:** Would be in better health if not severely vandalized in 2005. One of two looks fair and starting to lean a lot.

**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:** 10/3/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 6-9 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:** Did not get staked properly and has a significant lean to one side.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** 75% of canopy vandalized in 2005 but has recovered 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:** 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:** 10/4/2018

**Plant Habit:** Upright oval

**Plant Height:** 10-12 ft.

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

**Current Seasons Growth:** 5-8 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:** 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:** Amelanchier lamarckii **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 07070  
**Common Name:** Serviceberry  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** A1

**Observation Date of Plant:** 8/30/2017

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** 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 and is a little 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:** 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:** 9/5/2017

**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:** Fair

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

**Overall Plant Health:** Fair

**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. Seems to be moderately chlorotic from unknown cause.

**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:** 8/28/2017

**Plant Habit:** Upright oval

**Plant Height:** 1-2 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 3-4 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 but one 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:**

**2018 Woody Plant Evaluations**  
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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:** 9/4/2017  
**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:** 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:** Both seem unusually chlorotic from unknown cause.

**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

**Aesthetics:** Good

**Fall Color:** yellow, rose, red

**Date of observation:** 10/14/2013

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations  
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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:* 9/4/2017

*Plant Habit:* Upright oval to round

*Plant Height:* 8 - 10 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:* 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:* Has a bad lean to it. Slight suckering. Entire tree is slightly chlorotic but vigor seems to have improved in 2017.

*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:* 10/12/2017

*Aesthetics:* Excellent

*Persistence:* 1-2 weeks

*Fall Color:* orange, red





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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:* 9/4/2017  
*Plant Habit:* Upright oval  
*Plant Height:* 8 - 12 ft.  
*Plant Width:* 8-10 ft.  
*Current Seasons Growth:* 2-4 in.

*Foliage Color:* Medium green  
*Bark Characteristics:* Unimportant  
*Plant Summer Texture:* Medium  
*Aesthetic Plant Quality:* Fair  
*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:* Marginal  
*Comments on plant:* Vigor is low. May grow wider with more space.

*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

**2018 Woody Plant Evaluations**  
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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:** 10/2/2018

**Plant Habit:** Upright, irregular

**Plant Height:** 3 - 4 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 to fair

**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 survived a similar winter without significant dieback. One plant has low vigor.

**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:**

**2018 Woody Plant Evaluations**  
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---

**Scientific Name:** Amorpha fruticosa **Variety:**  
**Cultivar:** **Family:** Fabaceae **Tsnum:** 97248  
**Common Name:** Indigobush Amorpha  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Irregular

**Plant Height:** 2 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:** Specimen, xeriscape, 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:** Yes

**Comments on plant:** Rejuvenated in 2009. Would probably due to 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:**

**2018 Woody Plant Evaluations**  
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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:** 10/1/2018

**Plant Habit:** Broad oval

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

**Plant Width:** 8-10 ft

**Current Seasons Growth:** 3-4 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:** Good

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Arctostaphylos x coloradoensis      **Variety:**  
**Cultivar:**      **Family:** Ericaceae      **Tsnum:** 14102  
**Common Name:** Mock-bearberry Manzanita  
**Source:** Garden and Home Show      **Quantity observed:** 1      **Location:** G0

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Spreading

**Plant Height:** 1 ft.

**Plant Width:** 2-3 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:** 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:** 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:** 10/8/2017

**Plant Habit:** Young, undefined

**Plant Height:** 2 ft.

**Plant Width:** 2-3 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:** Would probably look better with less 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/8/2017

**Plant Habit:** Spreading

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

**Plant Width:** 2-3 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:** Would probably look better with less 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:**

**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:** 9/4/2017

**Plant Habit:** Upright oval

**Plant Height:** 3-4 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 1-5 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:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2013. Most look leggy and lacks vigor after 4 years in ground.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/2/2017

**Plant Habit:** Young, undefined

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

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

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

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, 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 Fall 2016. Look 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:** 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:** 8/29/2017

**Plant Habit:** broad oval to round

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

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

**Current Seasons Growth:** 4-6 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:** Few fruit

**Fruit Color:** Black

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**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 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:** 10/2/2017

**Plant Habit:** Broad oval

**Plant Height:** 9-13 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:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Red/orange

**Date of observation:** 10/12/2017

**Persistence:** 1-2 weeks

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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:** 10/9/2017  
**Plant Habit:** Creeping (ground cover)  
**Plant Height:** 0.5 - 1.5 ft.  
**Plant Width:** 3 - 4 ft.  
**Current Seasons Growth:** 6 - 12 in.

**Foliage Color:** Gray  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Ground cover, specimen, xeriscape, 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:** Yes

**Comments on plant:** Moved in 2017 due to unavoidable construction but usually looks 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:** 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:** 9/27/2018

**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 maturing to bright 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:** Just planted in 2015. Tiny, still trying 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:** 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:** 9/27/2018

**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:** Poor

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Few

**Fruit Color:** Red, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Rejuvenated in 2011. Both have 50% 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:* 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:* 9/27/2018

*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:* Fall color

*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:** 2 **Location:** D9

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Round

**Plant Height:** 2-4 ft.

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

**Current Seasons Growth:** 6-9 in.

**Foliage Color:** Red outer foliage turning to green on the inner foliage

**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:**

**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:** 9/27/2018

**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:** Fall color

**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:**  
**Cultivar:** Bailone **Family:** Berberidaceae **Tsnum:** 95033  
**Common Name:** Ruby Carousel Barberry  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D9

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Arching, upright oval

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

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

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

**Foliage Color:** Red fading to 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

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Canopy has 10-15% dead twigs probably due to old 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:** 10/21/2003

**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:** 9/27/2018

**Plant Habit:** Upright, irregular

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

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

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

**Foliage Color:** Red

**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, 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:** 9/27/2018

**Plant Habit:** Broad oval

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

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

**Current Seasons Growth:** 4-6 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:** 9/27/2018  
**Plant Habit:** Arching, broad oval to round  
**Plant Height:** 4-6 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:** 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:** Fall color **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:** 9/27/2018

**Plant Habit:** Broad oval to irregular

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

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

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

**Foliage Color:** Dark 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:** 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.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:**  
**Cultivar:** Goruzam **Family:** Berberidaceae **Tsnum:** 18052  
**Common Name:** Golden Ruby® Barberry  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** C8

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Round

**Plant Height:** 12 in.

**Plant Width:** 12 in.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Dark red with bright green edge matures 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** 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:** 9/27/2018

**Plant Habit:** Broad oval

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

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

**Current Seasons Growth:** 4 - 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. Might be wider if not for being 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

**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:** 1 **Location:** C8

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 1 ft.

**Plant Width:** .5 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:** Marginal

**Comments on plant:** Planted in 2015. One of two failed to establish.

**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:** 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:** 9/27/2018

**Plant Habit:** Round, arching

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

**Plant Width:** 8-10 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

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**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:** 9/27/2018

**Plant Habit:** Round

**Plant Height:** 1-1.5 ft.

**Plant Width:** 1-1.5 ft.

**Current Seasons Growth:** 2 in.

**Foliage Color:** Yellow maturing to bright 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. Very 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Red

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks

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**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:** 9/27/2018

**Plant Habit:** Upright

**Plant Height:** 1.5 - 2.5 ft.

**Plant Width:** 1.5 - 2 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Lighter green inner foliage with very light yellow/green 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:**

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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:** 2 **Location:** C8

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright arching

**Plant Height:** 3-4 ft.

**Plant Width:** 2-4 ft.

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

**Foliage Color:** Reddish/orange

**Bark Characteristics:** Unimportant, spines

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, barrier plant

**Overall 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:** 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:** 9/27/2018

**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:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, barrier plant

**Overall 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

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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:** 2 **Location:** C8, C9

**Observation Date of Plant:** 9/27/2018

**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:** Fair

**Landscape Uses:** Barrier (thorns), Specimen, Shrub border

**Overall Plant Health:** Fair

**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. One of two plants has a lot of dead twigs (20% 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:** Red

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks



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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:** 9/27/2018

**Plant Habit:** Upright, arching

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

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

**Current Seasons Growth:** 4-7 in.

**Foliage Color:** Dark red

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few

**Fruit Color:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Vigor is low and about 50% of canopy did not leaf out this 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:**

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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:** 9/27/2018

**Plant Habit:** Round

**Plant Height:** 1-22 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 1 in.

**Foliage Color:** Predominantly red fading to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**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 arboretum in 2003. Still fairly small and very low vigor this 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:**

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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:** 9/27/2018

**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:** 2 **Location:** C8

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Columnar

**Plant Height:** 3-4 ft.

**Plant Width:** 12 in.

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

**Foliage Color:** Dark red and dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**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:** Marginal

**Comments on plant:** Planted in 2011. Vigor possibly would improve in irrigated landscape. Only one looks acceptable. Second plant has 40% 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:** 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:** 10/8/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 30-37 ft.

**Plant Width:** 30--37 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:** 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

**Aesthetics:** Good

**Fall Color:** Yellow

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

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations  
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---

**Scientific Name:** Betula papyrifera **Variety:**  
**Cultivar:** Renci **Family:** Betulaceae **Tsnum:** 16014  
**Common Name:** Renaissance Reflection Birch  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shade tree, 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 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:** Betula papyrifera **Variety:**  
**Cultivar:** Varen **Family:** Betulaceae **Tsnum:** 15052  
**Common Name:** Prairie Dream Birch  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 5-7 ft.

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

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, wet areas , 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 2017 - 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/8/2018

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations**  
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---

**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:** 10/8/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 15-20 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, 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. Central leader is flopping to one side on one of two trees probably due to heavy snow in May 2017.

**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:** 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:** 9/30/2017

**Plant Habit:** Upright oval

**Plant Height:** 22-28 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:**

**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:** 9/4/2017

**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:** 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

**Aesthetics:** Good

**Fall Color:** pale golden yellow

**Date of observation:** 10/20/2017

**Persistence:** 1-2 weeks

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---

**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:** 10/8/2017

**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:** Fine

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen, xeriscape, shrub border, butterflies

**Overall 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:**

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---

**Scientific Name:** Buxus **Variety:**  
**Cultivar:** Arctic Emerald **Family:** Buxaceae **Tsnum:** 14076  
**Common Name:** Arctic Emerald Boxwood  
**Source:** The Conard Pyle Co. **Quantity observed:** 6 **Location:** CFA

**Observation Date of Plant:** 10/3/2018

**Plant Habit:** Young, undefined

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

**Plant Width:** 1 ft.

**Current Seasons Growth:** 2-3 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** 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 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:** 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:** 9/27/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 5-8 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

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---

**Scientific Name:** Buxus **Variety:**  
**Cultivar:** Highlander **Family:** Buxaceae **Tsnum:** 13074  
**Common Name:** Highlander Boxwood  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** CFA

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young undefined

**Plant Height:** 1 ft.

**Plant Width:** 8 in.

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

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**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:** n/a

**Comments on plant:** Planted in 2017. 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:** Buxus **Variety:**  
**Cultivar:** Little Missy **Family:** Buxaceae **Tsnum:** 13075  
**Common Name:** Little Missy Boxwood  
**Source:** The Conard Pyle Co. **Quantity observed:** 2 **Location:** CFA

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young undefined

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Good

**Aesthetic Plant Quality:** 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 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:** 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:** 11/6/2018

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 4-6 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:** 10/8/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 3-4.5 ft.

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

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

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Excellent

**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:** Foliage is still a good dark green color even in January.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/1/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/27/2018

**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:** 9/27/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 5-6 ft.  
**Plant Width:** 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 sempervirens **Variety:**  
**Cultivar:** Monrue **Family:** Buxaceae **Tsnum:** 17093  
**Common Name:** Green Tower® Boxwood  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** CFA

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Columnar

**Plant Height:** 4 ft.

**Plant Width:** 1 ft.

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

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, hedge

**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 2017 - 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:** Buxus x  
**Cultivar:** Arctic Emerald      **Family:** Buxaceae      **Variety:**  
**Common Name:** Arctic Emerald Boxwood      **Tsnum:** 07004  
**Source:** The Conard Pyle Co.      **Quantity observed:** 1      **Location:** CFA

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Upright oval

**Plant Height:** 1-2 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 2-3 in

**Foliage Color:** Dark 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:** n/a

**Comments on plant:** Planted in 2017 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:** Buxus x  
**Cultivar:** Big Leaf  
**Common Name:** Bigleaf Boxwood  
**Source:** The Conard Pyle Co.

**Family:** Buxaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 07005  
**Location:** CFA

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Upright oval

**Plant Height:** 1-2 ft.

**Plant Width:** 10 in.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Dark 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:** n/a

**Comments on plant:** Planted in 2017 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:** Buxus x  
**Cultivar:** Conrowe  
**Common Name:** Gordo Boxwood  
**Source:** The Conard Pyle Co.

**Family:** Buxaceae  
**Quantity observed:** 6

**Variety:**  
**Tsnum:** 14077  
**Location:** CFA

**Observation Date of Plant:** 10/3/2018  
**Plant Habit:** Young, undefined  
**Plant Height:** 12-18 in.  
**Plant Width:** 1 ft.  
**Current Seasons Growth:** 2-3 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** 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 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:** Buxus x  
**Cultivar:** Green Gem  
**Common Name:** Green Gem Boxwood  
**Source:** Carlton Plants

**Family:** Buxaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 07071  
**Location:** CFA

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 2 ft.

**Plant Width:** 18 in.

**Current Seasons Growth:** 3-4 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:** Very uniform growth habit. 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:** 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:** 9/27/2018

**Plant Habit:** Broad oval, irregular

**Plant Height:** 3-4 ft.

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

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**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:** Buxus x  
**Cultivar:** Krazgreen  
**Common Name:** Green Ice Boxwood  
**Source:** The Conard Pyle Co.

**Family:** Buxaceae  
**Variety:**  
**Tsnum:** 07003

**Quantity observed:** 1  
**Location:** CFA

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Columnar

**Plant Height:** 3 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 3-6 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 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:** 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:** 10/1/2018  
**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 **Date of observation:** 9/20/2004  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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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:** 10/1/2018

**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:** 10/4/2018

**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:** 10/2/2018

**Plant Habit:** Upright oval

**Plant Height:** 3-5 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:** 10/1/2018

**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

**Aesthetics:** Fair

**Fall Color:** Yellow

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

**Persistence:** 2-4 weeks



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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:** 10/1/2018

**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:** F4, F5

**Observation Date of Plant:** 9/15/2017

**Plant Habit:** Columnar

**Plant Height:** 8-12 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:** 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:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/26/2017

**Persistence:** 1-2 weeks

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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:** 10/2/2017

**Plant Habit:** Upright oval, multistem

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

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

**Current Seasons Growth:** 12-24 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:** Growth habit deformed by earlier canker and subsequent pruning but looking fairly normal by 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:** Carpinus betulus **Variety:**  
**Cultivar:** JFS-KW1CB **Family:** Betulaceae **Tsnum:** 16021  
**Common Name:** Emerald Avenue Hornbeam  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** F4, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 3-5 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, confined 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 2017 - 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:** 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:** 9/23/2017

**Plant Habit:** Round, slightly weeping

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

**Plant Width:** 15-20 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 - especially as it gets older.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/8/2017

**Plant Habit:** Round

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

**Plant Width:** 20-30 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:** 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:** 9/5/2017

**Plant Habit:** Columnar

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

**Plant Width:** 2-4 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:** 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:** Fall color

**Aesthetics:** Excellent

**Fall Color:** Yellow, orange, red

**Date of observation:** 10/26/2017

**Persistence:** 1-2 weeks

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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:** 9/5/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 3-4 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

**Overall 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:** 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:** C4, C5

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Upright oval

**Plant Height:** 1

**Plant Width:** 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 2012. 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:** 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:** 10/3/2018  
**Plant Habit:** Young, undefined  
**Plant Height:** 6 ft.  
**Plant Width:** 3 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, 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 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:** 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:** 10/2/2018

**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:** 10/4/2018

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

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

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

**Foliage Color:** Medium green with gray underside

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Moderate amount

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Vigor may improve if not crowded by nearby plants.

**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:** -0-  
**Cultivar:** Dark Knight **Family:** Verbenaceae **Tsnum:** 88156  
**Common Name:** Dark Knight Blue-mist Spiraea  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** F6

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Broad oval

**Plant Height:** 2-4 ft.

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

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

**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:** 8/29/2016

**Flower Color:** Lavender/dark blue

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 50-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** 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:** 10/4/2018

**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:** 85024  
**Common Name:** Chinese Catalpa  
**Source:** US Nat'l Arboretum **Quantity observed:** 2 **Location:** E1

**Observation Date of Plant:** 10/8/2017

**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 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:** 9/15/2017

**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:**

**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:** 9/15/2017

**Plant Habit:** Upright oval

**Plant Height:** 50-60 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:** 2 **Location:** SC-11-11, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval or irregular

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

**Plant Width:** 4-6 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, 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 2016 and another in 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:** 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:** 9/13/2017

**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:** Catalpa x erubescens **Variety:**  
**Cultivar:** Purpurea **Family:** Bignoniaceae **Tsnum:** 02022  
**Common Name:** Purple Catalpa  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** DH

**Observation Date of Plant:** 9/28/2017

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Dark purple early then changing to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shade tree

**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:** Vigor seems to be a little low but in a fairly dry 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:** 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:** 9/5/2018

**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:** 9/5/2018

**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:** 10/4/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 4-7 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, specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Nipple gall

**Pest Severity:** Slight

**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:** 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:** 9/28/2018

**Plant Habit:** Upright oval

**Plant Height:** 10-14 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:** 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:** 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:** 10/3/2018  
**Plant Habit:** Upright oval or irregular  
**Plant Height:** 12-18 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 12-24 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:** Marginal

**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:** 10/3/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 1 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:** 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 14 ft. tall.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/1/2018

**Plant Habit:** Upright oval

**Plant Height:** 30-40 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:** 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:** 10/3/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 7-10 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, 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:**  
**Cultivar:** JFS-KSU1 **Family:** Cannabaceae **Tsnum:** 14019  
**Common Name:** Prairie Sentinel Hackberry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G...

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Vase

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

**Plant Width:** 3-4 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, confined areas, street tree

**Overall Plant Health:** Good

**Fruit Present:** none

**Fruit Color:**

**Insect Pests:** Gall

**Pest Severity:** Minor

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2018 - too soon to recommend. Some branches flop to the side.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/2/2018

**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:** 10/3/2018

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**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 2014. No nipple galls which is a big advantage. Vigor is much better than 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:** Celtis reticulata **Variety:**  
**Cultivar:** Ames 8439 **Family:** Betulaceae **Tsnum:** 07088  
**Common Name:** Ames 8439 Hackberry  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** G...

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Young, undefined

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

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

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen; shade tree

**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 2018 - 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:** Celtis reticulata **Variety:**  
**Cultivar:** Ames 8439 **Family:** Betulaceae **Tsnum:** 07088  
**Common Name:** Ames 8439 Hackberry  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** G6

**Observation Date of Plant:** 10/4/2018

**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

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Gall

**Pest Severity:** Minor

**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:** Cephalanthus occidentalis **Variety:**  
**Cultivar:** **Family:** Rubiaceae **Tsnum:** 18021  
**Common Name:** Buttonbush  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** F7

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Young, undefined

**Plant Height:** 3-4 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, 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 2018 - 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:** 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:** 10/2/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 6-8 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, 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:** 10/9/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 20-30 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:** Excellent

**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 at leaf drop 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:** Fall color

**Aesthetics:** Fair to good

**Fall Color:** Yellow

**Date of observation:** 10/26/2017

**Persistence:** 1-2 weeks

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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:** 10/9/2017  
**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:** 9/13/2017

**Plant Habit:** Weeping

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

**Plant Width:** 5-7 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

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2010. Has some dieback (25-40% of top) in the past from unknown cause but suspect canker. Remaining part 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:** 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:** 9/29/2018  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 8-10 ft.  
**Plant Width:** 10-15 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

**Overall 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:** Appalachian Red **Family:** Fabaceae **Tsnum:** 15054  
**Common Name:** Appalachian Red Redbud  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C8

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Round

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

**Plant Width:** 6-8 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, confined 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 2017 - 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:** 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:** 9/29/2018

**Plant Habit:** Upright, irregular

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

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

**Current Seasons Growth:** 20-30 in.

**Foliage Color:** New growth is yellow and then matures to mostly a light or medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**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:** 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:** Cercis canadensis **Variety:**  
**Cultivar:** Pink Pom Poms **Family:** Fabaceae **Tsnum:** 18004  
**Common Name:** Pink Pom Poms Eastern Redbud  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C8

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young, undefined

**Plant Height:** 8-10 ft

**Plant Width:** 3-4 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

**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 2018 - 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:** 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, D5

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Round

**Plant Height:** 7-9 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:** 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 canadensis **Variety:**  
**Cultivar:** Ruby Falls **Family:** Fabaceae **Tsnum:** 18005  
**Common Name:** Ruby Falls Redbud  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** C8

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Weeping

**Plant Height:** 6 ft

**Plant Width:** 3-4 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

**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 2018 - 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:** Cercis chinensis **Variety:**  
**Cultivar:** Avondale **Family:** Fabaceae **Tsnum:** 16005  
**Common Name:** Avondale Redbud  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** C8

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Young undefined

**Plant Height:** 5 ft.

**Plant Width:** 2-4 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, 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:** Fall color

**Aesthetics:** fair

**Fall Color:** yellow

**Date of observation:** 11/8/2016

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Cercocarpus brevifolius **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 97260  
**Common Name:** Mountain Mahogany  
**Source:** Fort Collins Nursery **Quantity observed:** 4 **Location:** C0, B0, G0

**Observation Date of Plant:** 9/4/2017

**Plant Habit:** Upright oval

**Plant Height:** 5-9 ft.

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

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

**Foliage Color:** Medium to dark 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:** Few fruit

**Fruit Color:** Grey - not showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Appears to be semi-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 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:** 10/8/2017

**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:** May grow larger 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:** Cercocarpus intricatus **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 16108  
**Common Name:** Little Leaf Mountain Mahogany  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** A0

**Observation Date of Plant:** 8/29/2017

**Plant Habit:** Upright oval

**Plant Height:** 1-2 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 1-2 inches

**Foliage Color:** Gray green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Xeric landscape, 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 fall 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:** Cercocarpus intricatus **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 14101  
**Common Name:** Little Leaf Mountain Mahogany  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** B0

**Observation Date of Plant:** 10/2/2017

**Plant Habit:** Young, undefined

**Plant Height:** 2 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Shrub border, xeriscape

**Overall Plant Health:** Poor to 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 Fall 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:** 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:** 10/2/2017

**Plant Habit:** Irregular, upright

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

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

**Current Seasons Growth:** 6-10 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:** 10/2/2017

**Plant Habit:** Irregular to broad oval

**Plant Height:** 8 - 10 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:** Fair

**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:** Other plants block irrigation.

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** 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:** 9/4/2017

**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 chlorosis due to unknown cause.

**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:** 10/2/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 4-6 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:** 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:** 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:** 9/14/2017

**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:**

**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:** 1 **Location:** G1

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 8-14 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. Old flowers persist and can become unattractive.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/31/2017

**Plant Habit:** Upright irregular

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

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

**Current Seasons Growth:** 6-12 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 and is more multistem.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Chionanthus retusus **Variety:**  
**Cultivar:** Tokyo Tower **Family:** Oleaceae **Tsnum:** 18006  
**Common Name:** Tokyo Tower Fringetree  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** C8, SC04-02

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young, undefined

**Plant Height:** 7 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:** 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 2018 - 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:** 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:** 8/31/2017

**Plant Habit:** Upright

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

**Plant Width:** 8-10 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, 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:** Two of three plants have much weaker growth. 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 kentukea **Variety:**  
**Cultivar:** Perkins Pink **Family:** Fabaceae **Tsnum:** 08023  
**Common Name:** Pink Flowering Yellowwood  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** D6

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 15-25 ft.  
**Plant Width:** 15-20 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, 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:**

**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:** 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:** 9/30/2018

**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:** 10/3/2018  
**Plant Habit:** Upright oval becoming irregular  
**Plant Height:** 8-12 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:** 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/11/2017

**Persistence:** 1-2 weeks

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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:** 9/5/2018

**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 from nearby plants

**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 alba **Variety:** -0-  
**Cultivar:** Sibirica **Family:** Cornaceae **Tsnum:** 93087  
**Common Name:** Siberian Dogwood  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** AA12

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Irregular to broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 6-8 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, 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:** Rejuvenated in 2017.

