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Bulletin No. 35: Native Woody Plant Collection Checklist

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**NATIVE WOODY PLANT
COLLECTION
 CHECKLIST**



**BULLETIN NO. 35 • THE CONNECTICUT COLLEGE ARBORETUM
NEW LONDON, CONNECTICUT**

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CONNECTICUT COLLEGE ARBORETUM

**NATIVE WOODY PLANT
COLLECTION**

CHECKLIST

Michael P. Harvey
and
Glenn D. Dreyer

THE CONNECTICUT COLLEGE ARBORETUM

Bulletin No. 35
December 1996

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NOTICE TO LIBRARIANS

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INTRODUCTION

A primary focus of the Connecticut College Arboretum is to collect, cultivate and display woody plants native to Eastern North America which are hardy in Southeastern Connecticut. This Checklist enumerates the taxa of trees, shrubs and woody vines accessioned into the Arboretum's plant collection database and growing in the Native Woody Plant Collection. It is intended to serve as a guide to this collection for both visitors and students of the native flora.

This checklist was developed as part of Michael Harvey's Senior Honor's Thesis for the Connecticut College Botany Department (Harvey 1994). It has been brought up to date by including all new taxa added to the Native Woody Plant Collection from June 1994 through September 1996. The accompanying map shows this approximately 20 acre area, which is bounded by Williams Street and the main College campus to the east, Gallows Lane to the north, the Bolleswood Natural Area to the west, and a chain-link fence to the south. The numbers on the map refer to specific plant collection areas, and will assist in the location of specimens.

Taxa are placed within one of two major divisions, either the division *Pinophyta* (Gymnosperms), the cone bearing plants, or the division *Magnoliophyta* (Angiosperms), the flowering plants. Within these divisions, plant taxa are further grouped into their class, subclass, order, family, and genus according to the arrangement followed by Gleason and Cronquist (1991). Species are listed alphabetically within each genus. Nomenclature also follows Gleason and Cronquist, with the exception of plants not included in this source. Most other plant names are from "Hortus Third" (L.H. Bailey Hortorium, 1976). For the genus *Kalmia*, nomenclature is from the "Checklist of Cultivated Laurels" (Richard Jaynes, 1983). *Rhododendron* cultivar names are from Galle (1985).

Both the scientific and common names for each plant family are provided in the Checklist. Scientific names of plants native to

Eastern North America are in *italicized bold face*. Scientific names of plants not indigenous to this large region are in *italics* only. Those species native to Connecticut (Dowhan 1979) are marked with an asterisk (*). Following each plant name is the author of that species. Plant varieties and forms have also been placed in *italicized bold face*, and are indicated by 'var.' and 'f.', respectively.. Cultivars are enclosed in single quotes, and are in **bold face** only. Commonly used synonyms, including the names used in the past two Checklists, appear in parentheses. Common names for each species are provided, and appear in ALL CAPS. The numbers and location names at the end of each passage refer to the specific collection area in which plants of that taxa are growing, and correspond to the area numbers indicated on the map inside the back cover. An index, beginning on page 35, references the scientific names of plant families and genera, as well as the common names of the families, genera, species and varieties.

Previous Arboretum checklists (Goodwin, et. al. 1950, Robinson 1980 with 1984 addendum by Dreyer) listed all woody plants growing in the Native Plant Collection, including non-accessioned material, many of which were neither planted nor cultivated. The 1950 list was actually a woody flora of all College property, including cultivated material on the main campus and plants growing wild on other tracts. This Checklist differs from the two previous ones in excluding those species growing without cultivation. Thus naturalized exotic weed species such as *Celastrus orbiculatus*, *Lonicera japonica*, *Berberis thunbergii* and *Euonymus alatus* are (unfortunately) present in the collection area but not included in this checklist. As of summer 1996 the Native Woody Plant Collection contained 288 accessioned taxa, a significant increase over the 194 species (counting naturalized exotics) listed by Robinson in 1980 and the total of 235 cited by Dreyer in 1984.

Curation of Arboretum plant collections includes attaching accession labels (small metal tags) with the botanical name and an accession number to each specimen. Some plants also have "display labels" which include common and botanical names, and may also

indicate plant family and geographic origin. There are detailed maps on file in the Arboretum Office for each plant collection area which indicate planting locations, names and accession numbers. Collection information is managed using BG-Base, a computer program specifically designed for plant collection curation.