**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:** 9/27/2018  
**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 had 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/re



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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:** 7/26/2018

**Plant Habit:** Upright, irregular

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

**Plant Width:** 5-8 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:** Marginal

**Comments on plant:** Slow to gain vigor but may have turned corner in 2016. Planted in 2009. Growth habit is leggy but foliage 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 7/26/2018

**Plant Habit:** Broad oval

**Plant Height:** 5-8 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, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Green

**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:** 9/27/2018

**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:** 1 **Location:** CFA

**Observation Date of Plant:** 9/28/2018  
**Plant Habit:** Broad oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 18-25 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:** Specimen

**Overall Plant Health:** 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:** Moved in 2016 due to unavoidable construction so vigor is lower in 2017 and 201  
**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:** 9/27/2018

**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:** 1 of 3 plants is getting shaded out by neighboring plants

**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 drummondii **Variety:**  
**Cultivar:** **Family:** Cornaceae **Tsnum:** 03150  
**Common Name:** Dogwood  
**Source:** Texas **Quantity observed:** 1 **Location:** AA13

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 5-6 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

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 7/26/2018  
**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 with a shade of yellow  
**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:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 5-7 ft.

**Plant Width:** 3-4 ft.

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

**Foliage Color:** Light 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. Foliage 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:**

**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:** 9/27/2018

**Plant Habit:** Upright, irregular

**Plant Height:** 5-9 ft.

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** 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:** 9/27/2018

**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 officinalis **Variety:**  
**Cultivar:** **Family:** Cornaceae **Tsnum:** 11001  
**Common Name:** Japanese Cornelian Cherry  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** AA14

**Observation Date of Plant:** 9/27/2018  
**Plant Habit:** Round  
**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:** Medium  
**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:** Inadequate irrigation at edge of arboretum where irrigation is less uniform.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Would probably look better with more irrigation and 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:** 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:** 7/26/2018

**Plant Habit:** Broad oval to irregular

**Plant Height:** 4-7 ft.

**Plant Width:** 8-14 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:** 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:** 80398  
**Common Name:** Gray Dogwood  
**Source:** Unknown **Quantity observed:** 2 **Location:** A14

**Observation Date of Plant:** 9/27/2018  
**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:** -0-  
**Cultivar:** -0- **Family:** Cornaceae **Tsnum:** 91113  
**Common Name:** Gray Dogwood  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** AA14

**Observation Date of Plant:** 9/27/2018  
**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:** Fair  
**Fruit Present:** Abundant fruit  
**Fruit Color:** White  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:** Canker  
**Disease Severity:** Slight to moderate  
**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:**  
**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:** 7/26/2018

**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:** Green becoming 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 but getting crowded by nearby plants so would probably be wider with more space.

**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:** 9/5/2018

**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:** 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:** 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:** 9/27/2018

**Plant Habit:** Upright oval to round

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

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 7/26/2018

**Plant Habit:** Broad oval

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

**Plant Width:** 8-12 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

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** White

**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:** 2 **Location:** AA14

**Observation Date of Plant:** 9/27/2018

**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 colored 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:** -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:** 9/27/2018

**Plant Habit:** Mounding to broad oval

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

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

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

**Foliage Color:** Medium to dark 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:**

**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:** 7/26/2018  
**Plant Habit:** Broad oval  
**Plant Height:** 4-6 ft.  
**Plant Width:** 10-14 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:** Very few  
**Fruit Color:** White  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Yes  
**Comments on plant:** Has a slight red blush to stems and twigs.

**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 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:** 7/26/2018

**Plant Habit:** Round

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

**Plant Width:** 6-8 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:** Cornus x kousa **Variety:**  
**Cultivar:** KN 30-8 **Family:** Cornaceae **Tsnum:** 15055  
**Common Name:** Venus Dogwood  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** A14

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Young, undefined

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

**Plant Width:** 3-4 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, confined areas

**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:** n/a

**Comments on plant:** Planted in 2017 - 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:** *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:** 10/8/2017

**Plant Habit:** Round or 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. 15-25% of canopy is dead from canker.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/8/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 2-4 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 to good

**Fruit Present:** Few

**Fruit Color:** Green turning to tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**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 colurna **Variety:**  
**Cultivar:** **Family:** Betulaceae **Tsnum:** 96134  
**Common Name:** Turkish Filbert  
**Source:** Schichtel's Nursery **Quantity observed:** 1 **Location:** F5

**Observation Date of Plant:** 9/5/2017

**Plant Habit:** Upright oval, narrow

**Plant Height:** 30-40 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:** 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/26/2017

**Persistence:** 1 week

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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:** 1 **Location:** C4

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Irregular

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

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**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:** 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:** 9/23/2017

**Plant Habit:** Irregular

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

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

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

**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:** 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. Both look a little leggy and would probably look better with full sun.

**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 coggygria **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:** 9/23/2017

**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.

**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:** 9/23/2017

**Plant Habit:** Irregular to broad oval

**Plant Height:** 1-2 ft.

**Plant Width:** 10-15 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:** 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:** 9/23/2017

**Plant Habit:** Irregular

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

**Plant Width:** 15 - 25 ft.

**Current Seasons Growth:** 20-30 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 very leggy over time. Starting to flop and take up a lot of space.

**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:** 9/23/2017

**Plant Habit:** Irregular

**Plant Height:** 10-12 ft.

**Plant Width:** 15-25 ft.

**Current Seasons Growth:** 1-3 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 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:** 9/5/2018  
**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 2018 one of two died suffered severe damage by deer 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:** 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:** 10/9/2017  
**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.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/9/2017

**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 2018 one of two heavily grazed by deer 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:** Cotinus obovatus **Variety:**  
**Cultivar:** **Family:** Anacardiaceae **Tsnum:** 94043  
**Common Name:** American Smoketree  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C4

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 15-25 ft.

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

**Foliage Color:** Medium blue/green

**Bark Characteristics:** Important

**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:** Cotoneaster apiculatus **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 12018  
**Common Name:** Cranberry Cotoneaster  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** A1

**Observation Date of Plant:** 8/28/2017

**Plant Habit:** Spreading

**Plant Height:** 6-12 in.

**Plant Width:** 2-4 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, ground cover

**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. Two of three have over 50% dieback probably from sudden temperature drop and were removed in 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:** 8/30/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 7-10 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:** 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, B1

**Observation Date of Plant:** 10/2/2017

**Plant Habit:** Round to broad oval

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

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

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

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/28/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 18-24 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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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:** 8/30/2017

**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:** 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:** Yes

**Comments on plant:** Appearance would probably improve with full sun but starting to get shaded from nearby trees.

**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:** 8/30/2017

**Plant Habit:** Upright oval

**Plant Height:** 5-7 ft.

**Plant Width:** 5-8 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. One of three is in shade and is half as big as the other 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:* Cotoneaster moupinensis                                  *Variety:* -0-  
*Cultivar:* -0-                                                                  *Family:* Rosaceae                                                                  *Tsnum:* 78152  
*Common Name:* Cotoneaster  
*Source:* USDA/NC-7                                                          *Quantity observed:* 1    *Location:* A2

*Observation Date of Plant:* 8/30/2017  
*Plant Habit:* Broad oval  
*Plant Height:* 6-8 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:* Good  
*Landscape Uses:* Specimen, shrub border, wildlife

*Overall Plant Health:* Good  
*Fruit Present:* Few fruit  
*Fruit Color:* Dark purple/black  
*Insect Pests:* Scale  
*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:*                                                                  *Date of observation:*  
*Aesthetics:*                                                                                                          *Persistence:*  
*Fall Color:*

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 10/8/2017

**Plant Habit:** Irregular

**Plant Height:** 7-8 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:** 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

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 8/29/2017

**Plant Habit:** Broad oval or irregular

**Plant Height:** 4-5.5 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/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Growth habit is not very uniform but may look better as it matures.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2018 Woody Plant Evaluations**  
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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:** 10/2/2017

**Plant Habit:** Round to broad oval

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

**Plant Width:** 10-14 ft

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

**Foliage Color:** Medium to 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

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Severe mealy bug problem in past but was treated with Safari and looks much better since 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

**Date of observation:** 10/13/2017

**Aesthetics:** Fair to good

**Persistence:** 1-2 weeks

**Fall Color:** Golden yellow, some red

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 10/9/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 10-12 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, small/confined areas, barrier plant

**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:**

**2018 Woody Plant Evaluations**  
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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:** 8/28/2017

**Plant Habit:** Round to broad oval

**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:** 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. Some inner branches getting shaded out.

**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:** 1 **Location:** B0

**Observation Date of Plant:** 9/15/2017  
**Plant Habit:** Irregular to broad oval, multistemmed  
**Plant Height:** 20-25 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:** 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:** 10/11/2017  
**Aesthetics:** Fair **Persistence:** 1-2 weeks  
**Fall Color:** golden yellow

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 8/30/2017  
**Plant Habit:** Round or possibly pyramidal  
**Plant Height:** 15-20 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 bit a little thin in the shaded areas.

**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:** 10/4/2018

**Plant Habit:** Broad spreading

**Plant Height:** 7 - 10 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, red

**Date of observation:** 10/22/2018

**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:** 1 **Location:** A2

**Observation Date of Plant:** 8/30/2017

**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:** 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:** Red

**Insect Pests:** Mealy bugs, aphids

**Pest Severity:** Moderate injury

**Plant Disease:** Rust

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Slight suckering. Cherry red fruit is showy. Would probably look better with full sun but getting shaded out by nearby trees.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/29/2017

**Plant Habit:** Upright oval to irregular

**Plant Height:** 20-27 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:** Wildlife, specimen

**Overall Plant Health:** Fair to good

**Fruit Present:** Moderate fruit

**Fruit Color:** Red, showy

**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:**

**2018 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:** 8/28/2017

**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:**

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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:** 8/29/2017

**Plant Habit:** Broad oval, multi-stem

**Plant Height:** 12-16 ft.

**Plant Width:** 20-25 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, small/confined areas

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit

**Fruit Color:** Red, showy

**Insect Pests:** Mealy bugs

**Pest Severity:** Moderate injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** 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:** 10/4/2018

**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

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

**Aesthetics:** Fair

**Persistence:** 1-2 weeks

**Fall Color:** Yellow



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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:** 8/28/2017

**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:** 10/3/2018

**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:**

**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:**



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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:** 8/30/2017

**Plant Habit:** Upright oval

**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 to poor

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**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 and 20% dieback from unknown cause but vigor improved 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:** 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:** 10/4/2018

**Plant Habit:** Upright oval to round

**Plant Height:** 12-17 ft.

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

**Current Seasons Growth:** 10-14 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

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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:** 1 **Location:** A0

**Observation Date of Plant:** 8/29/2017

**Plant Habit:** Upright oval

**Plant Height:** 15-22 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:** Barrier (thorns), Specimen, Small/confined areas

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Black, withered

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Severe suckering

**Recommended:** Marginal

**Comments on plant:** Some nearby trees removed in 2017 so may do better in future with less crowding.

**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:** 8/28/2017

**Plant Habit:** Round to broad oval

**Plant Height:** 15-22 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 to fair

**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 but has slight chlorosis.

**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:** 8/30/2017

**Plant Habit:** Broad oval

**Plant Height:** 8-14 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:** Minor 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:** 8/28/2017

**Plant Habit:** Round

**Plant Height:** 18-25 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 good

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

**Overall Plant Health:** Fair to good

**Fruit Present:** Few fruit

**Fruit Color:** Red

**Insect Pests:** Mealy bugs

**Pest Severity:** Slight injury

**Plant Disease:** Rust

**Disease Severity:** Slight to moderate 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

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Pyramidal

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

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

**Current Seasons Growth:** 6-12 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:** 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:** 10/4/2018

**Plant Habit:** Broad oval

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

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

**Current Seasons Growth:** 10-18 in

**Foliage Color:** 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:** Planted fall 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:** Deutzia **Variety:**  
**Cultivar:** NCDX1 **Family:** Saxifragaceae **Tsnum:** 15107  
**Common Name:** Yuki Snowflake Deutzia  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** F7

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Broad oval

**Plant Height:** 2 ft.

**Plant Width:** 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:** 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 2018 - 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:** 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:** 10/2/2018

**Plant Habit:** Round to broad oval

**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. 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:** 10/2/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 7-9 ft.  
**Plant Width:** 7-10 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:** 10/2/2018

**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:** 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:** One plant died back ~75% during winter of 2007-08 and was rejuvenated in 2008. The other two were rejuvenated in 2009.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/2/2018

**Plant Habit:** Round

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** 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.

**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:** 10/1/2018

**Plant Habit:** Round to broad oval

**Plant Height:** 6-8 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:** 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:** 9/27/2018

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 6-8 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:** Yes

**Comments on plant:** 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:** Diospyros virginiana **Variety:** -0-  
**Cultivar:** -0- **Family:** Ebenaceae **Tsnum:** 93061  
**Common Name:** Common Persimmon  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** D5

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 15-20 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:** Specimen, shade

**Overall Plant Health:** Good

**Fruit Present:** Very few

**Fruit Color:** Soft orange/yellow

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks good despite getting crowded by neighboring plant. Foliage 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/23/2017

**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:** Fair

**Landscape Uses:** Specimen

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Leaf blotch

**Disease Severity:** Slight but it affect appearance.

**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:** 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:** 10/4/2018

**Plant Habit:** Irregular to round

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

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

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

**Foliage Color:** Medium olive green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, difficult sites

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit ,showy

**Fruit Color:** Dark red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** It suckers. Fruit is showier than E. 'Michigan 777' . Main tree is dead from canker and only surviving on suckers.

**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:** 10/1/2018

**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 injury

**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:** 10/4/2018

**Plant Habit:** Young, undefined

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

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

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Blue

**Bark Characteristics:** 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:** Yes

**Comments on plant:** Planted fall of 2016. Vigor and appearance is off since it was forced for the Garden and Home Show but should look better once 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:** 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:** 10/8/2017

**Plant Habit:** Broad oval

**Plant Height:** 2.5 - 4 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:** 9/30/2018

**Plant Habit:** Upright oval

**Plant Height:** 12-18 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:** 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:**

**2018 Woody Plant Evaluations**  
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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:** 8/31/2017

**Plant Habit:** Upright/columnar

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

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

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

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, confined spaces

**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 2014. Top of canopy died back on both possibly due to establishment problems or might not be hardy enough - needs more time to observe. New growth is 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:**

**2018 Woody Plant Evaluations**  
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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:** 9/23/2017

**Plant Habit:** Round to upright oval

**Plant Height:** 4-5.5 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:** Has a nice 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:** Excellent

**Fall Color:** red, bright

**Date of observation:** 10/21/2005

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations**  
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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:** 9/23/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 10-12 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:** Abundant fruiting, showy

**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

**2018 Woody Plant Evaluations**  
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---

**Scientific Name:** Euonymus alatus **Variety:**  
**Cultivar:** TREE FORM **Family:** Celastraceae **Tsnum:** 09070  
**Common Name:** Winged Burning Bush-tree  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** DS

**Observation Date of Plant:** 9/5/2017

**Plant Habit:** Round

**Plant Height:** 6-7 ft

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, 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:** Looks very good as a patio tree in a #20 container after 8 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:** Red

**Date of observation:** 10/26/2017

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations**  
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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:** 9/23/2017

**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

**2018 Woody Plant Evaluations**  
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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:** 10/8/2017

**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:** Fair to 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 lopsided.

**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

**2018 Woody Plant Evaluations**  
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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:** 10/8/2017

**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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/26/2017

**Persistence:** 1-2 weeks



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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:** 9/23/2017

**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:** Fair

**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. Looks a little leggy. One of two was deformed by heavy snow in May 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:** 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:** 9/14/2017

**Plant Habit:** Irregular

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

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

**Current Seasons Growth:** 18-24 in.

**Foliage Color:** Light to medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**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. Suffered significant breakage which deformed growth habit during late snow storm on May 18, 2017.

**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:* 9/23/2017

*Plant Habit:* Irregular, upright

*Plant Height:* 12-18 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, 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

**2018 Woody Plant Evaluations  
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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:** 9/23/2017

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**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:** 9/23/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 18-24 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, 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:** Fruit is impressive in 2017.

**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

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---

**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:** 9/23/2017

**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. Deer graze on it in some winters.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 kiautschovicus **Variety:**  
**Cultivar:** Manhattan **Family:** Celastraceae **Tsnum:** 15077  
**Common Name:** Manhattan Euonymus  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** D3

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Broad oval

**Plant Height:** 6 in.

**Plant Width:** 6 in.

**Current Seasons Growth:** n/a

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** n/a

**Landscape Uses:** Shrub border

**Overall Plant Health:** Poor

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Deer damage

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in fall of 2016. Grazed heavily by deer so difficult to evaluate.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 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:** 9/23/2017

**Plant Habit:** Broad oval

**Plant Height:** 3.5-5 ft.

**Plant Width:** 6-8 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:**



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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:** 9/29/2018

**Plant Habit:** Broad oval

**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. Growth habit is deformed by snow in May 2017.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Exochorda x macrantha **Variety:**  
**Cultivar:** Bailmoon **Family:** Rosaceae **Tsnum:** 18053  
**Common Name:** Lotus Moon™ Pearlbush  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F6

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Round

**Plant Height:** 2 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, 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 2018 - 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:** 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:** 10/2/2017  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 14-18 ft.  
**Plant Width:** 10-14 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

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/28/2013

**Persistence:** 1-2 weeks

**2018 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:** 10/9/2017

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/2/2017

**Plant Habit:** Columnar

**Plant Height:** 18-24 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:** Fair to 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. Growth habit is a little misshapen probably due to heavy snow in May 2017.

**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

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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:** 10/9/2017

**Plant Habit:** Vase to upright oval

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

**Plant Width:** 25-35 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:**

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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:** 8/28/2017

**Plant Habit:** Upright oval to round

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

**Plant Width:** 30-40 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. Very problem free tree for many 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

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

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Mostly burnt yellow but some orange

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---

**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:** 8/30/2017  
**Plant Habit:** Upright oval to pyramidal  
**Plant Height:** 30-38 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:**



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**Scientific Name:** Fallugia paradoxa **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 03163  
**Common Name:** Apache Plume  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Broad oval to irregular

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

**Plant Width:** 4-5 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:**

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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:** 10/5/2017

**Plant Habit:** Broad oval or irregular

**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:** Good

**Landscape Uses:** 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:** Planted fall 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:** Fontanesia fortunei **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 88009  
**Common Name:** Fortune Fontanesia  
**Source:** OE White Research Arboretu **Quantity observed:** 1 **Location:** A7

**Observation Date of Plant:** 9/14/2017

**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:**

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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:** 8/30/2017

**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, small tree with time

**Overall 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:**

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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:** 8/31/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 15-20 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, xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Moderate 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:**

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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:** 8/31/2017

**Plant Habit:** broad oval

**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, showy

**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

**Aesthetics:** Fair

**Fall Color:** yellow

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

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Forestiera neomexicana **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 78016  
**Common Name:** Desert Olive  
**Source:** Los Lunas Plant Material **Quantity observed:** 3 **Location:** A7

**Observation Date of Plant:** 8/31/2017  
**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

**Aesthetics:** Fair

**Fall Color:** yellow

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

**Persistence:** 1-2 weeks

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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:** 8/31/2017

**Plant Habit:** Spreading

**Plant Height:** 1 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, ground cover

**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 fall of 2016. Doesn't seem to have much vigor first year but may improve after getting 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:** Forsythia **Variety:**  
**Cultivar:** Fiesta **Family:** Oleaceae **Tsnum:** 03119  
**Common Name:** Fiesta Forsythia  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** B7

**Observation Date of Plant:** 9/4/2017  
**Plant Habit:** Irregular  
**Plant Height:** 4-6 ft.  
**Plant Width:** 5-8 ft.  
**Current Seasons Growth:** 1-2 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:** Yes

**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. May be wider if in more sun.

**Observation Date of Flowers:** 4/16/2018

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 30-40%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Relatively larger flowers. May do better in full sun.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/4/2017

**Plant Habit:** Irregular

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

**Plant Width:** 10-12 ft.

**Current Seasons Growth:** 1-3 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:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Seems to be less leggy than others.

**Observation Date of Flowers:** 4/16/2018

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Excellent

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

**Bloom Stage:** Flowers open

**Comments on Flowers:** Very abundant and uniform.

**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:** 9/4/2017

**Plant Habit:** Irregular

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

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

**Current Seasons Growth:** 36-48 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 irregular and leggy.

**Observation Date of Flowers:** 4/16/2018

**Flower Color:** Yellow

**Flower Type:** Cluster

**Flower Effect:** Poor

**% of Flower Coverage:** 20.00%

**Bloom Stage:** Flowers open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** 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:** 9/4/2017

**Plant Habit:** Round to broad oval

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

**Plant Width:** 5-8 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:** 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. May be wider if had more space.

**Observation Date of Flowers:** 4/16/2018

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Poor

**% of Flower Coverage:** 10-20%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Never has had many flowers.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Good, showy

**Fall Color:** Yellow

**Date of observation:** 10/25/2013

**Persistence:** 1-2 weeks





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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 University **Quantity observed:** 3 **Location:** C8, B8

**Observation Date of Plant:** 9/4/2017

**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 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:** 9/4/2017

**Plant Habit:** Irregular

**Plant Height:** 6-9 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:** 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/4/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 10-14 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:** Rejuvenated in 2004. Never is very showy and has a poor growth habit. Has slight chlorosis on 15% of canopy.

**Observation Date of Flowers:** 4/16/2018

**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:** 9/4/2017

**Plant Habit:** Irregular or mounding

**Plant Height:** 4-4.5 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:** 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:** 4/16/2018

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Fair

**% of Flower Coverage:** 50.00%

**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:** 8/31/2017

**Plant Habit:** Upright, irregular

**Plant Height:** 3-4 ft.

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

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

**Foliage Color:** Mostly medium green with variegation more pronounced earlier in season.

**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:** Planted in fall 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:** 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:** 9/4/2017  
**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:** 4/16/2018  
**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:** 9/14/2017

**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:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Rejuvenated in 2008. Still looks a little leggy. Looks moderately chlorotic.

**Observation Date of Flowers:** 4/16/2018

**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 **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:** 9/4/2017

**Plant Habit:** Irregular

**Plant Height:** 6 - 9 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 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:** Two of three have been rejuvenated. One still looks small and lack vigor.

**Observation Date of Flowers:** 4/16/2018

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Uniform flower coverage

**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:** 9/4/2017

**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:** 4/16/2018

**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:** 9/4/2017

**Plant Habit:** Irregular

**Plant Height:** 8-10 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:** 9/4/2017

**Plant Habit:** Irregular or broad oval

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

**Plant Width:** 12-16 ft.

**Current Seasons Growth:** 3-5 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:** 4/16/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/4/2017

**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 2017.

**Observation Date of Flowers:** 4/16/2018

**Flower Color:** yellow

**Flower Type:** Cluster

**Flower Effect:** Good

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

**Bloom Stage:** Flowers open

**Comments on Flowers:** Uniform flower coverage

**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:** 9/4/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 10-12 ft.

**Current Seasons Growth:** 1-3 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:**

**Observation Date of Flowers:** 4/16/2018

**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

**Aesthetics:** Good

**Fall Color:** Bronze/purple

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

**Persistence:** 1-2 weeks

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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:** 9/4/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 20-30 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:** 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:** 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:** 9/24/2017  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 18-24 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:** 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

**Aesthetics:** Excellent

**Fall Color:** Yellow, purple

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks

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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:** 9/14/2017

**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:** 9/4/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 50-60 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:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Has an large canker at base of tree but not sure if active. Doesn't look very active. Canopy does have some dead branches but could also be from shading out.

**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:** 9/24/2017

**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:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to 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. Attractive growth habit but canopy seems a little thin 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:** Excellent

**Fall Color:** purple, rose, yellow

**Date of observation:** 10/9/2017

**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:** 8/31/2017

**Plant Habit:** Upright oval

**Plant Height:** 50-60 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:** 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. Structural failure may be a problem in the

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 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:** 9/24/2017

**Plant Habit:** Upright oval

**Plant Height:** 22-27 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:** 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

**Date of observation:** 10/9/2017

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Dark purple, not very vibrant

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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:** 9/24/2017

**Plant Habit:** Upright oval

**Plant Height:** 18-24 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

**Aesthetics:** fair

**Fall Color:** yellow, brown

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks

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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:** 9/29/2017

**Plant Habit:** Upright oval

**Plant Height:** 12-15 ft.

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

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**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:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Moved in 2003 due to unavoidable construction. About half of canopy died and smaller branches have many small holes from insects.

**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:** 8/31/2017

**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:** 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:** 9/29/2017

**Plant Habit:** Upright oval

**Plant Height:** 15-20 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:** 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Dark purple

**Date of observation:** 10/13/2017

**Persistence:** 1-2 weeks

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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:** 8/31/2017

**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:** 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:** Slight suckering.

**Recommended:** Yes

**Comments on plant:** Growth habit is very attractive. Has old wound at base of trunk from unknown cause but seems to be closing over. May create structural problem later.

**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:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** creamy yellow, orange



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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:** 9/24/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 22-27 ft.

**Plant Width:** 18-24 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:** Fair

**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 which probably are 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

**Date of observation:** 10/9/2017

**Aesthetics:** Excellent

**Persistence:** 1-2 weeks

**Fall Color:** orange, yellow, purple

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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:** 8/31/2017

**Plant Habit:** Upright oval

**Plant Height:** 12-18 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:** 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:** Planted in 2010. One tree seems to have blotchy foliage 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:** 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:** 8/31/2017  
**Plant Habit:** Round becoming broad 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:** 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:** 9/29/2017

**Plant Habit:** Upright oval or round

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

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

**Current Seasons Growth:** 1-3 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:** 9/24/2017

**Plant Habit:** Upright oval

**Plant Height:** 18-24 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:** Residential street, specimen

**Overall Plant Health:** Poor to fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker on lateral branches of one tree

**Disease Severity:** Slight to moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**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:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/9/2017

**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:** 8/1/2017

**Plant Habit:** Upright oval, narrow

**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:** 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:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Has some included bark in a major branch. Growth habit is distorted by past snow load.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 1 **Location:** SC04-2, 3

**Observation Date of Plant:** 9/28/2017

**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:** No

**Comments on plant:** Planted in arboretum in 2004. Top half of one tree looks dead from unknown cause and was removed in 2017. Vigor is low on remaining 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:** Fair to poor

**Fall Color:** yellow, green

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

**Persistence:** 1-2 weeks

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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:** 8/31/2017

**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:** Growth habit is a little more open due to snow load 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:** Good

**Fall Color:** golden yellow

**Date of observation:** 10/18/2011

**Persistence:** 1-2 weeks



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**Scientific Name:** Fraxinus pennsylvanica      **Variety:** -0-  
**Cultivar:** -0-      **Family:** Oleaceae      **Tsnum:** 80200  
**Common Name:** Green Ash  
**Source:** USDA, Bismarck N.D.      **Quantity observed:** 1      **Location:** A8

**Observation Date of Plant:** 8/31/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 50-60 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:** yellow

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

**Persistence:** 1-2 weeks

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**Scientific Name:** Fraxinus pennsylvanica **Variety:** -0-  
**Cultivar:** Aerial **Family:** Oleaceae **Tsnum:** 92067  
**Common Name:** Aerial Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC03-15, 16

**Observation Date of Plant:** 9/24/2017

**Plant Habit:** Upright oval

**Plant Height:** 20-28 ft.

**Plant Width:** 18-25 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:** Borers

**Pest Severity:** Slight injury on one tree and moderate on second.

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Moved in 2003 due to unavoidable construction. Plants have very little growth. One of two trees has swelling on the trunk but suspect it may be borers. One of two trees has a very twiggy growth habit compared to second tree for unknown

**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, light green

**Date of observation:** 10/9/2017

**Persistence:** 1-2 weeks

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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:** 8/30/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 50-60 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:**

**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:** 9/29/2017  
**Plant Habit:** Upright oval becoming round  
**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, 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 **Date of observation:** 10/10/2017  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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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:** 9/30/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 15-22 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, large shade tree

**Overall Plant Health:** Good

**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

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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:** 9/4/2017  
**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:** 1 **Location:** A8

**Observation Date of Plant:** 8/31/2017

**Plant Habit:** Upright oval

**Plant Height:** 50-60 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

**Overall 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:* 8/31/2017

*Plant Habit:* Upright oval

*Plant Height:* 8-12 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:* 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:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*



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---

**Scientific Name:** Fraxinus pennsylvanica **Variety:**  
**Cultivar:** Johnson **Family:** Oleaceae **Tsnum:** 95042  
**Common Name:** Leprechaun Ash  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC4-11,12

**Observation Date of Plant:** 9/29/2017

**Plant Habit:** Round to upright oval

**Plant Height:** 14-18 ft.

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

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**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:**

**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:** Fair

**Fall Color:** yellow

**Date of observation:** 10/10/2017

**Persistence:** 2-4 weeks

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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:** 9/4/2017

**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:** Fair to 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:** One of two trees seems to have about 20% canopy dieback from unknown cause. Second tree 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:** 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:** Kohler **Family:** Oleaceae **Tsnum:** 94025  
**Common Name:** Kohler Green Ash  
**Source:** Discover-Tree Research **Quantity observed:** 2 **Location:** SC4-13,14

**Observation Date of Plant:** 9/28/2017  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 15-20 ft.  
**Plant Width:** 22-18 ft  
**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Medium to 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:** 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 **Date of observation:** 10/3/2017  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Russet red with a little bit of purple. Not

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**Scientific Name:** Fraxinus pennsylvanica **Variety:** -0-  
**Cultivar:** Leeds **Family:** Oleaceae **Tsnum:** 92093  
**Common Name:** Prairie Dome Ash  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** SC3-14

**Observation Date of Plant:** 9/24/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 4-6 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:** Marginal

**Comments on plant:** Vigor is very low 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:** Good

**Fall Color:** yellow

**Date of observation:** 10/9/2017

**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:** 9/29/2017

**Plant Habit:** Upright oval

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

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

**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:** 10/3/2017

**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:** 2 **Location:** SC4-4, 5-4

**Observation Date of Plant:** 9/29/2017

**Plant Habit:** Round or upright oval

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

**Plant Width:** 20-30 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. One tree is probably 20% larger than the other 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:** 10/13/2017

**Aesthetics:** Fair - just barely starting **Persistence:** 1-2 weeks

**Fall Color:** yellow

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---

**Scientific Name:** Fraxinus pennsylvanica  
**Cultivar:** Patmore  
**Common Name:** Patmore Green Ash  
**Source:** 1995 Roberta Tolan Thesis

**Variety:**  
**Family:** Oleaceae  
**Tsnum:** 95164

**Quantity observed:** 3  
**Location:** SC4-16, SC5-7,8

**Observation Date of Plant:** 9/29/2017

**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:** 10/3/2017

**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:** 9/29/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 12-16 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:** 9/30/2017

**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

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/20/2009

**Persistence:** 1-2 weeks

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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:** 9/29/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 1-3 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:** Vigor is very low and 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:** 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:** 9/29/2017  
**Plant Habit:** Upright oval or pyramidal  
**Plant Height:** 20-26 ft.  
**Plant Width:** 20-28 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

**Aesthetics:** Good

**Fall Color:** yellow

**Date of observation:** 10/2/2017

**Persistence:** 1-2 weeks

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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:** 9/4/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 25-35 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:** 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:** 9/29/2017

**Plant Habit:** Round

**Plant Height:** 8-12 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:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Low 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:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/2/2009

**Persistence:** 1-2 weeks

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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:** 9/29/2018

**Plant Habit:** Irregular

**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 to poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Too much shade from nearby plants

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/1/2018  
**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:** 10/1/2018

**Plant Habit:** Broad oval

**Plant Height:** 3 - 4 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, 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:** 9/29/2018

**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:** Fair

**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:** 10/1/2018

**Plant Habit:** Broad oval

**Plant Height:** 2 ft.

**Plant Width:** 2-3 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, shrub border

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few, not attractive

**Fruit Color:** green/brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**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:** 9/15/2017

**Plant Habit:** Upright oval

**Plant Height:** 12-18 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:** 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

**Aesthetics:** Fair

**Fall Color:** Yellow

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

**Persistence:** 1-2 weeks

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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:** 1 **Location:** D0, E1

**Observation Date of Plant:** 9/13/2017

**Plant Habit:** Upright oval

**Plant Height:** 4-6 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. Most of growth is on lateral branches and only about 6 inches on 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:** Ginkgo biloba **Variety:** -0-  
**Cultivar:** -0- **Family:** Ginkgoaceae **Tsnum:** 78170  
**Common Name:** Gingko  
**Source:** Unknown **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Upright oval

**Plant Height:** 35-42 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:** 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/7/2017

**Plant Habit:** Upright oval

**Plant Height:** 35-42 ft.

**Plant Width:** 30-35 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:** 2 **Location:** E0, E1

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Upright oval

**Plant Height:** 6-7 ft.

**Plant Width:** 5-7 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:** 2 **Location:** D0, E0

**Observation Date of Plant:** 9/13/2017

**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:** 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 Fall 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:** 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:** 10/8/2017

**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:** 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:** 10/8/2017

**Plant Habit:** Irregular

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

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

**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:** 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:** 10/8/2017

**Plant Habit:** Irregular

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

**Plant Width:** 6-8 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:** Magyar **Family:** Ginkgoaceae **Tsnum:** 01047  
**Common Name:** Magyar Ginko  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** E0

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Upright oval

**Plant Height:** 5-7 ft.

**Plant Width:** 4-5 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/4/2017

**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:** 10/9/2017

**Plant Habit:** Upright oval

**Plant Height:** 6-7 ft.

**Plant Width:** 3-4 ft.

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

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2012. Would probably look better if planted in full sun and if not on 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:** 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:** 9/14/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-10 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:**

**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:** 9/13/2017

**Plant Habit:** Upright oval

**Plant Height:** 5-7 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:** 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. Slight suckering.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** Woodstock **Family:** Ginkgoaceae **Tsnum:** 04023  
**Common Name:** Emperor Ginkgo  
**Source:** Femrite Nursery Company **Quantity observed:** 1 **Location:** SC09-16

**Observation Date of Plant:** 10/3/2018

**Plant Habit:** Upright oval or irregular

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

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

**Current Seasons Growth:** 10-15 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. Looks a little leggy but should improve with 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:** Gleditsia triacanthos inermis      **Variety:**  
**Cultivar:**      **Family:** Leguminosae      **Tsnum:** 76063  
**Common Name:** Honeylocust  
**Source:** n/a      **Quantity observed:** 1      **Location:** D3

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Round to upright oval

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Street tree, 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:* 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:* 9/27/2018  
*Plant Habit:* Young, upright oval  
*Plant Height:* 10-15 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

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---

**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:** 9/30/2018

**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

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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:** 9/27/2018

**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

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/1/2016

**Persistence:** 1-2 weeks

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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:** 9/27/2018  
**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

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**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:** 9/30/2018

**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:** 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:**



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---

**Scientific Name:** Gleditsia triacanthos inermis **Variety:** inermis  
**Cultivar:** Shademaster **Family:** Leguminosae **Tsnum:** 78039  
**Common Name:** Shademaster Thornless Honeylocust  
**Source:** Milton Nursery **Quantity observed:** 1 **Location:** C6

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval to irregular

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

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

**Current Seasons Growth:** 8-14 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:** Has some dead branches (not recent) but not sure if dead branches are from shading or 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:** Gleditsia triacanthos inermis **Variety:** inermis  
**Cultivar:** Suncole **Family:** Leguminosae **Tsnum:** 01001  
**Common Name:** Sunburst Honeylocust  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D6

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 30-35 ft.  
**Plant Width:** 15-25 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Medium green, yellow on newest foliage  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Residential, 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:** Both seem to have a bend in the trunk but one is severe and may need to be removed. Probably getting crowded 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:** 10/6/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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---

**Scientific Name:** Gymnocladus **Variety:**  
**Cultivar:** True North **Family:** Fabaceae **Tsnum:** 16002  
**Common Name:** True North Kentucky Coffee Tree  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** HG, C7

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Good

**Landscape Uses:** 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 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:** 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:** 9/29/2018

**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:** 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

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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:** 8/31/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 2-4 in

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** 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 2014. Low vigor from unknown cause. May have been in too much shade from nearby tree which was removed in 2017 so it may start improving 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:** 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:** 9/29/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 2 **Location:** C5, D5

**Observation Date of Plant:** 9/23/2017

**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:** Moderate to severe chlorosis 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

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---

**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:** 9/5/2018  
**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:**



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---

**Scientific Name:** Helichrysum flanaganii **Variety:**  
**Cultivar:** **Family:** Asteraceae **Tsnum:** 16088  
**Common Name:** Strawflower  
**Source:** Plant Select Trials **Quantity observed:** 1 **Location:** F14

**Observation Date of Plant:** 11/5/2018

**Plant Habit:** Young, undefined

**Plant Height:** 4-5 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:** Good to fair

**Landscape Uses:** Specimen, xeric 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 2017 - too soon to recommend. 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:** Heptacodium micorioides **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:** 10/3/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 6-10 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 it is 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:**

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---

**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:** 10/9/2017

**Plant Habit:** Round

**Plant Height:** 8-10 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, 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%

**Bloom Stage:** Past peak but

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Hibiscus syriacus **Variety:**  
**Cultivar:** Blushing Bride **Family:** Malvaceae **Tsnum:** 15073  
**Common Name:** Blushing Bride Rose-of-Sharon  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** F7

**Observation Date of Plant:** 10/3/2018

**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:** Specimen, confined 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 2018 - 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:** Hibiscus syriacus **Variety:**  
**Cultivar:** Notwoodone **Family:** Malvaceae **Tsnum:** 15061  
**Common Name:** Lavender Chiffon Althea  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** F7

**Observation Date of Plant:** 10/3/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 3-5 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, 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 Fall 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:** 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:** 10/4/2018  
**Plant Habit:** Irregular, upright  
**Plant Height:** 12-18 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Dark gray/green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Barrier, specimen, xeriscape, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** 5-10% of canopy

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**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:** 10/2/2018

**Plant Habit:** Irregular, upright

**Plant Height:** 5-7 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:**

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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:* 10/1/2018

*Plant Habit:* Upright

*Plant Height:* 3 - 5 ft.

*Plant Width:* 8-12 ft

*Current Seasons Growth:* 3 - 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:*

*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:*



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---

**Scientific Name:** Hydrangea arborescens **Variety:**  
**Cultivar:** Jm 2004004 **Family:** Hydrangeaceae **Tsnum:** 06040  
**Common Name:** Hydrangea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** D7

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Broad oval

**Plant Height:** 2 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:** 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:** Would probably look better if not growing 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:** Hydrangea arborescens **Variety:**  
**Cultivar:** SMHAMWM' **Family:** Hydrangeaceae **Tsnum:** 18051  
**Common Name:** Seaside Serenade® Bar Harbor Hydrangea  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** D6

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young, undefined

**Plant Height:** 2 ft

**Plant Width:** 2-3 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** Endless Summer **Family:** Hydrangeaceae **Tsnum:** 03120  
**Common Name:** Endless Summer Hydrangea  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/3/2018

**Plant Habit:** Round

**Plant Height:** 2-4 ft.

**Plant Width:** 3-5 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, 2014 or 2018. 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:** Glowering Embers **Family:** Hydrangeaceae **Tsnum:** 12019  
**Common Name:** Glowing Embers Hydrangea  
**Source:** Forrest Keeling Nursery **Quantity observed:** 2 **Location:** D6

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Mounding

**Plant Height:** 1-3 ft.

**Plant Width:** 2-4 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Light 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 2017. No blooms in 2018 - 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:** Hydrangea macrophylla **Variety:**  
**Cultivar:** Hot Rod 01-14 **Family:** Hydrangeaceae **Tsnum:** 17079  
**Common Name:** Hot Rod Hydrangea  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D7

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Young, undefined

**Plant Height:** 1 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 1 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** Monmar **Family:** Hydrangeaceae **Tsnum:** 16007  
**Common Name:** Blue Enchantress Hydrangea  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** D6, D7

**Observation Date of Plant:** 9/27/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/27/2018

**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:** 2 **Location:** D6

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young undefined

**Plant Height:** 1-2 ft.

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

**Current Seasons Growth:** 1 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:** Planted in 2016. No blooms in 2018 - 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:** 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:** 9/30/2018

**Plant Habit:** Upright, irregular

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

**Plant Width:** 4-6 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, 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 2012. 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:** 9/30/2018

**Plant Habit:** Irregular, upright

**Plant Height:** 3 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:** 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. No blooms in 2018 may be in too much shade.

**Observation Date of Flowers:** 9/25/2014

**Flower Color:** White with pink blush

**Flower Type:** Cluster

**Flower Effect:** fair

**% of Flower Coverage:** 15%

**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:** 9/29/2018

**Plant Habit:** Young, undefined

**Plant Height:** 2-4 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. Would probably have better vigor if growing 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:** 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:** 10/1/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 2-4 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, 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.

**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:**

**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:** 3 **Location:** D7, F7

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Upright oval

**Plant Height:** 5-6 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, shrub border, patio tree

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate on one plant (30% of canopy)

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015.

**Observation Date of Flowers:** 8/31/2016

**Flower Color:** dark pink 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/30/2018

**Plant Habit:** Irregular, upright

**Plant Height:** 3-5 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:** 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 has done well since.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/30/2018

**Plant Habit:** Upright oval

**Plant Height:** 6-8 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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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:** 9/30/2018

**Plant Habit:** Broad oval

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

**Plant Width:** 6-8 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, 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:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** PI 479427 **Family:** Hydrangeaceae **Tsnum:** 15100  
**Common Name:** Panicle Hydrangea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** D7

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Broad oval

**Plant Height:** 3 ft.

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

**Current Seasons Growth:** 1 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:** Yes

**Comments on plant:** Planted in 2016. Would probably look better if growing 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:* Hydrangea paniculata *Variety:*  
*Cultivar:* Quick Fire *Family:* Hydrangeaceae *Tsnum:* 05088  
*Common Name:* Quick Fire Hydrangea  
*Source:* Proven Winners *Quantity observed:* 2 *Location:* D7, D8

*Observation Date of Plant:* 9/30/2018  
*Plant Habit:* Upright oval becoming round  
*Plant Height:* 3-4 ft.  
*Plant Width:* 4-6 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:* Planted in 2007.

*Observation Date of Flowers:* 8/20/2014  
*Flower Color:* Fading to pink  
*Flower Type:* Cluster  
*Flower Effect:* Good  
*% of Flower Coverage:* 25.00%  
*Bloom Stage:* Past peak  
*Comments on Flowers:*

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

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*Scientific Name:* Hydrangea paniculata *Variety:*  
*Cultivar:* Rendia *Family:* Hydrangeaceae *Tsnum:* 16081  
*Common Name:* First Editions Diamond Rouge Hydrangea  
*Source:* Bailey Nurseries *Quantity observed:* 4 *Location:* D6

*Observation Date of Plant:* 9/30/2018

*Plant Habit:* Broad oval

*Plant Height:* 2 ft.