The Connecticut College Arboretum curates two other major plant collections: the Caroline Black Garden, located across Route 32 from the main College entrance; and the Campus Landscape, which currently comprises all trees on the main campus between Williams Street and Route 32.

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DIVISION PINOPHYTA
GYMNOSPERMS

Subdivision PINICAE

Class PINOPSIDA

Order TAXALES

Family **Taxaceae**, the Yew Family

- * *Taxus canadensis* Marsh. AMERICAN YEW. 16.

Order PINALES

Family **Pinaceae**, the Pine Family

- * *Abies balsamea* (L.) Mill. BALSAM FIR. 14, 20, 27, Gries Conifer Collection (33S).

Abies balsamea (L.) Mill. f. *hudsonia* (Bosc ex Jacques) Fern. & Weatherby. DWARF BALSAM FIR. Gries Conifer Collection (33M).

Abies fraseri (Pursh) Poir. FRASER FIR. 20, 34, Gries Conifer Collection (33S, 33C).

Larix decidua Mill. EUROPEAN LARCH. 20

- * *Larix laricina* (Du Roi) K. Koch. TAMARACK, AMERICAN LARCH. 20, Gries Conifer Collection (33C).

Picea abies (L.) Karst. NORWAY SPRUCE. 1, 20, 44.

- Picea glauca* (Moench) Voss. WHITE SPRUCE. 20, Gries Conifer Collection (33N, 33S).
- Picea glauca* (Moench) Voss. '**Echiniformis**'. DWARF WHITE SPRUCE. Gries Conifer Collection (33M).
- Picea glauca* (Moench) Voss. '**Ed Hirle**'. ED HIRLE DWARF WHITE SPRUCE. Gries Conifer Collection (33M).
- * *Picea mariana* (Mill.) BSP '**Doumetii**'. DOUMET'S DWARF BLACK SPRUCE. Gries Conifer Collection (33M).
- Picea mariana* (Mill.) BSP '**Nana**'. DWARF BLACK SPRUCE. Gries Conifer Collection (33M).
- * *Picea rubens* Sarg. RED SPRUCE. 20, 22, 44, Gries Conifer Collection (33)
- Pinus aristata* Engelm. BRISTLE-CONE PINE. Gries Conifer Collection (33M).
- Pinus banksiana* Lamb. JACK PINE. Gries Conifer Collection (33C).
- * *Pinus rigida* Mill. PITCH PINE. 1, 43, Gries Conifer Collection (33C).
- * *Pinus strobus* L. WHITE PINE. 11, 15, 14, 23, 24, 42, 43. Gries Conifer Collection (33S)
- Pinus strobus* L. '**Blue Jay**'. BLUE JAY WHITE PINE. Gries Conifer Collection (33M).
- Pinus strobus* L. '**Brevifolia**'. SHORT-NEEDLE WHITE PINE. Gries Conifer Collection (33M).

- Pinus strobus* L. '**Fastigiata**'. UPRIGHT WHITE PINE. Gries Conifer Collection (33C).
- Pinus strobus* L. '**Nana**'. DWARF WHITE PINE. Gries Conifer Collection (33M).
- Pinus strobus* L. '**Pendula**'. WEEPING WHITE PINE. Gries Conifer Collection (33S).
- Pinus strobus* L. '**Soft Touch**'. SOFT TOUCH WHITE PINE. Gries Conifer Collection (33M).
- Pinus strobus* L. '**Torulosa**'. CONTORTED WHITE PINE. Gries Conifer Collection (33S).
- Pinus strobus* L. '**U.Conn.**'. U. CONN. WHITE PINE. Gries Conifer Collection (33M).
- Pseudotsuga menziesii* (Mirb.) Franco. DOUGLAS FIR. 27.
- * *Tsuga canadensis* (L.) Carr. Eastern Hemlock. 3, 13, 14. Grove in Gries Conifer Collection.
- Tsuga canadensis* (L.) Carr. '**Cole's Prostrate**'. COLE'S PROSTRATE HEMLOCK. Gries Conifer Collection (33M).
- Tsuga canadensis* (L.) Carr. '**Everitt Gold**'. EVERITT'S GOLDEN HEMLOCK. Gries Conifer Collection (33M).
- Tsuga canadensis* (L.) Carr. '**Minima**'. BENNETT'S DWARF HEMLOCK. Gries Conifer Collection (33N, 33M).
- Tsuga canadensis* (L.) Carr. '**Sargentii**'. SARGENT'S WEEPING HEMLOCK. Gries Conifer Collection (33N, 33M).

Tsuga caroliniana Engelm. CAROLINA HEMLOCK. Gries Conifer Collection (33S).

Family **Taxodiaceae**, the Bald Cypress Family

Taxodium distichum (L.) L. Rich. BALD CYPRESS. Gries Conifer Collection (33C).

Family **Cupressaceae**, the Cypress Family

* *Chamaecyparis thyoides* (L.) BSP. ATLANTIC WHITE CEDAR. 41. Along pond in areas 34 and 49.

Chamaecyparis thyoides (L.) BSP 'Andelyensis'. UPRIGHT ATLANTIC WHITE CEDAR. Gries Conifer Collection (33M).

Chamaecyparis thyoides (L.) BSP 'Little Jamie'. LITTLE JAMIE ATLANTIC WHITE CEDAR. Gries Conifer Collection (33M).

* *Juniperus communis* L. COMMON JUNIPER. 42, 43, 46. These may simply be more aborescent forms of the common native *J. c.* var. *depressa*.

* *Juniperus communis* L. var. *depressa* Pursh. GROUND JUNIPER. 10, Gries Conifer Collection (33S).

Juniperus communis L. 'Repanda'. LOW JUNIPER. Gries Conifer Collection (33C).

Juniperus horizontalis Moench 'Bar Harbor'. CREEPING JUNIPER. Gries Conifer Collection (33S, 33C).

- Juniperus horizontalis* Moench '**Wiltonii**'. WILTON'S CREEPING JUNIPER. BLUE RUG JUNIPER. Gries Conifer Collection (33C).
- Juniperus scopulorum* Sarg. '**Sky Rocket**'. SKY ROCKET JUNIPER. Gries Conifer Collection (33N).
- Juniperus scopulorum* Sarg. '**Wichita Blue**'. WICHITA BLUE JUNIPER. Gries Conifer Collection (33N).
- * *Juniperus virginiana* L. RED-CEDAR. 7 & 8 at Laurel Walk, 25, Gries Conifer Collection (33S), 42, 43. Interesting old specimen in 21.
- Juniperus virginiana* L. '**Canaertii**'. CANAERT'S RED-CEDAR. Gries Conifer Collection (33N).
- Juniperus virginiana* L. '**Glauca**'. BLUE-LEAVED RED-CEDAR. Gries Conifer Collection (33N).
- Juniperus virginiana* L. '**Globosa**'. COMPACT RED-CEDAR. Gries Conifer Collection (33S).
- Juniperus virginiana* L. '**Hillii**'. HILL'S RED-CEDAR. Gries Conifer Collection (33N).
- * *Thuja occidentalis* L. NORTHERN WHITE CEDAR; AMERICAN ARBORVITAE. 10. Gries Conifer Collection (33N), Outdoor Theatre.
- Thuja occidentalis* L. '**Elegantissima**'. ELEGANT ARBORVITAE. Gries Conifer Collection (33N).
- Thuja occidentalis* L. '**Emerald Queen**'. EMERALD QUEEN ARBORVITAE. Gries Conifer Collection (33N).

Thuja occidentalis L. '**Green Midget**'. GREEN MIDGET
ARBORVITAE. Gries Conifer Collection (33M).

Thuja occidentalis L. '**Piccolo**'. PICCOLO ARBORVITAE. Gries
Conifer Collection (33M).

Thuja occidentalis L. '**Pyramidalis**'. PYRAMIDAL ARBORVITAE.
Gries Conifer Collection (33N).

Thuja occidentalis L. '**Recurva Nana**'. CURVED-LEAVED
ARBORVITAE. Gries Conifer Collection (33M).

Thuja occidentalis L. '**Rheingold**'. RHEINGOLD ARBORVITAE.
Gries Conifer Collection (33M).

Thuja occidentalis L. '**Woodwardii**'. WOODWARD'S
ARBORVITAE. Gries Conifer Collection (33N).