*Plant Width:* 3-4 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:* None

*Fruit Color:*

*Insect Pests:*

*Pest Severity:*

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* n/a

*Comments on plant:* Planted in 2018 - 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:** Renhy **Family:** Hydrangeaceae **Tsnum:** 17095  
**Common Name:** Vanilla Strawberry™ Hydrangea  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** D7

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Broad oval

**Plant Height:** 3 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:** 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:** n/a

**Comments on plant:** Planted in 2018 - too soon to recommend.

**Observation Date of Flowers:** 9/30/2018

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 20.00%

**Bloom Stage:** Full bloom

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Hydrangea paniculata **Variety:**  
**Cultivar:** Tardiva **Family:** Hydrangeaceae **Tsnum:** 98123  
**Common Name:** Tardiva Panicle Hydrangea  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** E6, F6

**Observation Date of Plant:** 10/1/2018

**Plant Habit:** Round to broad oval

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

**Plant Width:** 8-10 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:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Showy blooms. Has slight chlorosis.

**Observation Date of Flowers:** 8/29/2016

**Flower Color:** White with pink blush

**Flower Type:** cluster

**Flower Effect:** Excellent

**% of Flower Coverage:** 50-75%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Dependable for a good display of color.

**Fall Color or Fruit:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 9/23/2004

**Persistence:** 1-2 weeks

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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:** 9/29/2018

**Plant Habit:** Broad oval

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

**Plant Width:** 5-7 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:** 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%

**Bloom Stage:** Past peak

**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:** 1 **Location:** F6

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

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

**Current Seasons Growth:** 2-3 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. 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

**Aesthetics:** Good

**Fall Color:** Golden yellow

**Date of observation:** 9/26/2006

**Persistence:** 1-2 weeks

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---

**Scientific Name:** *Itea virginica* **Variety:**  
**Cultivar:** HG x SE 01-09 **Family:** *Iteaceae* **Tsnum:** 18162  
**Common Name:** First Editions® Love Child™ Sweetspire  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** G3

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young, undefined

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

**Plant Width:** 12-18 in

**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:** n/a

**Comments on plant:** Planted in 2018 - 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:** 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:** 10/8/2017

**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:** 9/23/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 10-15 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:** 9/23/2017  
**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:** 9/23/2017

**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:** 9/23/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 3-5 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 on one of two 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:** 11/2/2018  
**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 at top.

**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:** 11/1/2018

**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:** Holbert **Family:** Cupressaceae **Tsnum:** 88195  
**Common Name:** Holbert Chinese Juniper  
**Source:** Hines Nursery **Quantity observed:** 3 **Location:** G10, G11

**Observation Date of Plant:** 11/1/2018

**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, E14

**Observation Date of Plant:** 11/2/2018

**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:** Fair to good

**Landscape Uses:** Shrub border, screen , xeric landscape

**Overall Plant Health:** Fair to 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. Two of three trees have low 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:** Juniperus chinensis **Variety:**  
**Cultivar:** Kallays Compacta **Family:** Cupressaceae **Tsnum:** 00022  
**Common Name:** Kallay Pfitzer Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** G10

**Observation Date of Plant:** 11/1/2018

**Plant Habit:** Spreading

**Plant Height:** 3-5 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:** 11/5/2018

**Plant Habit:** Pyramidal

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

**Plant Width:** 25-30 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:** 11/2/2018

**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:**  
**Cultivar:** Perfecta **Family:** Cupressaceae **Tsnum:** 17099  
**Common Name:** Perfecta Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** D13

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Narrow pyramid

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

**Plant Width:** 1-2 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, confined 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 2017 - 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:** 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:** 11/2/2018

**Plant Habit:** Irregular, upright

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

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

**Current Seasons Growth:** 4-8 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. Vigor is low due to crowding 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 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:** 11/5/2018

**Plant Habit:** Spreading

**Plant Height:** 3 - 4 ft.

**Plant Width:** 10-14 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:** 11/2/2018

**Plant Habit:** Spreading

**Plant Height:** 5-7 ft.

**Plant Width:** 20-30 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 40 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:** 11/1/2018

**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:** None

**Fruit Color:**

**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:** 11/1/2018

**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:** -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:** 11/1/2018  
**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:** 11/10/2017

**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:** 11/2/2018

**Plant Habit:** Spreading

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

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

**Current Seasons Growth:** 6-12 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:** 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 very bright and 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:** Juniperus communis **Variety:**  
**Cultivar:** Copper Delight™ **Family:** Cupressaceae **Tsnum:** 14154  
**Common Name:** Copper Delight™ Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** E13

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Spreading

**Plant Height:** 4-8 in.

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

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Gray, medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Shrub border, xeriscape

**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 2014. All 3 appear to be 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:**

**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:** 11/5/2018

**Plant Habit:** Cone, pyramidal

**Plant Height:** 3 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 2-4 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:** 10/9/2017

**Plant Habit:** Spreading

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

**Plant Width:** 3-4 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:** 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:** 11/1/2018

**Plant Habit:** Spreading

**Plant Height:** 10-18 in.

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

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

**Foliage Color:** Medium green, gray on some surfaces

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Juniper blight

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2004. Plant is almost dead from blight.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 11/1/2018

**Plant Habit:** Spreading

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

**Plant Width:** 10-15 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:** 11/2/2018

**Plant Habit:** Spreading

**Plant Height:** 4-8 in.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 2-4 in.

**Foliage Color:** Blue gray

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**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. Vigor is low 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:** Juniperus horizontalis **Variety:**  
**Cultivar:** MeDak **Family:** Cupressaceae **Tsnum:** 13092  
**Common Name:** MeDak  
**Source:** Alta Nursery **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Spreading

**Plant Height:** 4-8 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:** Fair

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 11/5/2018

**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:** 11/1/2018

**Plant Habit:** Spreading

**Plant Height:** 4 - 6 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:** 11/5/2018

**Plant Habit:** Spreading

**Plant Height:** 2 ft.

**Plant Width:** 15-20 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 30 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:** 11/2/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Juniperus scopulorum **Variety:**  
**Cultivar:** Bailigh **Family:** Cupressaceae **Tsnum:** 18054  
**Common Name:** Sky High Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** G12, G13

**Observation Date of Plant:** 11/1/2018

**Plant Habit:** Narrow pyramidal

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

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, xeriscape

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2018 - 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:** Juniperus scopulorum **Variety:**  
**Cultivar:** 'Blue Arrow' **Family:** Cupressaceae **Tsnum:** 18031  
**Common Name:** Blue Arrow Juniper  
**Source:** Monrovia Nursery **Quantity observed:** 2 **Location:** G13

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Columnar

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

**Plant Width:** 1 ft.

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

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, confined 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 2018 - 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:** 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:** 11/5/2018  
**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 11/1/2018

**Plant Habit:** Narrow pyramidal

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

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

**Current Seasons Growth:** 6-12 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 u

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. One of two looks good but the second tree looks like it is still struggling 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:** 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:** 11/2/2018

**Plant Habit:** Pyramidal

**Plant Height:** 12-17 ft.

**Plant Width:** 12-17 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:** 2 **Location:** D14, F13

**Observation Date of Plant:** 11/2/2018  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 25-35 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:** 11/5/2018

**Plant Habit:** Pyramidal

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

**Plant Width:** 12-18 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:** Fair

**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:** 11/2/2018

**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:** 87170  
**Common Name:** Medora Rocky Mountain Juniper  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** G12

**Observation Date of Plant:** 11/1/2018

**Plant Habit:** Pyramidal

**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:** Fair to good

**Landscape Uses:** Specimen, xeriscape, 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:** Has slight deformity from past 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 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:** 11/1/2018  
**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:**  
**Cultivar:** Moonglow **Family:** Cupressaceae **Tsnum:** 15078  
**Common Name:** Moonglow Juniper  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** E13, F14

**Observation Date of Plant:** 11/2/2018  
**Plant Habit:** Columnar or narrow pyramidal  
**Plant Height:** 4-6 ft.  
**Plant Width:** 1-3 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:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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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:** 11/2/2018

**Plant Habit:** Pyramidal

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

**Plant Width:** 20-30 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:**  
**Cultivar:** Sister Twister **Family:** Cupressaceae **Tsnum:** 17213  
**Common Name:** Sister Twister Juniper  
**Source:** FCWN **Quantity observed:** 1 **Location:** D13

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Weeping

**Plant Height:** 6 ft.

**Plant Width:** 2 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

**Overall Plant Health:** Good

**Fruit Present:** Abundant

**Fruit Color:** Gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2017 - 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:** 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:** 11/1/2018  
**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 to 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:** 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:**  
**Aesthetics:**  
**Fall Color:**

**Date of observation:**  
**Persistence:**

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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:** 11/2/2018  
**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:** 11/1/2018

**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:** 11/5/2018

**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:** 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:** 11/2/2018

**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:** **Family:** Cupressaceae **Tsnum:** 18055  
**Common Name:** Blue Star Singleseed Juniper  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D12

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Spreading

**Plant Height:** 8-10 in.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 2-3 in.

**Foliage Color:** Blue

**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:** n/a

**Comments on plant:** Planted in 2018 - 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:** 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:** 11/2/2018

**Plant Habit:** Spreading

**Plant Height:** 2-4 ft.

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

**Current Seasons Growth:** 6-12 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:** Possible juniper blight starting

**Disease Severity:** Slight injury

**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:** 11/1/2018

**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:**  
**Cultivar:** Canaerti **Family:** Cupressaceae **Tsnum:** 17102  
**Common Name:** Canaerti Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** F14

**Observation Date of Plant:** 11/5/2018

**Plant Habit:** Narrow pyramid

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

**Plant Width:** 1 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, screen

**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 2017 - 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:** Juniperus virginiana **Variety:**  
**Cultivar:** Cry Baby **Family:** Cupressaceae **Tsnum:** 18168  
**Common Name:** Cry Baby Juniper  
**Source:** FCWN **Quantity observed:** 1 **Location:** E13

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Weeping

**Plant Height:** 5 ft.

**Plant Width:** 1 ft.

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Was in too much shade in lathhouse

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2018 - too soon to recommend. Vigor is low from being in too much shade in lathhouse prior to 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:** 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:** 11/5/2018

**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:** Manhattan Blue **Family:** Cupressaceae **Tsnum:** 78198  
**Common Name:** Manhattan Blue Eastern Red Cedar  
**Source:** Bath Nursery **Quantity observed:** 1 **Location:** E13

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Pyramidal

**Plant Height:** 35-45 ft

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, xeriscape

**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 virginiana **Variety:** -0-  
**Cultivar:** Sky Rocket **Family:** Cupressaceae **Tsnum:** 83161  
**Common Name:** Sky Rocket Eastern Red Cedar  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** E14, F14

**Observation Date of Plant:** 11/2/2018

**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:** Yes

**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:** 11/2/2018

**Plant Habit:** Columnar

**Plant Height:** 3-5 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:** Poor

**Landscape Uses:** Specimen, screen, xeric landscape

**Overall Plant Health:** Poor

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2015. Vandals cut top 1-2 ft. off two of three trees in 2016 and all three never gained much vigor after that.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 15119  
**Common Name:** Taylor Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** DH

**Observation Date of Plant:** 9/28/2017

**Plant Habit:** Columnar

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

**Plant Width:** 18 in.

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

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Excellent

**Landscape Uses:** Specimen, hedge, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Blue/gray

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** All look 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:** 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:** 11/2/2018

**Plant Habit:** Narrow pyramid

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

**Plant Width:** 3-5 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, 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:** 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:** J.N. Select Blue **Family:** Cupressaceae **Tsnum:** 17101  
**Common Name:** Star Power™ Juniper  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** E14

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Narrow pyramid

**Plant Height:** 4 ft

**Plant Width:** 1 ft

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

**Foliage Color:** Gray green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**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:** n/a

**Comments on plant:** Planted in 2017 - 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:** 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:** 11/2/2018

**Plant Habit:** Spreading

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

**Plant Width:** 2-4 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:** 9/4/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 7-10 ft

**Current Seasons Growth:** 15-30 in.

**Foliage Color:** Light 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:** Moderately 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Koelreuteria paniculata **Variety:**  
**Cultivar:** **Family:** Sapindaceae **Tsnum:** 96092  
**Common Name:** Golden Rain Tree  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D5

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Round to irregular

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

**Plant Width:** 20-30 ft

**Current Seasons Growth:** 1 - 2 ft.

**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:** Abundant, interesting

**Fruit Color:** Brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Inactive

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Growth habit is a little lopsided due to past storm damage. Fruit is very ornamental.

**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:** 9/26/2006

**Persistence:** 1-2 weeks

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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:** 9/27/2018

**Plant Habit:** Young, undefined

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

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

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

**Foliage Color:** Light green/chartreuse

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, 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 2015. Two plants don't seem to have much new growth 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:** Very good

**Fall Color:** Red along margins

**Date of observation:**

**Persistence:** 1-2 weeks

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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:** 9/29/2018

**Plant Habit:** Columnar

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

**Plant Width:** 3-5 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, confined areas

**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 but looking more columnar in 2018.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/2/2018

**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 but flowers are impressive.

**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:** 9/30/2018

**Plant Habit:** Irregular, upright

**Plant Height:** 8-12 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:** 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:** 2 **Location:** E8, E9

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Pyramidal

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

**Plant Width:** 25-35 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:* 10/2/2018

*Plant Habit:* Narrow, pyramidal

*Plant Height:* 25-30 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:** F9

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Upright, irregular

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

**Plant Width:** 6-9 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:** Ligustrum foliosum **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleoaceae **Tsnum:** 91065  
**Common Name:** Privet  
**Source:** Washington Park Arboretum **Quantity observed:** 1 **Location:** A8

**Observation Date of Plant:** 8/31/2017

**Plant Habit:** Upright oval to round

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

**Plant Width:** 4-5 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

**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:** Rejuvenated and seems to look healthier.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/2/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/29/2018  
**Plant Habit:** Upright oval when young and becoming more rounded.  
**Plant Height:** 10-15 ft.  
**Plant Width:** 15-20 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:** 81091  
**Common Name:** Privet  
**Source:** US Nat'l Arboretum **Quantity observed:** 2 **Location:** E8

**Observation Date of Plant:** 10/2/2018

**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:** 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

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/1/2006

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Ligustrum vulgare **Variety:**  
**Cultivar:** Lodense **Family:** Oleaceae **Tsnum:** 06019  
**Common Name:** Lodense Privet  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** D8, E7

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 4-5 ft.  
**Plant Width:** 5-7 ft.  
**Current Seasons Growth:** 6-9 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 smaller foliage.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 vulgare **Variety:**  
**Cultivar:** Swift **Family:** Oleaceae **Tsnum:** 17088  
**Common Name:** First Editions Straight Talk Privet  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D5

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Columnar

**Plant Height:** 4 ft.

**Plant Width:** 1-2 ft.

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

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, hedge

**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 2018 - 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:** Ligustrum vulgare **Variety:**  
**Cultivar:** Swift **Family:** Oleaceae **Tsnum:** 16082  
**Common Name:** First Editions Straight Talk Privet  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** D6

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Columnar

**Plant Height:** 4-6 ft

**Plant Width:** 3 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, hedge

**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 2018 - 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:** 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:** 9/30/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 4-6 ft.  
**Plant Width:** 3-5 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, 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:** 9/29/2017  
**Plant Habit:** Young, undefined  
**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:** 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. Severe deer damage in September 2017 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:** 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:** 9/15/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 14-18 ft.

**Current Seasons Growth:** 20-30 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:** 9/27/2018

**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 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:** 9/27/2018

**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:** 9/27/2018

**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:** May be grown in too much shade .

**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:* 2 *Location:* AA12, A12

*Observation Date of Plant:* 9/27/2018

*Plant Habit:* Upright oval to round

*Plant Height:* 5-7 ft.

*Plant Width:* 5-7 ft.

*Current Seasons Growth:* 24-36 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:* Aphids

*Pest Severity:* Slight injury

*Plant Disease:*

*Disease Severity:*

*Cultural Problems:*

*Nuisances:*

*Recommended:* Yes

*Comments on plant:* Rejuvenated in 2014. Aphids causing some witches brooming.

*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:*

*Aesthetics:*

*Fall Color:*

*Date of observation:*

*Persistence:*

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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:** 9/27/2018

**Plant Habit:** Round to broad oval

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

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

**Current Seasons Growth:** 4-10 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

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

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit

**Fruit Color:** Red turning to brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Seems to be in a decline with a thin canopy and dieback.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/27/2018

**Plant Habit:** Arching

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

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

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**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:** G2

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 14-18 ft

**Current Seasons Growth:** 1-2 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:** 9/27/2018

**Plant Habit:** Broad oval, arching

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

**Plant Width:** 30-40 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. Not a plant for small areas . It gets very large.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** AA12

**Observation Date of Plant:** 9/27/2018

**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:** Few fruit

**Fruit Color:** Red, showy

**Insect Pests:** Aphids

**Pest Severity:** Minor injury

**Plant Disease:** Leaf spot

**Disease Severity:** Minor injury

**Cultural Problems:** Probably in too much shade

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One of the best Lonicera for attractive fruit In past years . 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:** 10/8/2017

**Plant Habit:** Vine

**Plant Height:** 5-8 ft. on trellis

**Plant Width:** 4 ft. on trellis

**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:** 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:** Lonicera sempervirens **Variety:**  
**Cultivar:** Magnifica **Family:** Caprifoliaceae **Tsnum:** 15080  
**Common Name:** Magnifica Trumpet Honeysuckle  
**Source:** Monrovia Growers **Quantity observed:** 3 **Location:** DH

**Observation Date of Plant:** 9/14/2017

**Plant Habit:** Vine

**Plant Height:** 5-6 on trellis

**Plant Width:** 3-4 on trellis

**Current Seasons Growth:** 4-5 ft.

**Foliage Color:** Dark green/purple

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, screen if on trellis

**Overall 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. No flowers first year in ground.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 x  
**Cultivar:** Freedom  
**Common Name:** Freedom Honeysuckle  
**Source:** USDA/NC-7, Ames, IA  
**Variety:**  
**Family:** Caprifoliaceae  
**Tsnum:** 84245  
**Quantity observed:** 1  
**Location:** A13

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Arching

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

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

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Blue/green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

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

**Overall Plant Health:** Fair

**Fruit Present:** None

**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 and making a very weak recovery due to too much shade since it was first planted.

**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:** 7/26/2018

**Plant Habit:** Upright oval to round

**Plant Height:** 6-8 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:** Fair

**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:** Rejuvenated in 2011.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Lonicera xylosteum **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:** 9/27/2018

**Plant Habit:** Broad oval

**Plant Height:** 2.5 - 3.5 ft.

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

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

**Foliage Color:** Dark blue/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:** Seems to always get some tip 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:** 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:** 8/30/2018

**Plant Habit:** Round to irregular

**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

**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 one plant

**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:** MaacNificent Amur Maackia  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC07-2, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval, narrow

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

**Plant Width:** 3-5 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, 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 2016 and another in 2017. Doesn't seem to have any seed pods which is very nice.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/2/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 7-11 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 - 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 detractor 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:** 9/5/2018

**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:**

**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:** HG, SC11-06

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Dark green, glossy

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, tolerant of urban conditions

**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 2017 - too soon to recommend. Lost about 30% of canopy during first winter in arboretum.

**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:** 10/8/2018

**Persistence:** 1-2 weeks



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---

**Scientific Name:** Magnolia x **Variety:**  
**Cultivar:** Ann **Family:** Magnoliaceae **Tsnum:** 08044  
**Common Name:** Ann Magnolia  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** E0

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Irregular

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

**Plant Width:** 4-7 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 **Variety:** -0-  
**Cultivar:** Galaxy **Family:** Magnoliaceae **Tsnum:** 83010  
**Common Name:** Galaxy Magnolia  
**Source:** US Nat'l Arboretum **Quantity observed:** 1 **Location:** D0

**Observation Date of Plant:** 9/13/2017

**Plant Habit:** Broad oval to round

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

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

**Current Seasons Growth:** 10-15 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 haematocarpa **Variety:**  
**Cultivar:** **Family:** Berberidaceae **Tsnum:** 97246  
**Common Name:** Mahonia  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G2

**Observation Date of Plant:** 10/26/2017

**Plant Habit:** Upright to irregular

**Plant Height:** 5-7 ft.

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

**Current Seasons Growth:** 10-20 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 but looking better with time.

**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:** 10/8/2017

**Plant Habit:** Round

**Plant Height:** 28-38 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:** 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:**  
**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:** 10/3/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 7-9 ft.  
**Plant Width:** 3-4 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

**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. Lower branches (40% of canopy) 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-KW207 **Family:** Rosaceae **Tsnum:** 17028  
**Common Name:** Sparkling Sprite Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-06

**Observation Date of Plant:** 10/3/2018

**Plant Habit:** Young, undefined

**Plant Height:** 6-8 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

**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 2018 - 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:** 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:** 9/28/2017

**Plant Habit:** Upright oval

**Plant Height:** 12-16 ft.

**Plant Width:** 12-16 ft.

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

**Foliage Color:** Dark red/green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, confined areas

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** No suckering.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 1 **Location:** SC10-18

**Observation Date of Plant:** 10/3/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 1-4 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:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Severe injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2014. Cankers on trunk and near death. Abundant suckers.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** Prairie Fire **Family:** Rosaceae **Tsnum:** 04059  
**Common Name:** Prairie Fire Crabapple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** DH

**Observation Date of Plant:** 9/28/2017

**Plant Habit:** Round

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

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

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

**Foliage Color:** Emerge purplish/red and mature to dark green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, confined areas

**Overall Plant Health:** Good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** No significant suckering.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** Rejzam **Family:** Rosaceae **Tsnum:** 18011  
**Common Name:** Rejoice Crabapple RightRoot  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** SC09-07

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young, undefined

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

**Plant Width:** 2 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

**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 2018 - 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:** 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:** 10/8/2017

**Plant Habit:** Upright oval

**Plant Height:** 8-12 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

**Landscape Uses:** Wildlife, specimen, small/confined areas

**Overall Plant Health:** Fair

**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. Canopy on one of two is a little thin there are a few dead branches but only makes up about 10% of canopy. Has moderate suckering. Vigor on both seems to be improving in 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:** 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:** 10/8/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 12-18 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

**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:** 10/8/2017

**Plant Habit:** Round to broad oval

**Plant Height:** 25-35 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:** 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

**Aesthetics:** Fair

**Fall Color:** yellow

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

**Persistence:** 1-2 weeks

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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:** 10/8/2017

**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 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:** 10/8/2017

**Plant Habit:** Broad oval to round

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

**Plant Width:** 25-35 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

**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:** 10/8/2017

**Plant Habit:** Round to broad oval

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

**Plant Width:** 15-22 ft.

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

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Wildlife, specimen

**Overall Plant Health:** Good

**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:** Yes

**Comments on plant:**

**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, F0

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Broad oval, multistem

**Plant Height:** 12-17 ft.

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

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

**Foliage Color:** Medium green

**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:** Tan/green, not showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** No suckering

**Recommended:** Yes

**Comments on plant:**

**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:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

**Date of observation:** 10/26/2017

**Persistence:** 1-2 weeks

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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:** 10/8/2017

**Plant Habit:** Broad oval

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

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

**Current Seasons Growth:** 10-15 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:** 10/8/2017

**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

**Landscape Uses:** Specimen

**Overall Plant Health:** Fair

**Fruit Present:** Few fruit

**Fruit Color:** Light green turning to red

**Insect Pests:**

**Pest Severity:**

**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:** 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:**  
**Cultivar:** Pink Satin Crabapple **Family:** Rosaceae **Tsnum:** 02083  
**Common Name:** Pink Satin Crabapple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** E1

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Broad oval to round

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

**Plant Width:** 15-20 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:** Red Barron  
**Common Name:** Red Barron Crabapple  
**Source:** Carlton Plants

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 09079  
**Location:** E2

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Upright oval

**Plant Height:** 15-20 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:** 10/9/2017

**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:** 10/9/2017

**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. Appears to be 40% dead.

**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

**Variety:**  
**Tsnum:** 02082

**Quantity observed:** 1 **Location:** F1

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Round to broad oval

**Plant Height:** 13-18 ft.

**Plant Width:** 18-25 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

**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:** Moderate 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 **Variety:**  
**Cultivar:** Sinai Fire **Family:** Rosaceae **Tsnum:** 90121  
**Common Name:** Sinai Fire Crabapple  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** F0

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 22-28 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, 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:** Lost some height from breakage from snow in May 2017.

**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:** 10/9/2017

**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:** Moderate 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:** Good

**Fall Color:** Yellow

**Date of observation:** 10/26/2017

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Malus x **Variety:**  
**Cultivar:** Thunderchild **Family:** Rosaceae **Tsnum:** 97059  
**Common Name:** Thunderchild Crabapple  
**Source:** A. McGill & Son Nursery **Quantity observed:** 2 **Location:** E1, G0

**Observation Date of Plant:** 10/8/2017  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 15-20 ft.  
**Plant Width:** 14-18 ft.  
**Current Seasons Growth:** 6-12 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:** 9/5/2017  
**Plant Habit:** Vase but becoming wider and open  
**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:** 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. Mild 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:** 10/8/2017

**Plant Habit:** Broad oval to round

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

**Plant Width:** 20-27 ft.

**Current Seasons Growth:** 12-18 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:** 10/26/2017

**Aesthetics:** Fair

**Persistence:** 1-2 weeks

**Fall Color:** Orange/red and still some green

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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:** 10/8/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 30-37 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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**Scientific Name:** Metasequoia glyptostroboides **Variety:**  
**Cultivar:** JFS-PN3Legacy **Family:** Cupressaceae **Tsnum:** 16015  
**Common Name:** Jade Prince Dawn Redwood  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Somewhat pyramidal

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

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

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

**Foliage Color:** Bright green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Specimen, landscape

**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 2017 - too soon to recommend. One of two looks good but second has a thin crown and looks weak.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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

---

**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:** 9/15/2017

**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:** Fair to 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. About 5% is dead 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:** Good

**Fall Color:** bright golden yellow

**Date of observation:** 10/28/2003

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 9/4/2017

**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:** Fair

**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:** Marginal

**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. May not be 'Chapparal' since growth habit is different than stated in other

**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

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 9/15/2017

**Plant Habit:** Upright oval to round

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

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

**Current Seasons Growth:** 20-30 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:**

**2018 Woody Plant Evaluations**  
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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:** 10/8/2017

**Plant Habit:** Pyramidal

**Plant Height:** 20-25 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:** 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

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 10/8/2017

**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

**Aesthetics:** Good

**Fall Color:** Yellow

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

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Ostrya virginiana **Variety:**  
**Cultivar:** JFS-KW5 **Family:** Betulaceae **Tsnum:** 16024  
**Common Name:** Autumn Treasure Hophornbeam  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 4-5 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:** Street tree, 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 2017 - 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:**

**2018 Woody Plant Evaluations  
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---

**Scientific Name:** Ostrya virginiana **Variety:**  
**Cultivar:** JFS-KW5 **Family:** Betulaceae **Tsnum:** 16017  
**Common Name:** Autumn Treasure Hophornbeam  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** F4

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 10-13 ft.

**Plant Width:** 5-7 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:** 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 2017 - 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:**



**2018 Woody Plant Evaluations  
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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:** 9/30/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 15-20 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 three winters. 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

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*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:* 9/23/2017

*Plant Habit:* Vase

*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:* 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

*Aesthetics:* Fair

*Fall Color:* Light yellow

*Date of observation:* 10/10/2011

*Persistence:* 1 week

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 10/3/2018

**Plant Habit:** Upright oval

**Plant Height:** 5-7 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:** 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 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:**

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 9/23/2017

**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:** Appears a little leggy - 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

**2018 Woody Plant Evaluations  
at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 10/9/2017  
**Plant Habit:** Upright oval to round  
**Plant Height:** 50-60 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:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

**2018 Woody Plant Evaluations  
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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:** 10/1/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 3-4 ft.

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

**Foliage Color:** Medium green with yellow on new growth

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**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:**

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 10/8/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 1-3 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

**Aesthetics:** Fair

**Fall Color:** yellow

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

**Persistence:** 1-2 weeks

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 9/29/2018

**Plant Habit:** Irregular

**Plant Height:** 2-4 ft.

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

**Current Seasons Growth:** 6-12 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 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 2013. Fine foliage is attractive but canopy is thin and weak.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of Flower Coverage:**

**Bloom Stage:**

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**







**2018 Woody Plant Evaluations**  
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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:** 10/2/2018

**Plant Habit:** Round to broad oval

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

**Plant Width:** 10-12 ft.

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

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

*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:* 10/2/2018

*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:* 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

*Date of observation:* 9/23/2004

*Aesthetics:* Fair

*Persistence:* 2-4 weeks

*Fall Color:* Yellow

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 9/13/2017

**Plant Habit:** Broad oval, arching

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

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

**Current Seasons Growth:** 36-48 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:**

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**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:** 9/5/2017

**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 to good

**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. Has slight chlorosis.

**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:**

**2018 Woody Plant Evaluations**  
**at the Plant Environmental Research Center, Colorado State University, Fort Collins, CO**

---

**Scientific Name:** Physocarpus opulifolius **Variety:** -0-  
**Cultivar:** `Nana' **Family:** Rosaceae **Tsnum:** 85082  
**Common Name:** Dwarf Ninebark  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 2 **Location:** C0

**Observation Date of Plant:** 9/4/2017

**Plant Habit:** Broad oval to round

**Plant Height:** 4 - 5 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/13/2017

**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:** 1 **Location:** D0

**Observation Date of Plant:** 9/13/2017

**Plant Habit:** spreading

**Plant Height:** 2-3.5 ft.

**Plant Width:** 4-6 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:** 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. 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:** 9/13/2017

**Plant Habit:** Upright, irregular

**Plant Height:** 5-6 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:** 9/5/2017

**Plant Habit:** Arching, irregular

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

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

**Current Seasons Growth:** 2-5 ft.

**Foliage Color:** Yellow to light green maturing to 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:** 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.

**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:** Donna May **Family:** Rosaceae **Tsnum:** 12061  
**Common Name:** Little Devil Ninebark  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D0

**Observation Date of Plant:** 9/14/2017

**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:** 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:** Planted in 2013. Plant and foliage is more dwarf/compact. One of two has dieback from past and is only half as large as second 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:** Physocarpus opulifolius **Variety:**  
**Cultivar:** Mindia **Family:** Rosaceae **Tsnum:** 12029  
**Common Name:** Coppertina Ninebark  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** D0

**Observation Date of Plant:** 9/13/2017

**Plant Habit:** Irregular

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

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

**Current Seasons Growth:** 12-24 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:** 9/13/2017

**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:** 4 **Location:** D0, E0

**Observation Date of Plant:** 9/13/2017

**Plant Habit:** Irregular, some arching

**Plant Height:** 4-6 ft

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

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

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/28/2017  
**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:** 8/28/2017  
**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  
**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:** 11/5/2018

**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 two 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:**  
**Cultivar:** Nidiformis **Family:** Pinaceae **Tsnum:** 18049  
**Common Name:** Nest Spruce  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** E13, CFA

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Broad oval

**Plant Height:** 1 ft.

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 3-4 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** 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:** 10/11/2018

**Plant Habit:** Weeping

**Plant Height:** 3-4 ft.

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

**Current Seasons Growth:** 6-8 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:** 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 abies **Variety:**  
**Cultivar:** Pumila **Family:** Pinaceae **Tsnum:** 18057  
**Common Name:** Dwarf Norway Spruce  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** CFA

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Broad oval

**Plant Height:** 1 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, 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 2018 - 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:** 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:** 11/2/2018

**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:** 11/2/2018

**Plant Habit:** Pyramidal

**Plant Height:** 25-30 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 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:** Picea glauca **Variety:**  
**Cultivar:** Conica **Family:** Pinaceae **Tsnum:** 18058  
**Common Name:** Dwarf Alberta Spruce  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** F13, CFA

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Pyramidal

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

**Plant Width:** 2 ft.

**Current Seasons Growth:** 2-3 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** 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:** 11/2/2018

**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:** 1 **Location:** F10

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Weeping, narrow

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

**Plant Width:** 3-4 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Picea meyeri **Variety:**  
**Cultivar:** **Family:** Pinaceae **Tsnum:** 18059  
**Common Name:** Meyer Spruce  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F10, CFA

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Pyramidal

**Plant Height:** 3-4 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 6-8 in.

**Foliage Color:** Blue green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, urban 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 2018 - too soon to recommend. Has a nice dense, 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 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:** 11/1/2018

**Plant Habit:** Narrow pyramidal

**Plant Height:** 12-18 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:** 11/5/2018

**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:** 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:** 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:** 2 **Location:** G10

**Observation Date of Plant:** 11/1/2018

**Plant Habit:** Pyramidal

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

**Plant Width:** 20-25 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:** 11/6/2018

**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. Moved in Fall of 2016 due to construction of football practice fields.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 11/1/2018

**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:** 11/1/2018

**Plant Habit:** round

**Plant Height:** 3-3.5 ft.

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

**Current Seasons Growth:** 3-5 in.

**Foliage Color:** Blue

**Bark Characteristics:** Unimportant

**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:** Half of canopy on one of two trees died back from unknown cause in 2016 but could be possible disease. Does not appear to active in 2018.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 Slenderina Pendu **Family:** Pinaceae **Tsnum:** 18060  
**Common Name:** Slenderina® Weeping Blue Spruce  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F10, CFA

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Young, undefined

**Plant Height:** 4 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 6-8 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** 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:** 11/1/2018

**Plant Habit:** Pyramidal

**Plant Height:** 16-22 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:**  
**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:** 11/1/2018

**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:** 11/1/2018

**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:** 11/5/2018

**Plant Habit:** Pyramidal

**Plant Height:** 20-28 ft.

**Plant Width:** 15-20 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:** 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:** Pieris  
**Cultivar:** Conrabideau                      **Family:** Ericaceae                      **Variety:**  
**Common Name:** Angel Falls Pieris                      **Tsnum:** 14085  
**Source:** The Conard Pyle Co.                      **Quantity observed:** 1                      **Location:** CFA

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Young, undefined

**Plant Height:** 8-12 in

**Plant Width:** 10-15 in

**Current Seasons Growth:** 3-4 in.

**Foliage Color:** Variegated, mostly medium green with white and red on edge.

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**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:** Planted in 2018 - 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:** 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:** 10/2/2018

**Plant Habit:** Pyramidal

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

**Plant Width:** 10-15 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:** 11/5/2018

**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. Looks a little 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 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:** 11/5/2018

**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. Canopy is fairly 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:** 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:** 11/5/2018

**Plant Habit:** Pyramidal or irregular

**Plant Height:** 8-12 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:** 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:** 11/5/2018

**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:**

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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:** 11/2/2018

**Plant Habit:** Narrow, pyramidal

**Plant Height:** 40-50 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:** 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:** Canopy still looks a little thin and seems to be exuding sap on 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:** 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:** 11/5/2018

**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:** 11/1/2018

**Plant Habit:** Broad oval

**Plant Height:** 3 ft.

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

**Current Seasons Growth:** 1 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

**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. Vigor is low from being 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:** 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:** 11/5/2018

**Plant Habit:** Broad oval

**Plant Height:** 2 ft.

**Plant Width:** 3-5 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 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:** Arnold Sentinel **Family:** Pinaceae **Tsnum:** 03156  
**Common Name:** Arnold Sentinel Austrian Pine  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** DH

**Observation Date of Plant:** 11/2/2018

**Plant Habit:** Columnar

**Plant Height:** 15-20 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, 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 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:**  
**Cultivar:** Prerrick Bregeon **Family:** Pinaceae **Tsnum:** 14157  
**Common Name:** Brepo Austrian Pine - Tree Form  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** F11

**Observation Date of Plant:** 11/5/2018

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 1-2 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:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** 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:** 2 **Location:** D3

**Observation Date of Plant:** 11/2/2018

**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:** 11/5/2018

**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 borer or disease 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:** 03157  
**Common Name:** Columnar Eastern White Pine  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** F12, CFA

**Observation Date of Plant:** 11/5/2018

**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:** Scale one of two trees

**Pest Severity:** moderate

**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:** Fastigiata **Family:** Pinaceae **Tsnum:** 03018  
**Common Name:** Fastigiata White Pine  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** CFA

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Columnar

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

**Plant Width:** 8-11 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:** Nana **Family:** Pinaceae **Tsnum:** 15088  
**Common Name:** Dwarf Eastern White Pine  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** F12

**Observation Date of Plant:** 11/5/2018

**Plant Habit:** Round

**Plant Height:** 2 ft.

**Plant Width:** 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:** 11/5/2018

**Plant Habit:** Weeping

**Plant Height:** 12-16 ft.

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

**Current Seasons Growth:** 10-15 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:** 11/5/2018  
**Plant Habit:** Upright oval becoming irregular  
**Plant Height:** 12-18 ft.  
**Plant Width:** 7-10 ft.  
**Current Seasons Growth:** 6-12 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.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 11/5/2018

**Plant Habit:** Pyramidal

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

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

**Current Seasons Growth:** 10-20 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:** 11/2/2018

**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:** One of two trees seems to have a thinner 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:** 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:** 11/2/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 1 **Location:** E11

**Observation Date of Plant:** 11/5/2018

**Plant Habit:** Upright, irregular

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

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

**Current Seasons Growth:** 6-8 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

**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. 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/15/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 20-30 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:**

**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:** 9/28/2017

**Plant Habit:** Upright oval, pyramidal

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

**Plant Width:** 14-18 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow/brown

**Date of observation:** 10/17/2017

**Persistence:** 1-2 weeks

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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:** 10/4/2018  
**Plant Habit:** Upright oval, somewhat pyramidal  
**Plant Height:** 12-18 ft.  
**Plant Width:** 8-12 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. Growing much better than the elms surrounding it.

**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 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:* 9/30/2018

*Plant Habit:* Upright oval

*Plant Height:* 30-40 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.

*Observation Date of Flowers:*

*Flower Color:*

*Flower Type:*

*Flower Effect:*

*% of 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:** -0-  
**Cultivar:** -0- **Family:** Salicaceae **Tsnum:** 89143  
**Common Name:** White Poplar  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** E8

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Upright oval, multi stem

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

**Plant Width:** 15-20 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:* 9/30/2018

*Plant Habit:* Upright oval

*Plant Height:* 75-85 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 deltoides **Variety:** -0-  
**Cultivar:** -0- **Family:** Salicaceae **Tsnum:** 82221  
**Common Name:** Cottonwood  
**Source:** USDA, Glendale, MD **Quantity observed:** 1 **Location:** D8

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Upright oval

**Plant Height:** 65-75 ft.

**Plant Width:** 45-60 ft.

**Current Seasons Growth:** 10-18 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:** Canker, wet wood

**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

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 9/23/2004

**Persistence:** 2-4 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:** 7/26/2018

**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:** 9/26/2018

**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:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Slight injury on about 1-2% 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:** 9/30/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 20-25 ft.  
**Plant Width:** 10-14 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, 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:** NE Arb **Family:** Salicaceae **Tsnum:** 15058  
**Common Name:** Prairie Gold Aspen  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C7

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 4-6 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:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2017 - 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:** Populus tremuloides **Variety:**  
**Cultivar:** NE Arb **Family:** Salicaceae **Tsnum:** 15058  
**Common Name:** Prairie Gold Aspen  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** C8

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 2-3 ft.

**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:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2017. 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:** Populus x **Variety:** -0-  
**Cultivar:** Brooks No. 6 **Family:** Salicaceae **Tsnum:** 90019  
**Common Name:** Brooks No. 6 Poplar  
**Source:** Jewell Nursery, Inc. **Quantity observed:** 1 **Location:** E9

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Upright oval

**Plant Height:** 60-70 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:** 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

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**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:** 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:** 7/26/2018

**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:** Good

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

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Twig galls, aphids

**Pest Severity:** Slight injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**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, 2010 or 2018.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/30/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Potentilla fruticosa **Variety:**  
**Cultivar:** Bailbrule **Family:** Rosaceae **Tsnum:** 16083  
**Common Name:** First Editions Crème Brulee Potentilla  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** C1, C2

**Observation Date of Plant:** 9/14/2017

**Plant Habit:** Young, undefined

**Plant Height:** 1-2 ft.

**Plant Width:** 1-4 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:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2017 - too soon to recommend.

**Observation Date of Flowers:** 9/13/2017

**Flower Color:** White/cream

**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:** Potentilla fruticosa **Variety:**  
**Cultivar:** Bailcitrus **Family:** Rosaceae **Tsnum:** 17072  
**Common Name:** First Editions Citrus Tart Potentilla  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** C1, C2, D1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Round

**Plant Height:** 2 ft.

**Plant Width:** 2 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:** n/a

**Comments on plant:** Planted in 2017 - 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:** Potentilla fruticosa **Variety:**  
**Cultivar:** Bailmeringue **Family:** Rosaceae **Tsnum:** 16084  
**Common Name:** First Editions Lemon Meringue Potentilla  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** D1

**Observation Date of Plant:** 9/15/2017

**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:** 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:** n/a

**Comments on plant:** Planted in 2017 - 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:** Potentilla fruticosa **Variety:** -0-  
**Cultivar:** Catherine Dykes **Family:** Rosaceae **Tsnum:** 78131  
**Common Name:** Katherine Dykes Cinquefoil  
**Source:** Unknown **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 9/14/2017

**Plant Habit:** Broad oval

**Plant Height:** 2-4 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:** 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. Growth habit is less uniform than others. Looks slightly chlorotic but should improve in future since nearby plants removed to reduce shading.

**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:** Goldfinger **Family:** Rosaceae **Tsnum:** 85110  
**Common Name:** Goldfinger Cinquefoil  
**Source:** Forrest Keeling Nursery **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 9/15/2017

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 4-6 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:** Vigor may improve now that nearby plants were removed and has more space.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/13/2017

**Plant Habit:** Broad oval

**Plant Height:** 3-4.5 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:** 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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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:** 1 **Location:** C2, C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Broad oval

**Plant Height:** 3-4.5 ft.

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

**Current Seasons Growth:** 10-15 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 February 2007. About 15% of canopy is moderately chlorotic from unknown cause.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/13/2017  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 4-5 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. Is moderately chlorotic from unknown cause.

**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:* 9/13/2017

*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. 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:*

*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:** 9/13/2017

**Plant Habit:** Irregular or round

**Plant Height:** 3-4.5 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:**  
**Cultivar:** Sunspot **Family:** Rosaceae **Tsnum:** 94086  
**Common Name:** Sunspot Potentilla  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C1

**Observation Date of Plant:** 9/13/2017

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

**Plant Width:** 4-7 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 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:**

**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:** 1 **Location:** D1

**Observation Date of Plant:** 9/15/2017

**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. Would probably look better with full sun.

**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:** Prunus **Variety:**  
**Cultivar:** Cripozam **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:** 10/3/2018  
**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:** Canker

**Disease Severity:** 5-10% of crown one of two

**Cultural Problems:**

**Nuisances:** Severe suckering

**Recommended:** Marginal

**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:** JFS-KW14 **Family:** Rosaceae **Tsnum:** 17029  
**Common Name:** First Blush Cherry  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC10-06, 08-06

**Observation Date of Plant:** 9/28/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 8-10 ft.  
**Plant Width:** 4-6 ft.  
**Current Seasons Growth:** 8-12 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:** 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 damaged by deer to lower 20-30% of canopy 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:**

**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:** 2 **Location:** SC10-06, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Weeping

**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

**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 and another in 2017 - 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:** Prunus **Variety:**  
**Cultivar:** Spring Wonder **Family:** Rosaceae **Tsnum:** 13029  
**Common Name:** Spring Wonder™ Sargent Cherry  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** SC09-15, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 6-12 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:** Yes

**Comments on plant:** Planted in 2014 and another in 2017. One of two lost 25% of branches to deer in 2018.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** mandshurica  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 81301  
**Common Name:** Manchurian Apricot  
**Source:** Denver Botanic Gardens **Quantity observed:** 1 **Location:** B6

**Observation Date of Plant:** 9/4/2017

**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.  
Vigor may improve with removal of nearby plants and more sun.

**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 armeniaca **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 78133  
**Common Name:** Apricot  
**Source:** Unknown **Quantity observed:** 1 **Location:** C2

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Broad oval

**Plant Height:** 18-25 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 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:** 10/3/2018

**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:** Marginal

**Comments on plant:** Planted in 2010. Developing a lot of gummosis around graft union and a little further up.

**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 cerasifera **Variety:**  
**Cultivar:** Cripozam **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:** 9/4/2017

**Plant Habit:** Columnar or narrow vase

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

**Plant Width:** 8-12 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, 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. Canopy is flopping to the side due to late May snowfall but looking better now.

**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:** 10/3/2018

**Plant Habit:** Broad oval to round

**Plant Height:** 12-18 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 one of two trees.

**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:** 9/5/2017

**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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/16/2017

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Prunus hortulana **Variety:**  
**Cultivar:** Ames 32077 **Family:** Rosaceae **Tsnum:** 15068  
**Common Name:** Hortulan Plum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 2 **Location:** C5

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 3-4 ft.

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** 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 2017 - 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:** Prunus hortulana **Variety:**  
**Cultivar:** Ames 32079 **Family:** Rosaceae **Tsnum:** 15070  
**Common Name:** Hortulan Plum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** C5

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Young, undefined

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4 ft.