DIVISION MAGNOLIOPHYTA
FLOWERING PLANTS

Class **MAGNOLIOPSIDA**, the Dicotyledons

Subclass **MAGNOLIIDAE**

Order **MAGNOLIALES**

Family **Magnoliaceae**, the Magnolia Family

* *Liriodendron tulipifera* L. TULIP TREE. 9, 10, 29, 31, 32, 34.

Magnolia macrophylla Michx. BIG LEAF MAGNOLIA. 31, 35.

Magnolia tripetala (L.) L. UMBRELLA TREE. 35.

Magnolia virginiana L. SWEET BAY. 1, 31.

Family **Annonaceae**, the Custard-apple Family

Asimina triloba (L.) Dunal. PAWPAW. 17.

Order **LAURALES**

Family **Calycanthaceae**, the Strawberry-shrub Family

Calycanthus floridus L. CAROLINA ALLSPICE. 25, Edgerton and
Stengel Wildflower Garden (50).

Family **Lauraceae**, the Laurel Family

* *Lindera benzoin* (L.) Blume. SPICEBUSH. 9, 23, 27, 30, 31, 32.

* *Sassafras albidum* (Nutt.) Nees. SASSAFRAS. 16, 21, 27, 29, 36.

Order **RANUNCULALES**

Family **Ranunculaceae**, the Buttercup Family

Xanthorhiza simplicissima Marsh. SHRUB YELLOW-ROOT. 7,
Gries Conifer
Collection (33N, 33C).

Subclass **HAMAMELIDAE**

Order **HAMAMELIDALES**

Family **Platanaceae**, the Plane-tree Family

- * *Platanus occidentalis* L. SYCAMORE. 16.

Family **Hamamelidaceae**, the Witch Hazel Family

Fothergilla gardenii J. Murr. WITCH ALDER. Gries Conifer Collection (33S).

Fothergilla major (Sims.) Lodd. FOTHERGILLA. 16, Gries Conifer Collection (33S).

Hamamelis vernalis Sarg. VERNAL WITCHHAZEL. 16.

- * *Hamamelis virginiana* L. WITCHHAZEL. 16, Edgerton and Stengel Wildflower Garden (50).

- * *Liquidambar styraciflua* L. SWEET GUM. 10, 16.

Order **URTICALES**

Family **Moraceae**, the Mulberry Family

Morus alba L. WHITE MULBERRY. 1.

Family **Ulmaceae**, the Elm Family

- * *Celtis occidentalis* L. NORTHERN HACKBERRY. 4, 5.

- * *Ulmus americana* L. AMERICAN ELM. 1, 23, Outside main entrance.

Order **JUGLANDALES**

Family **Juglandaceae**, the Walnut Family

- * *Carya cordiformis* (Wangh.) K. Koch. BITTERNUT HICKORY. 27, 46.
- * *Carya glabra* (Mill.) Sweet. PIGNUT HICKORY. 27, 46.
- * *Carya ovata* (Mill.) K. Koch. SHAGBARK HICKORY. 27, 46.
- * *Carya tomentosa* (Poiret) Nutt. MOCKERNUT HICKORY. 27, 46.

Order **MYRICALES**

Family **Myricaceae**, the Bayberry Family

- * *Comptonia peregrina* (L.) J. M. Coulter. SWEET-FERN. Gries Conifer Collection (33N).
- * *Myrica gale* L. SWEET GALE. Edge of pond in area 40.
- * *Myrica pensylvanica* Mirbel. NORTHERN BAYBERRY 4, 21, 42, 43, Gries Conifer Collection (33C).

Order **FAGALES**

Family **Fagaceae**, the Beech Family

- Castanea crenata* Siebold & Zucc. JAPANESE CHESTNUT. 46.
- * *Castanea dentata* (Marsh.) Borkh. AMERICAN CHESTNUT. 46.