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** 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 2017 - 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:** 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:** 9/23/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 50-60 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 not 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:** 9/4/2017  
**Plant Habit:** Upright oval becoming irregular  
**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:** Poor  
**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

**Aesthetics:** Excellent

**Fall Color:** purple, orange, red

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

**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:** 10/3/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 12-16 ft.  
**Plant Width:** 8-12 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:** Wildlife, specimen

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

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

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury

**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. Another tree was 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:** 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:** 9/4/2017  
**Plant Habit:** Upright oval  
**Plant Height:** 15-25 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 12-18 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 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:** 9/23/2017

**Plant Habit:** Vase

**Plant Height:** 27-34 ft.

**Plant Width:** 25-35 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:** 10/3/2018

**Plant Habit:** Vase

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

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

**Current Seasons Growth:** 4-8 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:** 1 **Location:** C5

**Observation Date of Plant:** 9/23/2017  
**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:**

**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 subhirtella **Variety:**  
**Cultivar:** Pishshazam **Family:** Rosaceae **Tsnum:** 11083  
**Common Name:** Pink Snow-Showers Weeping Cherry  
**Source:** Dr. Klett **Quantity observed:** 1 **Location:** C6

**Observation Date of Plant:** 9/4/2017

**Plant Habit:** weeping

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

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

**Current Seasons Growth:** 4-6 in.

**Foliage Color:** Medium green

**Bark Characteristics:** important

**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:** Moved in 2016 due to unavoidable construction so vigor is lower in 2017.

**Observation Date of Flowers:** 4/16/2018

**Flower Color:** Pink

**Flower Type:** Cluster

**Flower Effect:** Very showy

**% of Flower Coverage:** 70-80%

**Bloom Stage:** Near peak

**Comments on Flowers:** Not flowering at end of branches but still showy.

**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:** 9/4/2017

**Plant Habit:** Weeping

**Plant Height:** 5-6 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:** Moderate 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:** 9/4/2017

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

**Plant Width:** 3-4 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:** May be planted in too much shade.

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Nearby shrub shading plants due to being deformed by late snow in 2017.

**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 triloba **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 13121  
**Common Name:** Flowering Almond  
**Source:** Garden and Home Show **Quantity observed:** 6 **Location:** C6

**Observation Date of Plant:** 9/4/2017

**Plant Habit:** Young, undefined

**Plant Height:** 2-4 ft.

**Plant Width:** 3-5 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:** 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:** 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:** 9/14/2017

**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:**

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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:** 9/14/2017

**Plant Habit:** Spreading

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

**Plant Width:** 40-50 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, small heights/confined areas

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Both trees are severely chlorotic and defoliating from unknown cause. Foliage also has significant cupping. 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:** 9/30/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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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:** 2 **Location:** B1, B2

**Observation Date of Plant:** 10/2/2017

**Plant Habit:** Upright, irregular

**Plant Height:** 5 ft.

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

**Current Seasons Growth:** 2-4 in

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, shrub border, barrier

**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 fall of 2016. Had twig dieback during winter and low vigor all summer despite good location.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 2 **Location:** SC08-18, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Columnar

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

**Plant Width:** 3-4 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:** Yes

**Comments on plant:** Planted in 2016 and another in 2017. One of two suffered a broken branch from deer damage but it shouldn't be a major problem. Same tree also has a lot of suckers.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 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:** 10/3/2018

**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. 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:** 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:** 9/23/2017

**Plant Habit:** Upright oval

**Plant Height:** 20-30 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:** Fair to poor

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

**Overall Plant Health:** Fair to poor

**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:** Deformed by past snow load. Has moderate chlorosis. 20% of canopy is dead from unknown cause.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/3/2018

**Plant Habit:** Upright, irregular

**Plant Height:** 15-20 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 Callery Pear  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D1

**Observation Date of Plant:** 9/15/2017

**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 to poor

**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. 30% of top has severe chlorosis or dieback from

**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:** 9/23/2017

**Plant Habit:** Narrow, upright oval

**Plant Height:** 35-45 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:** 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:** 9/23/2017

**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:** 10/3/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 7-10 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:**

**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:** 9/23/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 25-32 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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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:** 9/23/2017

**Plant Habit:** Upright oval

**Plant Height:** 35-45 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.  
Lower branches getting shaded out.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/4/2018

**Plant Habit:** Upright oval

**Plant Height:** 12-16 ft.

**Plant Width:** 8-12 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. Looks great.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:**  
**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:** 10/3/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 6-8 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, 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:** 9/23/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 4-6 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

**Overall 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. Has a slight lean to top 20% probably deformed by heavy snow in May 2017.

**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:** 9/23/2017

**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:** 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 2011.

**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:** 9/23/2017  
**Plant Habit:** Narrow, upright oval becoming irregular  
**Plant Height:** 32-40 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:** 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 but getting close to normal.

**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:** 10/3/2018

**Plant Habit:** Upright oval

**Plant Height:** 18-24 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:** Canker

**Disease Severity:** Moderate to severe on one of three

**Cultural Problems:**

**Nuisances:** Slight suckering

**Recommended:** Yes

**Comments on plant:** Slightly deformed by past snow loads. Planted in arboretum in 2002. One of three has a lot of bark falling off trunk from canker and 20% of canopy is dead but the other two look good

**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 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:** 10/3/2018

**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:** 10/2/2018

**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:** 9/23/2017

**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:** Fair

**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:** Slight injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Usually starts defoliating in August due to foliar disease but not much of a problem in 2017. Canopy is still a little thin.

**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:** 9/12/2017

**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. This could become wider if

**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:** 10/3/2018

**Plant Habit:** Broad oval to round

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

**Plant Width:** 15-20 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:** Abundant

**Fruit Color:** Army green/tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One tree was moved in 2017 due to unavoidable construction but looked like it was doing well in 2017.

**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:** 9/23/2017  
**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:** 10/3/2018  
**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:** 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:** 10/2/2018  
**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:** 9/5/2017

**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 to 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:** Marginal

**Comments on plant:** Severely misshapen due to storm damage. Appears mildly 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:** 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:** 10/9/2017

**Plant Habit:** Irregular

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

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

**Current Seasons Growth:** 4-8 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:** Fair

**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:** 8/28/2017

**Plant Habit:** Young, undefined

**Plant Height:** 4-6 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:** Poor

**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Poor

**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:** No

**Comments on plant:** Planted in 2013. Very chlorotic. Poor 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:** -0-  
**Cultivar:** -0- **Family:** Fagaceae **Tsnum:** 78108  
**Common Name:** Swamp White Oak  
**Source:** Bath Nursery **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 8/30/2017

**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:** Poor

**Landscape Uses:** 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:** No

**Comments on plant:** Very chlorotic. 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:** 9/28/2017

**Plant Habit:** Young, undefined

**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:** Fair

**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:**

**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:** Fair to good

**Fall Color:** Golden yellow, tan

**Date of observation:** 11/13/2017

**Persistence:** 1-2 weeks

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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:** 8/30/2017  
**Plant Habit:** Young, undefined  
**Plant Height:** 7-9 ft.  
**Plant Width:** 3-4 ft.  
**Current Seasons Growth:** 2-4 in

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**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:**

**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:** 10/2/2018

**Plant Habit:** Upright, narrow columnar

**Plant Height:** 8-10 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.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** A4

**Observation Date of Plant:** 8/30/2017

**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:** 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. 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:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow

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

**Persistence:** 1-2 weeks



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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:** 10/2/2018

**Plant Habit:** Upright oval

**Plant Height:** 25-35 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. The one would probably look better with full 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:** 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:** 8/30/2017

**Plant Habit:** Upright oval

**Plant Height:** 10-15 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:** 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:** 78106  
**Common Name:** Gambel Oak  
**Source:** Western Evergreen Nursery **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 8/30/2017

**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 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:** 10/9/2017

**Plant Habit:** Round, multi-stem

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

**Plant Width:** 35-45 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:** Attractive but suckers are a problem.

**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 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:** 8/30/2017

**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

**Aesthetics:** Fair

**Fall Color:** copper, bronze, yellow

**Date of observation:** 9/23/2004

**Persistence:** 1-2 weeks

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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:** 10/2/2018

**Plant Habit:** Upright oval

**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-KW14 **Family:** Fagaceae **Tsnum:** 16027  
**Common Name:** Cobblestone Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 5-7 ft.

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

**Foliage Color:** 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:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2017 - 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 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:** 9/5/2017

**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:** Fall color

**Aesthetics:** Fair

**Fall Color:** Yellow, brown

**Date of observation:** 10/16/2017

**Persistence:** 1-2 weeks

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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:** 10/9/2017

**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:** Poor

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

**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:** 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 but probably canker.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/9/2017

**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 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:** 10/12/2018

**Plant Habit:** Columnar

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

**Plant Width:** 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/30/2017  
**Plant Habit:** Upright oval  
**Plant Height:** 6-7 ft.  
**Plant Width:** 3-5 ft.  
**Current Seasons Growth:** 1-2 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  
**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:** Marginal  
**Comments on plant:** Planted in 2013. Leaning to one side due to unknown cause. Foliage developing a lot of powdery mildew.

**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:**  
**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:** 10/2/2018

**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

**Aesthetics:** Fair

**Fall Color:** Yellow

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

**Persistence:** 1-2 weeks

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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:** 9/5/2017  
**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:** 8/30/2017

**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:** 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/28/2017

**Plant Habit:** Round

**Plant Height:** 40-50 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:** 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 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:** 10/9/2017

**Plant Habit:** Columnar

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

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 3-4 in.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Poor

**Landscape Uses:** Specimen, confined areas

**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:** Marginal

**Comments on plant:** Planted in 2012. Vigor is a little low - 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

**Aesthetics:** Good

**Fall Color:** Red, darker shades

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

**Persistence:** 1-2 weeks





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---

**Scientific Name:** Quercus shumardii **Variety:**  
**Cultivar:** **Family:** Fagaceae **Tsnum:** 16028  
**Common Name:** Shumard Oak  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shade tree, street tree, lawn 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 2017 - 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:** 10/3/2018  
**Plant Habit:** Young, undefined  
**Plant Height:** 6 ft.  
**Plant Width:** 1-2 ft.  
**Current Seasons Growth:** 3-4 in.

**Foliage Color:** Dark green  
**Bark Characteristics:** Intermediate importance  
**Plant Summer Texture:** Coarse  
**Aesthetic Plant Quality:** Fair to poor  
**Landscape Uses:** Specimen, 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 2016. Vigor is very low.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 8/30/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 5-7 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, 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 2011. May have better vigor 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:** 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:** 10/2/2018

**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. Second tree is significantly smaller 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:** 10/16/2003

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Rhamnus caroliniana **Variety:**  
**Cultivar:** **Family:** Rhamnaceae **Tsnum:** 03148  
**Common Name:** Carolina Buckthorn  
**Source:** Texas **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 10/5/2018

**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:** Few

**Fruit Color:** Black

**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:** 10/1/2018

**Plant Habit:** Broad oval

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

**Plant Width:** 30-40 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:** 8/30/2017

**Plant Habit:** Upright oval

**Plant Height:** 10-12 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, small tree

**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. One of two has 50% dieback from too much 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:** 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:** 9/30/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 6-8 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:** 10/1/2018

**Plant Habit:** Broad oval

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

**Plant Width:** 25-35 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:** Rhododendron **Variety:**  
**Cultivar:** UMNAZ 493 **Family:** Ericaceae **Tsnum:** 16085  
**Common Name:** First Editions Electric Lights Double Pink Azalea  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** C2

**Observation Date of Plant:** 9/13/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 1-2 ft.

**Current Seasons Growth:** 3-7 in.

**Foliage Color:** Medium 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:** n/a

**Comments on plant:** Planted in 2017 - 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:** 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:** 9/23/2017

**Plant Habit:** Broad oval

**Plant Height:** 5-7 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:** 8/28/2017

**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. Plants may be wider if they 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 1 **Location:** D4

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Spreading

**Plant Height:** 6-7 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/23/2017

**Plant Habit:** Young, undefined

**Plant Height:** 3-7 ft

**Plant Width:** 3-8 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:** 9/23/2017

**Plant Habit:** Broad oval

**Plant Height:** 6 - 10 ft.

**Plant Width:** 20-25 ft

**Current Seasons Growth:** 1 - 1.5 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:** 8/30/2017

**Plant Habit:** Round to broad oval

**Plant Height:** 6-9 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:** 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. May grow wider 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:** 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:** 8/29/2017

**Plant Habit:** Broad oval

**Plant Height:** 6-8 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:** Xeriscape, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Red/orange

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Getting shaded from nearby plants.

**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 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:** 10/1/2018

**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:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/29/2018

**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:** 9/29/2018

**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:** Too much shade from nearby plants

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/27/2018

**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:** 9/29/2018  
**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 2 **Location:** D7

**Observation Date of Plant:** 9/30/2018

**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. Rejuvenated in 2008.

**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:** 10/1/2018

**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:** 9/30/2018

**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 it seemed 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:** 9/30/2018

**Plant Habit:** Round

**Plant Height:** 3-4 ft.

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** 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:** 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:** Ribes species **Variety:** -0-  
**Cultivar:** -0- **Family:** Saxifragaceae **Tsnum:** 85175  
**Common Name:** Currant  
**Source:** Unknown **Quantity observed:** 1 **Location:** E6

**Observation Date of Plant:** 10/1/2018  
**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:** 10/2/2018

**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 to poor

**Landscape Uses:** 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:** Yes

**Comments on plant:** Would probably look better 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:** Ribes uva-crispa **Variety:**  
**Cultivar:** Red Jacket **Family:** Grossulariaceae **Tsnum:** 03162  
**Common Name:** Comanche Gooseberry  
**Source:** Fort Collins Nursery **Quantity observed:** 1 **Location:** G1

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 3-4 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:** Barrier, fruit, 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 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:** 7/20/2018

**Plant Habit:** Upright, irregular

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

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

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

**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 hispida x macrophylla      **Variety:**  
**Cultivar:** Globe      **Family:** Fabaceae      **Tsnum:** 96077  
**Common Name:** Flowering Loose Globe Locust  
**Source:** Carlton Plants      **Quantity observed:** 1      **Location:** DH

**Observation Date of Plant:** 9/14/2017

**Plant Habit:** Round

**Plant Height:** 12-18 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:** Fair to good

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

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Borers

**Pest Severity:** Moderate injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Susceptible to snow damage due to congested branching. Borers are causing weakening of branches resulting in 25-30% of canopy breaking out of tree with just mild breezes in 2013 but minimal in 2015 and 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:** 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:** 7/20/2018  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 10-15 ft.  
**Current Seasons Growth:** 8-12 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:** Borers  
**Pest Severity:** Slight to moderate 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:** 7/20/2018

**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:** Moderate 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.  
Has slight chlorosis overall.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 7/20/2018

**Plant Habit:** Upright oval

**Plant Height:** 10-15 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:** 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 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 50-60 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:** AAC333 (a.k.a. Oscar Pe **Family:** Rosaceae **Tsnum:** 18163  
**Common Name:** Easy Elegance® Oscar Peterson Rose  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** G3

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Round or irregular

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

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

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

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2018 - too soon to recommend.

**Observation Date of Flowers:** 9/29/2018

**Flower Color:** White

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 25-50%

**Bloom Stage:** Blooming

**Comments on Flowers:** All look good but one plant is very showy

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa  
**Cultivar:** BAface  
**Common Name:** Easy Elegance® Funny Face® Rose  
**Source:** Bailey Nurseries

**Variety:**  
**Tsnum:** 18164

**Family:** Rosaceae

**Quantity observed:** 4 **Location:** G3

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Round or irregular

**Plant Height:** 2 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

**Overall Plant Health:** Good

**Fruit Present:** Few

**Fruit Color:** Green

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2018 - too soon to recommend.

**Observation Date of Flowers:** 9/29/2018

**Flower Color:** Pink

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 20.00%

**Bloom Stage:** Blooming

**Comments on Flowers:** Not a lot of blooms but still showy late in season.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Chi-red **Family:** Rosaceae **Tsnum:** 18165  
**Common Name:** Easy Elegance® Chi Rose  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** G3

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Irregular

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

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, barrier plant

**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 2018 - too soon to recommend

**Observation Date of Flowers:** 9/29/2018

**Flower Color:** Red

**Flower Type:** Cluster, double petals

**Flower Effect:** Good

**% of Flower Coverage:** 30.00%

**Bloom Stage:** Blooming

**Comments on Flowers:** Red flower really pops against dark green foliage.

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Kolorscape Cardinal **Family:** Rosaceae **Tsnum:** 16078  
**Common Name:** Kolorscape Cardinal Rose  
**Source:** Ball Ingenuity **Quantity observed:** 3 **Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

**Plant Height:** 2 ft.

**Plant Width:** 3-4 ft.

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

**Foliage Color:** Medium to 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 2016. One of three had slight chlorosis.

**Observation Date of Flowers:** 9/12/2017

**Flower Color:** Red

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 10-20%

**Bloom Stage:** Open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa **Variety:**  
**Cultivar:** Kolorscape Flamingo **Family:** Rosaceae **Tsnum:** 16074  
**Common Name:** Kolorscape Flamingo Rose  
**Source:** Ball Ingenuity **Quantity observed:** 3 **Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

**Plant Height:** 3 ft.

**Plant Width:** 3-4 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:** 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 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:** Rosa **Variety:**  
**Cultivar:** Kolorscape Flamingo **Family:** Rosaceae **Tsnum:** 16074  
**Common Name:** Kolorscape Flamingo Rose  
**Source:** Ball Ingenuity **Quantity observed:** 3 **Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

**Plant Height:** 3 ft.

**Plant Width:** 3-4 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:** 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 2016.

**Observation Date of Flowers:** 9/12/2017

**Flower Color:** Dark pink

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 10%

**Bloom Stage:** Open

**Comments on Flowers:**

**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:** 2 **Location:**

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 2-3 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:**

**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:** 9/12/2017

**Flower Color:** Salmon

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 20%

**Bloom Stage:** Open

**Comments on Flowers:** Very showy

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa  
**Cultivar:** Meigalpio  
**Common Name:** Red Drift® Rose  
**Source:** Greenleaf Nursery Co.

**Family:** Rosaceae  
**Quantity observed:** 2

**Variety:**  
**Tsnum:** 15117  
**Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Broad oval

**Plant Height:** 12-18 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 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:** Yes

**Comments on plant:** Planted in 2015. Nice compact growth habit. One of two is moderately chlorotic 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:** Rosa  
**Cultivar:** Meiggili  
**Common Name:** Peach Drift® Rose  
**Source:** Greenleaf Nursery Co.

**Family:** Rosaceae  
**Quantity observed:** 2

**Variety:**  
**Tsnum:** 15114  
**Location:**

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 2-3 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:**

**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:** 9/12/2017

**Flower Color:** Peach, pink with white shading

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 20%

**Bloom Stage:** Open

**Comments on Flowers:** Great flower color

**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:** 2 **Location:**

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 10-18 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:**

**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:** 9/12/2017

**Flower Color:** Rose colored with white eye

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 20%

**Bloom Stage:** Open

**Comments on Flowers:** Single petals.

**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:** DH

**Observation Date of Plant:** 8/10/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 1-2'

**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:**

**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:** 2 **Location:** C2, DH

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

**Plant Height:** 15-20"

**Plant Width:** 2.5-3.5'

**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:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2015. One plant would probably look better with 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:** Rosa **Variety:**  
**Cultivar:** Novarospop **Family:** Rosaceae **Tsnum:** 15116  
**Common Name:** Popcorn Drift® Rose  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 2 **Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Young, undefined

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

**Plant Width:** 1-2'

**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:**

**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:** 9/12/2017

**Flower Color:** Light yellow fading to almost white. Some pink in buf stage.

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 10-20%

**Bloom Stage:** Open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa  
**Cultivar:** Radrazz  
**Common Name:** Knock Out Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 2

**Variety:**  
**Tsnum:** 08040  
**Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Broad oval or round

**Plant Height:** 1-2 ft

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

**Observation Date of Flowers:** 9/12/2017

**Flower Color:** Deep pink, rose

**Flower Type:** Single

**Flower Effect:** Good

**% of Flower Coverage:** 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:** Rosa **Variety:**  
**Cultivar:** Sunrosa Yellow **Family:** Rosaceae **Tsnum:** 16075  
**Common Name:** Sunrosa Yellow Rose  
**Source:** Suntory Flowers **Quantity observed:** 3 **Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Round

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

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

**Current Seasons Growth:** 6-10 in

**Foliage Color:** Medium to dark green, glossy

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** fine

**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 2016.

**Observation Date of Flowers:** 9/12/2017

**Flower Color:** Yellow

**Flower Type:** Single

**Flower Effect:** Fair

**% of Flower Coverage:** 10-15%

**Bloom Stage:** Open

**Comments on Flowers:**

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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**Scientific Name:** Rosa **Variety:**  
**Cultivar:** ZLEEltonStrack **Family:** Rosaceae **Tsnum:** 16086  
**Common Name:** First Editions Above and Beyond Rose  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** C1

**Observation Date of Plant:** 9/22/2017

**Plant Habit:** Young, undefined

**Plant Height:** 2-4 ft.

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

**Current Seasons Growth:** 24-36 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:** 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:** 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:** 9/12/2017

**Plant Habit:** Upright

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

**Plant Width:** 1-3 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:** Poor

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** This plant id getting shaded out by nearby trees or would be much larger. May colonize an area by rhizomes.

**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 pu

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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:** 9/2/2017

**Plant Habit:** Irregular, arching

**Plant Height:** 4-6 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:** Fair to 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:** One of two would probably look better with 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:** 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:** 9/12/2017

**Plant Habit:** Upright, irregular

**Plant Height:** 1-2 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:** 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.

**Observation Date of Flowers:** 9/12/2017

**Flower Color:** white with a pink blush, cherry pink anthers

**Flower Type:** single

**Flower Effect:** Good

**% of Flower Coverage:** 10%

**Bloom Stage:** Flowers open

**Comments on Flowers:** Single petals, beautiful coloring, large petals

**Fall Color or Fruit:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Rosa x  
**Cultivar:** Meiklutz                      **Family:** Rosaceae                      **Variety:**  
**Common Name:** Fairy Meidiland Rose                      **Tsnum:** 07018  
**Source:** The Conard Pyle Co.                      **Quantity observed:** 1                      **Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Irregular, arching, open

**Plant Height:** 2 ft.

**Plant Width:** 2 ft.

**Current Seasons Growth:** 1-2 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. Has much less vigor and mildly chlorotic from unknown cause.

**Observation Date of Flowers:** 9/15/2013

**Flower Color:** Deep pink

**Flower Type:** Double petals

**Flower Effect:**

**% 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 x  
**Cultivar:** Meizmea  
**Common Name:** Carefree Spirit Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 3

**Variety:**  
**Tsnum:** 10142  
**Location:** C1, C2

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Upright oval or irregular

**Plant Height:** 2-4 ft.

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

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

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Barrier, 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:** Didn't have as much dieback as others in sudden, severe freeze November 2014.