- Castanea dentata* (Marsh.) Borkh. 'Wisconsin 70'. WISCONSIN
70 CHESTNUT HYBRID. 46.
- Castanea dentata* (Marsh.) Borkh. x *mollissima* Blume. F2
HYBRID CHESTNUT. 14, 46.
- * *Fagus grandifolia* Ehrh. AMERICAN BEECH. 7, 8, 9, 29, 30.
- Fagus sylvatica* L. EUROPEAN BEECH. 7.
- * *Quercus alba* L. WHITE OAK. 21, 36, 41, 44, Gries Conifer
Collection (33C).
- * *Quercus bicolor* Willd. SWAMP WHITE OAK. 11, 16, 20, 21.
- * *Quercus coccinea* Muenchh. SCARLET OAK. 12. Large specimen
in area 46.
- * *Quercus ilicifolia* Wangh. SCRUB OAK. 20.
- * *Quercus macrocarpa* Michx. BURR OAK. 14, 15, 16.
- Quercus michauxii* Nutt. SWAMP CHESTNUT OAK. 18.
- * *Quercus palustris* Muenchh. PIN OAK. 46, Shain Garden (4).
- * *Quercus prinus* L. ROCK CHESTNUT OAK. 17, 27.
- * *Quercus rubra* L. RED OAK. 1, 2, 4, 10, 11, 16, 20, 22, 23, Gries
Conifer Collection (33N, 33C).
- * *Quercus velutina* Lam. BLACK OAK. 3, 12, 20, 46.

Family **Betulaceae**, the Birch Family

- * *Betula alleghaniensis* Britt. (= *Betula lutea* Britt). YELLOW BIRCH. 35, Edgerton and Stengel Wildflower Garden (50), Gries Conifer Collection (33N).
- * *Betula lenta* L. BLACK BIRCH; SWEET BIRCH. 1, 2, 17, 25, 27.
- * *Betula nigra* L. RIVER BIRCH. 1, 25, 27,
Betula nigra L. 'Heritage'. HERITAGE RIVER BIRCH. 1. Inside main entrance (3,12). Wildflower Garden Entrance (1).
- * *Betula papyrifera* Marsh. PAPER BIRCH; WHITE BIRCH. 1, 7, 10, 16.
- * *Betula populifolia* Marsh. GRAY BIRCH. 34, 38, 46, 49.
- * *Carpinus caroliniana* Walt. AMERICAN HORNBEAM. 1, 27. Large specimen in area 10.
- * *Corylus americana* Walter. AMERICAN HAZELNUT. 1.
- * *Ostrya virginiana* (Mill.) K. Koch. AMERICAN HOP-HORNBEAM. 1.

Subclass **DILLENIIDAE**

Order **SALICALES**

Family **Salicaceae**, the Willow Family

- * *Populus grandidentata* Michx. BIG-TOOTHED ASPEN. 1, 34.

Salix alba L. WHITE WILLOW. 34.

* *Salix bebbiana* Sarg. BEAKED WILLOW. 34.

* *Salix discolor* Muhl. PUSSY WILLOW. 34.

* *Salix sericea* Marsh. SILKY WILLOW. 34, 36.

Family **Theaceae**, the Tea Family

Franklinia alatamaha Marsh. FRANKLIN TREE. 11, 12, 43.

Family **Clusiaceae**, the Mangosteen Family

Hypericum prolificum L. SHRUBBY ST. JOHN'S-WORT. 3, 10.

Order **MALVALES**

Family **Tiliaceae**, the Linden Family

* *Tilia americana* L. AMERICAN LINDEN. 10, 27, 29.

Tilia x europaea L (= *Tilia cordata* Mill. x *Tilia platyphyllos*
Scop.). COMMON LINDEN. 29.

Order **ERICALES**

Family **Cyrillaceae**, the Cyrilla Family

Cyrilla racemiflora L. SOUTHERN LEATHERWOOD. Gries Conifer
Collection (33C). Edgerton and Stengel Wildflower Garden
(50).

Family **Clethraceae**, the Clethra Family

- Clethra acuminata* Michx. MOUNTAIN WHITE ALDER. 3, 15.
- * *Clethra alnifolia* L. SWEET PEPPERBUSH; COAST WHITE ALDER.
8, 34, Gries Conifer Collection (33C).

Family **Ericaceae**, the Heath Family

- Andromeda polifolia* L. BOG ROSEMARY. Gries Conifer
Collection (33C)
- * *Arctostaphylos uva-ursi* (L.) Spreng. BEARBERRY. Gries Conifer
Collection (33M).
- Arctostaphylos uva-ursi* (L.) Spreng. 'Emerald Carpet'.
EMERALD CARPET BEARBERRY. Gries Conifer Collection
(33M).
- * *Chamaedaphne calyculata* (L.) Moench. LEATHERLEAF. Along
pond in area 40.
- * *Epigaea repens* L. TRAILING ARBUTUS. 42.
- * *Gaylussacia baccata* (Wang.) K. Koch. BLACK HUCKLEBERRY.
20, 21, 23, Gries Conifer Collection (33C).
- * *Gaylussacia frondosa* (L.) Torr. & A. Gray. DANGLEBERRY. 11.
- * *Kalmia angustifolia* L. SHEEP LAUREL. Gries Conifer Collection
(33C), Shain Garden (4).
- Kalmia angustifolia* L. f. *candida*. WHITE-FLOWERED SHEEP
LAUREL. Shain Garden (4).