**Observation Date of Flowers:** 9/12/2017

**Flower Color:** Red to deep pink

**Flower Type:** Cluster

**Flower Effect:** Good

**% of Flower Coverage:** 15-20%

**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:** Radtkopink  
**Common Name:** Double Pink Knock Out Rose  
**Source:** The Conard Pyle Co.

**Family:** Rosaceae  
**Quantity observed:** 1

**Variety:**  
**Tsnum:** 07019  
**Location:** C1

**Observation Date of Plant:** 9/12/2017

**Plant Habit:** Irregular, upright

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

**Plant Width:** 2-3 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:** Barrier, 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 2008.

**Observation Date of Flowers:** 9/12/2017

**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:** 9/12/2017  
**Plant Habit:** Broad oval, compact habit  
**Plant Height:** 18-24 in.  
**Plant Width:** 2 ft.  
**Current Seasons Growth:** 3-6 in.

**Foliage Color:** Medium to dark green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Hedge, barrier, specimen, shrub border

**Overall Plant Health:** Fair  
**Fruit Present:** Unimportant  
**Fruit Color:** Green to brown  
**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2008. Vigor is low and is moderately chlorotic from unknown cause.

**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:** 5      **Location:** GH

**Observation Date of Plant:** 9/12/2017  
**Plant Habit:** Upright, arching, irregular  
**Plant Height:** 4-6 ft  
**Plant Width:** 6-8 ft.  
**Current Seasons Growth:** 20-30 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:** 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:** 9/1/2017

**Flower Color:** Ruby/red

**Flower Type:** Single

**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:** 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:** 10/8/2017

**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:**

**Date of observation:**

**Aesthetics:**

**Persistence:**

**Fall Color:**



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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:** 10/2/2018  
**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:** Fair  
**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 **Date of observation:** 10/6/2008  
**Aesthetics:** Good **Persistence:** 1-2 weeks  
**Fall Color:** Golden yellow

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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:** 7/20/2018

**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 was affected in past but looks better now.

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Twigs are attractive/colorful all year long but less noticeable in the summer and maybe as it matures as well.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 candida **Variety:**  
**Cultivar:** Jefberg **Family:** Salicaceae **Tsnum:** 18166  
**Common Name:** First Editions® Iceberg Alley™ Sageleaf Willow  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** G4

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Young, undefined

**Plant Height:** 1-2 ft

**Plant Width:** 1-2 ft

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

**Foliage Color:** Gray 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:** n/a

**Comments on plant:** Planted in 2018 - 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:** Salix caprea **Variety:** -0-  
**Cultivar:** -0- **Family:** Salicaceae **Tsnum:** 84191  
**Common Name:** Pussy Willow  
**Source:** Skinner Wholesale Nursery In **Quantity observed:** 1 **Location:** F9

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Round

**Plant Height:** 7-10 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, 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:** Rejuvenated in 2017 and looks much better.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** F8

**Observation Date of Plant:** 10/2/2018

**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:** Fair

**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 has about 30-40% dead limbs in canopy.

**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 In **Quantity observed:** 1 **Location:** F9

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 3-4 ft.

**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:** Susceptible to storm damage

**Recommended:** Marginal

**Comments on plant:** Rejuvenated in 2017 and looks good again.

**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 pentandra **Variety:**  
**Cultivar:** Silver Lake **Family:** Salicaceae **Tsnum:** 06042  
**Common Name:** Silver Lake Willow  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** F9

**Observation Date of Plant:** 10/2/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 8-12 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, 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:** Growth habit is 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**



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---

**Scientific Name:** Salix x **Variety:** -0-  
**Cultivar:** Flame **Family:** Salicaceae **Tsnum:** 84201  
**Common Name:** Flame Willow  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** F7, F8

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 10-12 ft.

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

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to poor

**Landscape Uses:** Specimen, shrub border, erosion control

**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:** Keeps getting shorter due to dieback 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:** 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  
**Variety:** -0-  
**Family:** Salicaceae  
**Tsnum:** 88079  
**Quantity observed:** 1  
**Location:** F10

**Observation Date of Plant:** 10/2/2018  
**Plant Habit:** Broad oval to round but becoming irregular  
**Plant Height:** 30-40 ft.  
**Plant Width:** 40-50 ft.  
**Current Seasons Growth:** 12-18 in.

**Foliage Color:** Light green  
**Bark Characteristics:** Unimportant  
**Plant Summer Texture:** Fine  
**Aesthetic Plant Quality:** Fair to good  
**Landscape Uses:** Specimen, difficult sites

**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:** Decreased in width due to 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:** 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:** 10/2/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 7-10 ft

**Current Seasons Growth:** 3-4 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:** 2 **Location:** A11

**Observation Date of Plant:** 7/26/2018

**Plant Habit:** Irregular

**Plant Height:** 5-7 ft.

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

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

**Foliage Color:** Dark purple/red 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:** Dark green

**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 and almost dead.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 Lace **Family:** Caprifoliaceae **Tsnum:** 05101  
**Common Name:** Black Lace Elder  
**Source:** Proven Winners **Quantity observed:** 1 **Location:** A11

**Observation Date of Plant:** 7/26/2018

**Plant Habit:** Broad oval to round

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

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

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

**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:** 9/27/2018

**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 to remove dead branches.

**Recommended:** Yes

**Comments on plant:** Nice foliage to add textural interest to landscape but can colonize an area.

**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:** 9/27/2018

**Plant Habit:** Irregular

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

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

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

**Foliage Color:** Dark purple/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:** Planted in 2011. Seems to have some dieback from unknown cause but may look better in full sun. Foliage seems to fade to more of a dark green 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:** Sambucus nigra **Variety:**  
**Cultivar:** Madonna **Family:** Caprifoliaceae **Tsnum:** 06012  
**Common Name:** Madonna European Alder  
**Source:** Carlton Plants **Quantity observed:** 1 **Location:** A12

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 3-4.5 ft.

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 6-10 in.

**Foliage Color:** Variegated - light green with yellow edges which fade to white

**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:** Planted in arboretum in 2006. Variegated foliage is brighter toward the tips. May 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:** 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:** 9/27/2018

**Plant Habit:** Vase or irregular

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

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

**Current Seasons Growth:** 2-4 ft.

**Foliage Color:** Medium to dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**Aesthetic Plant Quality:** Fair

**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 to 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:** Sambucus racemosa **Variety:**  
**Cultivar:** Morden Golden Glow **Family:** Caprifoliaceae **Tsnum:** 17096  
**Common Name:** Morden Golden Glow Elderberry  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 3 **Location:** A13

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Young, undefined

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

**Plant Width:** 1-2 ft.

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

**Foliage Color:** Green/yellow

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Specimen, shrub border, wildlife

**Overall Plant Health:** Good

**Fruit Present:** None first year

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2017 - 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:** 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:** 10/4/2018

**Plant Habit:** Irregular or broad oval

**Plant Height:** 8-10 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:**









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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:** 9/29/2018

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/29/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 20-30 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:** Fall color

**Date of observation:** 11/8/2016

**Aesthetics:** Good

**Persistence:** 1-2 weeks

**Fall Color:** Yellow

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---

**Scientific Name:** Sorbaria kirikowii **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 02018  
**Common Name:** Falsespirea  
**Source:** Sjulín Nurseries **Quantity observed:** 3 **Location:** A0, A1

**Observation Date of Plant:** 8/29/2017  
**Plant Habit:** Upright oval some becoming round  
**Plant Height:** 6-9 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 1-3 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Fair  
**Landscape Uses:** Specimen, shrub border, erosion control

**Overall Plant Health:** Fair to good  
**Fruit Present:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Growth habit is much more uniform and attractive than most Sorbaria. Suckering appears to be less vigorous. Two of three are weak in 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:** Sorbaria sorbifolia **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 83178  
**Common Name:** Ural False Spirea  
**Source:** Bailey Nurseries **Quantity observed:** 5 **Location:** C2

**Observation Date of Plant:** 9/12/2017  
**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:** Colonizes the area and may become invasive.

**Recommended:** Marginal

**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

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**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:** 8/29/2017  
**Plant Habit:** Upright, colonizing area from suckers  
**Plant Height:** 3-4 ft.  
**Plant Width:** 7-9 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:** Suckering can colonize an area

**Recommended:** Yes

**Comments on plant:** Not as tall as some others. 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/29/2017

**Plant Habit:** Upright, irregular

**Plant Height:** 2-4 ft.

**Plant Width:** 6-8 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, shrub border

**Overall Plant Health:** Good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Suckering can colonize an area

**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:** 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:** 8/28/2017  
**Plant Habit:** Upright, colonizing area from suckers  
**Plant Height:** 4-7 ft.  
**Plant Width:** 10-14 ft.  
**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Medium green  
**Bark Characteristics:** Not very important  
**Plant Summer Texture:** 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:** Suckering can colonize an area  
**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:** 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:** 8/29/2017  
**Plant Habit:** Upright, irregular, colonizing area with suckers  
**Plant Height:** 5-7 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:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:** Suckering can colonize an area

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** p-p-

**Observation Date of Plant:** 8/29/2017

**Plant Habit:** Upright, irregular

**Plant Height:** 3-4 ft.

**Plant Width:** 5-7 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. Three plants look okay but small, one looks weak. 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:**

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**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:** 9/23/2017

**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

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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:** 9/23/2017

**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

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**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:** 10/9/2017

**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

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**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:** 9/23/2017

**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:** Moderate 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

**Aesthetics:** Good

**Fall Color:** yellow/orange/red

**Date of observation:** 11/2/2005

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Sorbus aucuparia **Variety:** -0-  
**Cultivar:** Cherokee **Family:** Rosaceae **Tsnum:** 85166  
**Common Name:** Cherokee Mountain Ash  
**Source:** Mount Arbor Nursery **Quantity observed:** 1 **Location:** C3

**Observation Date of Plant:** 9/23/2017

**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:** Wildlife, specimen, fall color

**Overall Plant Health:** Good

**Fruit Present:** Moderate fruiting, showy

**Fruit Color:** Orange/red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Tends to develop codominant leaders.

**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

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---

**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:** 9/23/2017

**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:** May be wider if it had more 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:** Excellent

**Fall Color:** orange/red

**Date of observation:** 11/2/2005

**Persistence:** 1-2 weeks



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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:** 3 **Location:** SC09-13, 09,14, HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Narrow upright oval

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

**Plant Width:** 4-6 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:** Specimen, 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 2016 and another in 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:** 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:** 9/5/2018  
**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/23/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 20-25 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 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:** 9/23/2017

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 4 in.

**Foliage Color:** Medium green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, wildlife

**Overall Plant Health:** Fair

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Canker

**Disease Severity:** Moderate injury

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

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Canker may kill tree but starting to look better than in 2015 so there is hope.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 **Variety:**  
**Cultivar:** Conalex **Family:** Rosaceae **Tsnum:** 13077  
**Common Name:** Lightning Strike Spirea  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** E2

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Young undefined

**Plant Height:** 1 ft

**Plant Width:** 1 ft

**Current Seasons Growth:** 1-2 in.

**Foliage Color:** Light 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:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in Fall 2016. One of two failed to establish in arboretum and second may not make it to next 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:**

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---

**Scientific Name:** Spiraea **Variety:**  
**Cultivar:** CP 11 DS 437 **Family:** Rosaceae **Tsnum:** 13084  
**Common Name:** Spirea  
**Source:** The Conard Pyle Co. **Quantity observed:** 2 **Location:** E2

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Young undefined

**Plant Height:** 1 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 3-6 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 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 arguta **Variety:** -0-  
**Cultivar:** -0- **Family:** Rosaceae **Tsnum:** 91088  
**Common Name:** Garland Spirea  
**Source:** Sherman Nursery **Quantity observed:** 2 **Location:** D3

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Broad oval to round

**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:** 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:** Yes

**Comments on plant:** Would probably look better with more sun and less crowding.

**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 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:** 9/16/2017  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 3-4 ft.  
**Plant Width:** 4-6 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:** Unimportant  
**Fruit Color:**  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** Marginal

**Comments on plant:** Planted in arboretum in 2005. Attractive round growth habit and dense canopy. Both have 20-30% dieback from unknown cause but may improve with rejuvenation pruning.

**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 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:** 9/16/2017

**Plant Habit:** Round to broad oval

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

**Plant Width:** 9-14 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 flexuosa **Variety:**  
**Cultivar:** **Family:** Rosaceae **Tsnum:** 01034  
**Common Name:** Spirea  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 3 **Location:** E1, E2

**Observation Date of Plant:** 10/8/2017  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 5-6 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:** 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.

**Observation Date of Flowers:** 5/8/2006  
**Flower Color:** White flowers, pink buds  
**Flower Type:** Cluster  
**Flower Effect:** Good  
**% of Flower Coverage:** 40-60%  
**Bloom Stage:** Flowers open  
**Comments on Flowers:** Anthers are prominent and create a soft, fuzzy appearance.

**Fall Color or Fruit:** Fall color **Date of observation:** 10/28/2005  
**Aesthetics:** Fair **Persistence:** 1 week  
**Fall Color:** Dropped leaves before any other Spirae

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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:** 9/16/2017

**Plant Habit:** Broad oval

**Plant Height:** 3-4.5 ft.

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

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

**Foliage Color:** Medium or 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:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** No

**Comments on plant:** Almost all stems have chlorosis. One of two is 70% dead.

**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:**  
**Cultivar:** Crispa **Family:** Rosaceae **Tsnum:** 85101  
**Common Name:** Crispa Japanese Spirea  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** E1

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Broad oval to round

**Plant Height:** 2-3 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:** 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:** Severe chlorosis affects all plants. Leaf margin is fine toothed and adds interest. Rejuvenated in February of 2007. 90% of plants are dead and in severe decline.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/16/2017

**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:** Fair to 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:** 10/8/2017

**Plant Habit:** Broad oval

**Plant Height:** 1-2 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:** 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:** Planted in arboretum in 2004. Nice compact growth habit. Red tips on new growth is stunning - especially in Spring. Vigor seems to be declining.

**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 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:** 9/23/2017

**Plant Habit:** Round to broad oval

**Plant Height:** 3-4 ft.

**Plant Width:** 5-7 ft.

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

**Foliage Color:** Medium green with a little bronzing

**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:** Planted in arboretum in 2006. Would probably look better with full sun.

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/16/2017

**Plant Habit:** Broad oval

**Plant Height:** 3-4 ft.

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

**Current Seasons Growth:** 6-10 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

**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. Has moderate chlorosis on one of two.

**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:** 9/16/2017

**Plant Habit:** Round to broad oval

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

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

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

**Foliage Color:** Medium 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:**

**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:** tosaensis  
**Cultivar:** Cheyenne Snowmound **Family:** Rosaceae **Tsnum:** 12112  
**Common Name:** Cheyenne Snowmound Spirea  
**Source:** Garden & Home Show Extra **Quantity observed:** 3 **Location:** D2

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Arching

**Plant Height:** 3-4.5 ft.

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

**Current Seasons Growth:** 24-36 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:** n/a

**Comments on plant:** Planted in 2017 - 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:** 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:** 9/23/2017

**Plant Habit:** Broad oval to round

**Plant Height:** 4-5.5 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:** 9/23/2017

**Plant Habit:** Round

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

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

**Current Seasons Growth:** 12-24 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:** Marginal

**Comments on plant:** Moderate chlorosis 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:** 1 **Location:** D2

**Observation Date of Plant:** 9/16/2017

**Plant Habit:** Broad oval

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

**Plant Width:** 4-6 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:** 9/23/2017

**Plant Habit:** Round

**Plant Height:** 3-5 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:** 9/16/2017

**Plant Habit:** Arching, broad oval

**Plant Height:** 5-6 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 **Variety:** -0-  
**Cultivar:** Wilsonii **Family:** Rosaceae **Tsnum:** 78118  
**Common Name:** Wilson Spirea  
**Source:** USDA/NC-7 **Quantity observed:** 1 **Location:** D2

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Broad oval to round

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

**Plant Width:** 7-10 ft

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** 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:** 9/16/2017

**Plant Habit:** Round

**Plant Height:** 2 ft.

**Plant Width:** 2 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

**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 2012. 80% dead and remainder is in severe decline and very chlorotic 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 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:** 10/8/2017

**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 Spirea 'Gold Mound'. In decline and looks very bad. Getting crowded out by nearby plants.

**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:** 10/8/2017

**Plant Habit:** Broad oval

**Plant Height:** 2-3 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:** 10/8/2017

**Plant Habit:** Round to broad oval

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

**Plant Width:** 3-4 ft.

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

**Foliage Color:** Light green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

**Landscape Uses:** Hedge, specimen, 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:** Growth habit was very uniform in the past. Rejuvenated in February 2007.

**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:** 10/8/2017

**Plant Habit:** Broad oval

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

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

**Current Seasons Growth:** 6 - 10 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:** 9/16/2017  
**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

**Aesthetics:** Good

**Fall Color:** golden yellow

**Date of observation:** 11/1/2005

**Persistence:** 1-2 weeks

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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:** 9/23/2017

**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:** 1 **Location:** E2

**Observation Date of Plant:** 10/8/2017

**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:** 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/29/2018

**Plant Habit:** Upright, irregular

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

**Plant Width:** 5-7 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 2016. Also has moderate chlorosis on 75% 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:** Syringa **Variety:**  
**Cultivar:** Baillina **Family:** Oleaceae **Tsnum:** 08057  
**Common Name:** Thumbelina Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 4 ft.  
**Plant Width:** 2-3 ft.  
**Current Seasons Growth:** 1-3 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  
**Fruit Present:** None

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

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

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

**Nuisances:**

**Recommended:** No

**Comments on plant:** Planted in 2010. Has low vigor and is almost dead.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** CP 13 DS 730 **Family:** Oleaceae **Tsnum:** 16069  
**Common Name:** Lilac  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** D11

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Upright oval

**Plant Height:** 3 ft

**Plant Width:** 2 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:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** N/a

**Comments on plant:** Planted in 2018 - 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:** 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:** 9/29/2018

**Plant Habit:** Broad oval

**Plant Height:** 5-7 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:** 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:** 9/29/2018

**Plant Habit:** Broad oval

**Plant Height:** 8-10 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:** 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:** 9/29/2018  
**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:** 9/29/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 12-18 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:** Good  
**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.

**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:** 9/29/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 8-12 ft.  
**Plant Width:** 8-10 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 tree

**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:** 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 pekinensis **Variety:**  
**Cultivar:** WFH2 **Family:** Oleaceae **Tsnum:** 17003  
**Common Name:** Great Wall™ Lilac  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 3 **Location:** C8, SC05-05

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 3-4 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

**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 2018 - 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:** 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:** 9/29/2018

**Plant Habit:** Upright oval

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

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

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

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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 reticulata **Variety:**  
**Cultivar:** Golden Eclipse **Family:** Oleaceae **Tsnum:** 08053  
**Common Name:** Golden Eclipse Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** C10, C8

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 8-12 ft.  
**Plant Width:** 8-10 ft.  
**Current Seasons Growth:** 6-12 in.

**Foliage Color:** Medium green  
**Bark Characteristics:** Important  
**Plant Summer Texture:** Medium  
**Aesthetic Plant Quality:** Good  
**Landscape Uses:** 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:**  
**Cultivar:** Golden Eclipse **Family:** Oleaceae **Tsnum:** 10028  
**Common Name:** Golden Eclipse Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** C10

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 10-13 ft.

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

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

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/29/2018

**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

**Aesthetics:** Fair

**Fall Color:** Pale yellow

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

**Persistence:** 1-2 weeks

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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:** 9/29/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 12-18 ft.  
**Plant Width:** 15-20 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:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 14-20 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 less vigor. 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:** 9/29/2018  
**Plant Habit:** Upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 6-8 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:** 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:** 9/29/2018

**Plant Habit:** Round to broad oval

**Plant Height:** 5-8 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:** 9/29/2018

**Plant Habit:** Round to broad oval

**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, 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 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:** 9/29/2018

**Plant Habit:** Round

**Plant Height:** 7-9 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:** 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. May look better if not crowded by nearby plants.

**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:** 9/29/2018

**Plant Habit:** Upright oval

**Plant Height:** 5-7ft.

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

**Current Seasons Growth:** 2-4 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

**Fruit Present:** unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Kept in container too long.

**Nuisances:**

**Recommended:** No

**Comments on plant:** Appears to be dying.

**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:** 9/29/2018  
**Plant Habit:** Irregular or somewhat round  
**Plant Height:** 6-9 ft.  
**Plant Width:** 12-18 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, 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:** 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:** -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:** 9/29/2018

**Plant Habit:** Broad oval to round

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

**Plant Width:** 8 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 2014 and coming back with a lot of vigor but not very uniform.

**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:** 9/29/2018

**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:** Poor

**Landscape Uses:** Specimen, xeriscape, shrub border

**Overall Plant Health:** Poor

**Fruit Present:** Few fruit

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Too much shade from nearby plants

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would 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:** Yankee Doodle **Family:** Oleaceae **Tsnum:** 09054  
**Common Name:** Yankee Doodle French Hybrid Lilac  
**Source:** Carlton Plants **Quantity observed:** 2 **Location:** D9

**Observation Date of Plant:** 9/30/2018

**Plant Habit:** Upright oval

**Plant Height:** 2-4 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 to poor

**Landscape Uses:** Specimen, shrub border, xeriscape

**Overall Plant Health:** Fair to poor

**Fruit Present:** Few, unimportant

**Fruit Color:** brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:** Too much shade from nearby plants

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. Still lacks vigor. Both plants seem 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:** Syringa wolfii **Variety:** -0-  
**Cultivar:** -0- **Family:** Oleaceae **Tsnum:** 86072  
**Common Name:** Lilac  
**Source:** Washington Park Arboretum **Quantity observed:** 1 **Location:** C10, C11

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 4-6 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:** Unimportant

**Fruit Color:** Tan

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** It is crowded by nearby plants and only looks fair.

**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

**Aesthetics:** Good

**Fall Color:** purple, dark red

**Date of observation:** 9/23/2004

**Persistence:** 1-2 weeks

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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:** 9/29/2018

**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:** 9/29/2018

**Plant Habit:** Round

**Plant Height:** 5-6 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:** 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:**  
**Cultivar:** Lilac Sunday **Family:** Oleaceae **Tsnum:** 08060  
**Common Name:** Lilac Sunday Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Broad oval

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

**Plant Width:** 5-7 ft.

**Current Seasons Growth:** 6-9 in.

**Foliage Color:** Dark 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:** Marginal

**Comments on plant:** Planted in 2010. Vigor is low and canopy is thin from unknown cause.

**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:** 9/29/2018

**Plant Habit:** Round

**Plant Height:** 8-10 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:** 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 prestoniae **Variety:**  
**Cultivar:** Donald Wyman **Family:** Oleaceae **Tsnum:** 08063  
**Common Name:** Donald Wyman Lilac  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** D12

**Observation Date of Plant:** 9/29/2018

**Plant Habit:** Round

**Plant Height:** 5-7 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:** Unimportant

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:** Virus

**Disease Severity:** Slight distortion of twig growth

**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:** 9/29/2018

**Plant Habit:** Round

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

**Plant Width:** 3-6 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, 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:** 10/2/2018

**Plant Habit:** Weeping

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

**Plant Width:** 3-5 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

**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 2013. Had about 20% dieback first winter. Seems to be improving with new growth on lateral branches but not on 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:** 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:** 10/2/2018

**Plant Habit:** Pyramidal

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

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

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

**Foliage Color:** Light green

**Bark Characteristics:** Intermediate importance

**Plant Summer Texture:** Fine

**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:**

**Recommended:** Yes

**Comments on plant:** 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:** Taxodium distichum **Variety:**  
**Cultivar:** Skyward **Family:** Cupressaceae **Tsnum:** 15066  
**Common Name:** Lindsey's Skyward Bald Cypress  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** HG

**Observation Date of Plant:** 9/27/2018

**Plant Habit:** Young undefined, upright

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

**Plant Width:** 1-2 ft.

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Dwarf conifer for confined areas, accent plant

**Overall 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 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:** 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:** 9/23/2017

**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:** 9/23/2017

**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:** 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 spring of 2003 and 2017 but two of three look reasonable. 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:** 9/23/2017  
**Plant Habit:** Upright oval or slightly pyramidal  
**Plant Height:** 5-7 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:** Brandon **Family:** Cupressaceae **Tsnum:** 08031  
**Common Name:** Brandon's Arborvitae  
**Source:** Monrovia Growers **Quantity observed:** 2 **Location:** D4, D5

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Columnar

**Plant Height:** 7-9 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:** Yes

**Comments on plant:** Planted in 2009. Deformed some by snow load in November 2009 and again on October 25, 2011 but look better in 2017. One of two 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:** Thuja occidentalis **Variety:**  
**Cultivar:** Congabe **Family:** Cupressaceae **Tsnum:** 09063  
**Common Name:** Fire Chief Arborvitae  
**Source:** The Conard Pyle Co. **Quantity observed:** 1 **Location:** DH

**Observation Date of Plant:** 9/28/2017

**Plant Habit:** Upright oval or round

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

**Plant Width:** 2 ft.

**Current Seasons Growth:** 5-8 in.

**Foliage Color:** Medium green with reddish tips

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** 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:** Foliage is more interesting in the 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:** 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:** 9/5/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/23/2017

**Plant Habit:** Columnar

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

**Plant Width:** 6-8 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:** Seems to have tolerated snow load better than most Thuja.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/23/2017

**Plant Habit:** Round

**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:** Fair

**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:** Marginal

**Comments on plant:** Has very compact, dense growth but deformed by heavy snow in May 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:** Janed Gold **Family:** Cupressaceae **Tsnum:** 15089  
**Common Name:** Highlights Arborvitae  
**Source:** Monrovia Growers **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Young, undefined

**Plant Height:** 2 ft.

**Plant Width:** 12 in.

**Current Seasons Growth:** 1-3 in.

**Foliage Color:** Yellow tips, the rest is mostly medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Fine

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shrub border, 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:** 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:** 9/23/2017

**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:** 10/8/2017

**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:** 9/23/2017  
**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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---

**Scientific Name:** Thuja occidentalis **Variety:** -0-  
**Cultivar:** Pyramidalis **Family:** Cupressaceae **Tsnum:** 81210  
**Common Name:** Pyramidal Eastern Arborvitae  
**Source:** Hines Nursery **Quantity observed:** 2 **Location:** D4

**Observation Date of Plant:** 9/23/2017

**Plant Habit:** Columnar

**Plant Height:** 25-32 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:** 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:**

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/23/2017

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/1/2017

**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:** Woodwardi **Family:** Cupressaceae **Tsnum:** 80065  
**Common Name:** Woodward Eastern Arborvitae  
**Source:** Greenleaf Nursery Co. **Quantity observed:** 1 **Location:** D4

**Observation Date of Plant:** 9/23/2017

**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:** 10/8/2017

**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:** 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:** 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:** 9/23/2017

**Plant Habit:** Upright oval

**Plant Height:** 14-18 ft.

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

**Current Seasons Growth:** 6-9 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:** 9/23/2017  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 8-12 ft.  
**Current Seasons Growth:** 5-10 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:** **Date of observation:**  
**Aesthetics:** **Persistence:**  
**Fall Color:**

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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:** 9/24/2017

**Plant Habit:** Columnar

**Plant Height:** 20-25 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 and 2017 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:**

**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:** 9/11/2017  
**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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/4/2017

**Persistence:** 1-2 weeks



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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:** 8/30/2017

**Plant Habit:** Pyramidal

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

**Plant Width:** 7-9 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:** 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:** 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:** 9/29/2017

**Plant Habit:** Pyramidal

**Plant Height:** 15-25 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:** 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.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Pyramidal

**Plant Height:** 10-13 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 overall canopy 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:** o

**Observation Date of Plant:** 8/30/2017

**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:** 8/30/2017  
**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:** 8/30/2017  
**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 8/30/2017

**Plant Habit:** Pyramidal 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, shade tree, 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

**Aesthetics:** Good

**Fall Color:** yellow

**Date of observation:** 10/21/2003

**Persistence:** 1-2 weeks

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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:** 9/29/2017

**Plant Habit:** Pyramidal

**Plant Height:** 12-17 ft.

**Plant Width:** 10-15 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

**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:** 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:** Fall color

**Aesthetics:** Good

**Fall Color:** Yellow

**Date of observation:** 10/11/2017

**Persistence:** 2-2 weeks



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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:** 8/30/2017  
**Plant Habit:** Upright oval to pyramidal  
**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:** 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:** 8/30/2017

**Plant Habit:** Pyramidal

**Plant Height:** 45-55 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:** 9/15/2017

**Plant Habit:** Pyramidal

**Plant Height:** 25-35 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. Growth habit would work well in relatively narrow spaces.

**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:** 10/4/2017

**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:** 9/28/2018

**Plant Habit:** Round

**Plant Height:** 12-16 ft.

**Plant Width:** 12-18 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:** Galls on foliage

**Pest Severity:** Minor injury

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** One moved in 2003 and the second in 2017 due to unavoidable construction. Both sucker a lot and have adventitious budding along rootstock trunk. Has smaller growth increments and smaller foliage size creating a very compact

**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

**Fall Color:** Green

**Date of observation:** 10/11/2017

**Persistence:** n/a

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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:** 8/30/2017

**Plant Habit:** Pyramidal

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

**Plant Width:** 35-45 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:** 9/29/2017

**Plant Habit:** Pyramidal

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

**Plant Width:** 10 - 20 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:** 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:** Minor 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:** 10/11/2017

**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:** 8/30/2017

**Plant Habit:** Pyramidal

**Plant Height:** 45-55 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:** Ronald **Family:** Tiliaceae **Tsnum:** 92111  
**Common Name:** Norlin Linden Crabapple  
**Source:** Bailey Nurseries **Quantity observed:** 1 **Location:** SC7-15

**Observation Date of Plant:** 10/2/2018  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 15 - 20 ft.  
**Plant Width:** 15-20 ft.  
**Current Seasons Growth:** 6-10 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.

**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:** 8/30/2017

**Plant Habit:** Upright oval

**Plant Height:** 28-45 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, 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 three trees is much smaller from unknown cause but still looks healthy.

**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:** 10/16/2003

**Persistence:** 1-2 weeks

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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:** 9/15/2017

**Plant Habit:** Upright oval

**Plant Height:** 12-16 ft.

**Plant Width:** 5-8 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:** Fall color

**Date of observation:** 10/4/2017

**Aesthetics:** Fair

**Persistence:** 1-2 weeks

**Fall Color:** Yellow, green (slow to turn)

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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:** 9/29/2017

**Plant Habit:** Upright oval

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

**Plant Width:** 7-10 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:** Severe suckering

**Recommended:** Yes

**Comments on plant:** Planted in 2003. Foliage is relatively large.

**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

**Fall Color:** Green, brown

**Date of observation:** 10/12/2017

**Persistence:** 1-2 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:** 8/30/2017

**Plant Habit:** Upright oval

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

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

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

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Coarse

**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:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2011. Vigor is still a little low. May be in too much 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:** 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:** 10/2/2018  
**Plant Habit:** Pyramidal to upright oval  
**Plant Height:** 10-15 ft.  
**Plant Width:** 9-14 ft.  
**Current Seasons Growth:** 3-6 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  
**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:** Moved Spring of 2003 due to unavoidable construction. Very attractive with dark leaves and a uniform, compact growth habit. Vigor is low 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:** 9/29/2009  
**Aesthetics:** Fair to good **Persistence:** 1-2 weeks  
**Fall Color:** Yellow

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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:** 8/29/2017  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 30-40 ft.  
**Plant Width:** 30-35 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, 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:** 8/30/2017  
**Plant Habit:** Pyramidal becoming upright oval  
**Plant Height:** 55-65 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:**

**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:** 8/30/2017  
**Plant Habit:** Pyramidal to upright oval  
**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:** 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:** 10/4/2018

**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:** Has significantly less scale and sooty mold than other Ulmus.

**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:** 9/30/2012

**Persistence:** 1-2 weeks

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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:** 10/4/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 35-40 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:** 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:** JFS-Prince II **Family:** Ulmaceae **Tsnum:** 16018  
**Common Name:** Colonial Spirit American Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G3?, G8

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Upright oval or vase

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

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

**Current Seasons Growth:** 2-3 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Shade tree, 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 2018 - 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:** 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:** 10/3/2018

**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

**Landscape Uses:** Specimen, shade tree

**Overall Plant Health:** Fair to good

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:** Scale

**Pest Severity:** Moderate

**Plant Disease:** Sooty mold

**Disease Severity:** Moderate injury

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2016. 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:** Lewis and Clark **Family:** Ulmaceae **Tsnum:** 15067  
**Common Name:** Prairie Expedition Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G8

**Observation Date of Plant:** 10/4/2018

**Plant Habit:** Upright oval

**Plant Height:** 10-15 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:** Good

**Landscape Uses:** Shade tree

**Overall Plant Health:** Excellent

**Fruit Present:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** n/a

**Comments on plant:** Planted in 2018 - 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:** Ulmus americana **Variety:**  
**Cultivar:** New Harmony **Family:** Ulmaceae **Tsnum:** 12040  
**Common Name:** New Harmony Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** SC12-02, G8

**Observation Date of Plant:** 10/3/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 6-10 ft

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

**Foliage Color:** Medium green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair to good

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

**Overall Plant Health:** Fair to good

**Fruit Present:**

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Marginal

**Comments on plant:** Planted in 2013. A second tree planted in 2018.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/4/2018

**Plant Habit:** Round

**Plant Height:** 45-45 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

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---

**Scientific Name:** Ulmus davidiana **Variety:**  
**Cultivar:** JFS KW2UD **Family:** Ulmaceae **Tsnum:** 17026  
**Common Name:** Greenstone Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 1 **Location:** G5

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Young, undefined

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

**Plant Width:** 3-4 ft.

**Current Seasons Growth:** 1-2 ft.

**Foliage Color:** Dark green

**Bark Characteristics:** Unimportant

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Good

**Landscape Uses:** Street tree, 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 2018 - 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:** 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:** 10/3/2018

**Plant Habit:** Vase or upright oval

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

**Plant Width:** 10-12 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:** 10/4/2018

**Plant Habit:** Upright oval

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

**Plant Width:** 8-12 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.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 10/4/2018  
**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 since 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  
**Cultivar:** Morton Plainsman      **Family:** Ulmaceae      **Variety:**  
**Common Name:** Vanguard Elm      **Tsnum:** 00167  
**Source:** J. Frank Schmidt and Son Co      **Quantity observed:** 2      **Location:** SC12-3, G9

**Observation Date of Plant:** 10/3/2018

**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

**Aesthetics:** Fair to poor

**Fall Color:** Pale yellow

**Date of observation:** 10/9/2009

**Persistence:** 1-2 weeks

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---

**Scientific Name:** Ulmus x **Variety:**  
**Cultivar:** Morton Stalwart **Family:** Ulmaceae **Tsnum:** 00164  
**Common Name:** Commendation Elm  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G7, SC12-10

**Observation Date of Plant:** 10/4/2018

**Plant Habit:** Upright oval to irregular

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

**Plant Width:** 25-35 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 the 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:** 10/3/2018  
**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 30% dieback possibly due to scale but both also have large cankers as well.

**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:** 10/1/2018

**Plant Habit:** Vase

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

**Plant Width:** 30-40 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.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:** 9/12/2017

**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:** 8/30/2017

**Plant Habit:** Broad oval to round

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

**Plant Width:** 10-15 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:** red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Looks great in difficult area with a lot of dry shade.

**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:** 1 **Location:** B1

**Observation Date of Plant:** 10/2/2017

**Plant Habit:** Upright oval

**Plant Height:** 5-7 ft.

**Plant Width:** 4-6 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, 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:** 10/2/2017  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 9-12 ft.  
**Plant Width:** 12-18 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:** 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:** 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:** 9/15/2017

**Plant Habit:** Broad oval, irregular

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

**Plant Width:** 6-10 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:** Fair

**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:** 88118  
**Common Name:** Arrowwood Viburnum  
**Source:** USDA/NC-7, Ames, IA **Quantity observed:** 1 **Location:** A4

**Observation Date of Plant:** 8/30/2017

**Plant Habit:** Round

**Plant Height:** 4 - 6 ft

**Plant Width:** 5-7 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, 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 have better vigor if not on 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 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:** 10/9/2017  
**Plant Habit:** Round becoming broad oval  
**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:** 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:** 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:**  
**Cultivar:** Moonglo **Family:** Caprifoliaceae **Tsnum:** 02019  
**Common Name:** Moonglo Arrowwood Viburnum  
**Source:** Sjulín Nurseries **Quantity observed:** 2 **Location:** B3

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 4-6 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:** 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 - 2018. May grow larger 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:** 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:** 8/30/2017

**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:** Poor

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Poor

**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:** 10/9/2017

**Plant Habit:** Upright oval

**Plant Height:** 6-8 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:** 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

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---

**Scientific Name:** Viburnum dilatatum **Variety:**  
**Cultivar:** Oneida **Family:** Caprifoliaceae **Tsnum:** 96086  
**Common Name:** Oneida Viburnum  
**Source:** Bailey Nurseries **Quantity observed:** 3 **Location:** A3, A4

**Observation Date of Plant:** 8/28/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 5-8 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:** 10/2/2017

**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:** 9/12/2017

**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:** 9/12/2017

**Plant Habit:** Round or broad oval

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

**Plant Width:** 12 -16 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/2/2017

**Plant Habit:** Round

**Plant Height:** 9-11 ft.

**Plant Width:** 10-15 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:** 9/5/2017

**Plant Habit:** Broad oval

**Plant Height:** 8-12 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:** 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:** Seems to be a little misshapen by heavy snow in May 2017.

**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:** 10/4/2017

**Aesthetics:** Excellent **Persistence:** 1-2 weeks

**Fall Color:** pale golden yellow, true red

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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:** 2 **Location:** C3

**Observation Date of Plant:** 10/9/2017

**Plant Habit:** Upright oval

**Plant Height:** 4-6 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:** None

**Fruit Color:**

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2013. One of three moved in 2017 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 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:** 9/12/2017

**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:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Good

**Fruit Present:** Few fruit

**Fruit Color:** Red, showy

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would look better if not deformed by heavy snow in May.

**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:** 2 **Location:** B3

**Observation Date of Plant:** 10/9/2017

**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 removed in 2017 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 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:** 10/9/2017  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 5-7 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  
**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:** Vigor may improve now that nearby plants removed in 2017 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 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:** 8/30/2017

**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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 9/4/2017

**Plant Habit:** Round to broad oval

**Plant Height:** 8-12 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

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**Fruit Present:** Few

**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. Both are 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:** 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:** 8/30/2017

**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:** 8/30/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 5-7 ft.

**Plant Width:** 5-7 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. 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:** 10/9/2017

**Plant Habit:** Broad oval, irregular

**Plant Height:** 7-10 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:** 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 and deformed by heavy snow in May 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:** 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:** 10/2/2017

**Plant Habit:** Broad oval to round

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

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

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

**Foliage Color:** Medium green

**Bark Characteristics:** Not very important

**Plant Summer Texture:** Medium

**Aesthetic Plant Quality:** Fair

**Landscape Uses:** Specimen, shrub border

**Overall Plant Health:** Fair

**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:** 9/12/2017  
**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:** Fair  
**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. Would probably look better with full sun and probably deformed by heavy snow in May.

**Observation Date of Flowers:**

**Flower Color:**

**Flower Type:**

**Flower Effect:**

**% of 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:**  
**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:** 9/12/2017

**Plant Habit:** Upright oval to round

**Plant Height:** 5-7 ft.

**Plant Width:** 6-10 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:** Fair

**Fruit Present:** Few 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. Would probably look better with full sun but getting shaded 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:** 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:** 9/23/2017

**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:** Fair

**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:** Rejuvenated in 2010. Growth habit deformed by heavy snow in May 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:** 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:** 8/30/2017

**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 and be larger 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 10/2/2017

**Plant Habit:** Upright oval to round

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

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

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

**Foliage Color:** Dark green, glossy

**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:** Red

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Sudden and severe freeze November 2014 caused 50% loss in canopy.

**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:** F9

**Observation Date of Plant:** 10/2/2018

**Plant Habit:** Upright oval

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

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

**Current Seasons Growth:** 6-12 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:** 10/2/2017

**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/Plan **Quantity observed:** 3 **Location:** G0

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Round

**Plant Height:** 10-15 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:** 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:** 1 **Location:** A4

**Observation Date of Plant:** 8/30/2017

**Plant Habit:** Irregular

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

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

**Current Seasons Growth:** 6-12 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:** One of two dead 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:** Vitex agnus-castus **Variety:**  
**Cultivar:** VX15-01-173 (Delta Pink) **Family:** Lamiaceae **Tsnum:** 18167  
**Common Name:** First Editions® TBA  
**Source:** Bailey Nurseries **Quantity observed:** 4 **Location:** G4

**Observation Date of Plant:** 9/29/2018  
**Plant Habit:** Young, undefined  
**Plant Height:** 1-2 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, shrub border

**Overall Plant Health:** Good  
**Fruit Present:** Moderate amount  
**Fruit Color:** Green  
**Insect Pests:**  
**Pest Severity:**  
**Plant Disease:**  
**Disease Severity:**  
**Cultural Problems:**  
**Nuisances:**  
**Recommended:** n/a  
**Comments on plant:** Planted in 2018 - 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:** 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:** 9/27/2018

**Plant Habit:** Round to broad oval

**Plant Height:** 4-5 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:** 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:** Removed 50% dead wood in 2010 due to winter dieback but looks fine in 2012, 2014, 2016 and 2018.

**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:** 2 **Location:** A11

**Observation Date of Plant:** 7/26/2018  
**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. Both plants have 5-10 % dead twigs but not sure if it was from last winter.

**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:** 9/27/2018

**Plant Habit:** Broad oval to round

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

**Plant Width:** 10-14 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:** 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:** 9/27/2018  
**Plant Habit:** Round becoming broad oval  
**Plant Height:** 7 - 9 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:**

**Aesthetics:**

**Fall Color:**

**Date of observation:**

**Persistence:**

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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:** 7/26/2018

**Plant Habit:** Round

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

**Plant Width:** 5-8 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:** 9/27/2018

**Plant Habit:** Young, undefined

**Plant Height:** 1-2 ft.

**Plant Width:** 1 ft.

**Current Seasons Growth:** 2-4 in

**Foliage Color:** Variegated, medium green and white with some shades of red

**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:** Possibly in too much shade

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Planted in 2016. Would probably look better if growing 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:** 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:** 9/27/2018

**Plant Habit:** Broad oval to irregular

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

**Plant Width:** 5-10 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:** 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:** Both plants are 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:** 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:** 7/26/2018  
**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:** 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 getting 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:** Xanthoceras sorbifolium **Variety:**  
**Cultivar:** **Family:** Sapindaceae **Tsnum:** 12164  
**Common Name:** Yellowhorn  
**Source:** Garden and Home Show **Quantity observed:** 1 **Location:** G0

**Observation Date of Plant:** 10/8/2017

**Plant Habit:** Irregular

**Plant Height:** 6-8 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:** Specimen, wildlife, edible

**Overall Plant Health:** Good

**Fruit Present:** Moderate amount, squirrels get them quickly

**Fruit Color:** brown

**Insect Pests:**

**Pest Severity:**

**Plant Disease:**

**Disease Severity:**

**Cultural Problems:**

**Nuisances:**

**Recommended:** Yes

**Comments on plant:** Would probably look better with 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:** Xanthoceras sorbifolium **Variety:**  
**Cultivar:** **Family:** Sapindaceae **Tsnum:** 97067  
**Common Name:** Yellowhorn  
**Source:** Bailey Nurseries **Quantity observed:** 2 **Location:** D7, G0

**Observation Date of Plant:** 9/30/2018  
**Plant Habit:** Upright oval becoming round  
**Plant Height:** 15-25 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:** 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:** 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:** 9/29/2017

**Plant Habit:** Vase

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

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

**Current Seasons Growth:** 10-15 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:** 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 arboretum in 2003. Cankers have caused large dead area at four areas along trunk and half 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:**

**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, 12-01

**Observation Date of Plant:** 10/3/2018

**Plant Habit:** Vase

**Plant Height:** 12-17 ft.

**Plant Width:** 5-7 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 but susceptible 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:** Fair to good

**Fall Color:** Red

**Date of observation:** 10/9/2009

**Persistence:** 1-2 weeks

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**Scientific Name:** Zelkova serrata **Variety:**  
**Cultivar:** Schmidflow **Family:** Ulmaceae **Tsnum:** 16029  
**Common Name:** Wireless Zelkova  
**Source:** J. Frank Schmidt and Son Co **Quantity observed:** 2 **Location:** G..., SC11-06

**Observation Date of Plant:** 9/28/2018

**Plant Habit:** Upright oval

**Plant Height:** 8-12 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:** Shade tree, street tree, lawn 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 2018 - 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:** 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:** 10/1/2018

**Plant Habit:** Upright oval

**Plant Height:** 18-24 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:**