Kalmia angustifolia L. '**Hammonasset**'. HAMMONASSETT SHEEP
LAUREL. Shain Garden (4).

* *Kalmia latifolia* L. MOUNTAIN LAUREL. 24, 36, Gries Conifer
Collection (33N, 33C). Edgerton and Stengel Wildflower
Garden (50). Mature specimens can be found in areas 20 &
43.

Kalmia latifolia L. x 1067. MOUNTAIN LAUREL HYBRID 1067.
Shain Garden (4).

Kalmia latifolia L. x 1144. BROAD BAND MOUNTAIN LAUREL.
Shain Garden (4).

Kalmia latifolia L. '**Banded Redbud**'. BANDED REDBUD
LAUREL. Shain Garden (4).

Kalmia latifolia L. f. *compacta*. COMPACT MOUNTAIN LAUREL.
Shain Garden (4).

Kalmia latifolia L. f. *fuscata* (Rehd.) Rehd. BANDED LAUREL.
Shain Garden (4).

Kalmia latifolia L. '**Goodrich**'. Shain Garden. GOODRICH
MOUNTAIN LAUREL.
Shain Garden (4).

Kalmia latifolia L. f. *myrtifolia* (Bosse) K. Koch. MINIATURE
MOUNTAIN LAUREL.
Shain Garden (4).

Kalmia latifolia L. '**Nathan Hale**'. NATHAN HALE MOUNTAIN
LAUREL. Shain Garden (4).

Kalmia latifolia L. '**Nipmuck**'. NIPMUCK MOUNTAIN LAUREL

- Kalmia latifolia* L. 'Pink Charm'. PINK CHARM MOUNTAIN LAUREL. Shain Garden (4).
- Kalmia latifolia* L. 'Quinnipiac'. QUINNIPIAC LAUREL. Shain Garden (4), Laurel Walk.
- Kalmia latifolia* L. 'Richard Jaynes'. RICHARD JAYNES MOUNTAIN LAUREL. Shain Garden (4).
- Kalmia latifolia* L. 'Shooting Star'. SHOOTING STAR MOUNTAIN LAUREL. Shain Garden (4).
- Kalmia latifolia* L. 'Silver Dollar'. SILVER DOLLAR MOUNTAIN LAUREL. Shain Garden
- Kalmia latifolia* L. 'Star-Ring'. STAR-RING MOUNTAIN LAUREL. Shain Garden
- Kalmia latifolia* L. 'Willowcrest'. WILLOWCREST MOUNTAIN LAUREL. Shain Garden.
- Leiophyllum buxifolium* (Bergius) Elliott. BOX SAND-MYRTLE. 42, Gries Conifer Collection (33M).
- Leucothoe axillaris* (Lam.) D. Don. COAST LEUCOTHOE, SWAMP-DOG LAUREL. 35, Gries Conifer Collection (33N, 33S).
- Leucothoe walteri* (Willd.) Melvin (= *Leucothoe fontanesiana* [Steud.] Sleum.). DROOPING LEUCOTHOE, MOUNTAIN-DOG LAUREL. 11, 31, 32, 35, Edgerton and Stengel Wildflower Garden (50), Outdoor Theatre.
- * *Eubotrys racemosa* (L.) Nutt. (= *Leucothoe racemosa* [L.] A. Gray). FETTER-BUSH. 11.

- * *Lyonia ligustrina* (L.) DC. MALE BERRY. 11, 34, 35, Gries
Conifer Collection (33S).
- Oxydendrum arboreum* (L.) DC. SOURWOOD. 3, 11, 25, Gries
Conifer Collection (33N). Edgerton and Stengel Wildflower
Garden (50).
- Pieris floribunda* (Pursh) Benth. & Hook. MOUNTAIN
ANDROMEDA, EVERGREEN MOUNTAIN FETTER-BUSH.
Wildflower Garden Entrance (5)
- Rhododendron alabamense* Rehd. ALABAMA AZALEA. Azaleas
and Rhododendrons Azalea. Fine Garden (11).
- Rhododendron arborescens* (Pursh) Torr. SWEET AZALEA
Azaleas and Rhododendrons Azalea. 31, Fine Garden (11).
- Rhododendron atlanticum* (Ashe) Rehd. COAST AZALEA Azaleas
and Rhododendrons Azalea. Fine Garden (11).
- Rhododendron austrinum* (Small) Rehd. FLORIDA FLAME
AZALEA Azaleas and Rhododendrons Azalea. Fine Garden
(11). Marginally hardy in Arboretum.
- Rhododendron bakeri* (Lemon & Mckay) Hume. CUMBERLAND
AZALEA Azaleas and Rhododendrons Azalea. 31, Fine
Garden (11).
- Rhododendron calendulaceum* (Michx.) Torr. FLAME AZALEA
Azaleas and Rhododendrons Azalea. 31, Fine Garden (11).
Edgerton and Stengel Wildflower Garden (50).
- * *Rhododendron canadense* (L.) Torr. RHODORA Azaleas and
Rhododendrons. Fine Garden (11).

- Rhododendron canescens* (Michx.) Sweet. FLORIDA PINXTER AZALEA Azaleas and Rhododendrons Azalea. Fine Garden (11).
- Rhododendron carolinianum* Rehd. CAROLINA RHODODENDRON. Fine Garden (11). Edgerton and Stengel Wildflower Garden (50).
- Rhododendron carolinianum* Rehd., var. *album* Rehd. WHITE CAROLINA RHODODENDRON. Fine Garden (11).
- Rhododendron carolinianum* Rehd. 'Windbeam'. WINDBEAM RHODODENDRON. (A hybrid of *R. carolinianum* x *R. racemosum*) Klagsbrun Garden (24).
- Rhododendron catawbiense* Michx. CATAWBA RHODODENDRON. Fine Garden (11), Outdoor Theatre.
- Rhododendron catawbiense* Michx. 'Album'. WHITE CATAWBA RHODODENDRON. Edgerton and Stengel Wildflower Garden (50).
- Rhododendron* 'Choptank River Hybrid'. CHOPTANK RIVER HYBRID AZALEA. A natural hybrid of *R. atlanticum* x *R. periclymenoides* found in Delaware at head of Choptank River. Fine Garden (11).
- Rhododendron* 'Colman's May Pink'. COLMAN'S MAY PINK AZALEA. Fine Garden (11).
- Rhododendron flammeum* (Michx.) Sarg. OCONEE AZALEA. Fine Garden (11).

* *Rhododendron maximum* L. ROSEBAY RHODODENDRON. 10, 31, Klagsbrun Garden (24). Edgerton and Stengel Wildflower Garden (50).

* *Rhododendron periclymenoides* (Michx.) Shinn (= *Rhododendron nudiflorum* [L.] Torr.). PINXTER FLOWER. 5, 11, 12, 13, 35, Fine Garden (11), Gries Conifer Collection (33S). Edgerton and Stengel Wildflower Garden (50).

Rhododendron 'Pink Puff'. PINK PUFF AZALEA. A natural hybrid of *R. bakeri* x *R. arborescens*. Fine Garden (11).

* *Rhododendron prinophyllum* (Small) Millais (= *Rhododendron roseum* (Loisel.) Rehd.). ROSEBUD AZALEA. 31, 32, Fine Garden (11). Edgerton and Stengel Wildflower Garden (50).

Rhododendron prinophyllum (Small) 'Marie Hoffman'. MARIE HOFFMAN AZALEA. Edgerton and Stengel Wildflower Garden (50).

Rhododendron prunifolium (Small) Millais. PLUM LEAVED AZALEA. Fine Garden (11). Edgerton and Stengel Wildflower Garden (50).

Rhododendron serrulatum (Small) Millais. HAMMOCK SWEET AZALEA. Fine Garden (11).

Rhododendron vaseyi A. Gray. PINK SHELL AZALEA. Fine Garden (11). Edgerton and Stengel Wildflower Garden (50).

Rhododendron vaseyi A. Gray 'White Find'. WHITE FIND AZALEA. Edgerton and Stengel Wildflower Garden (50).

* *Rhododendron viscosum* (L.) Torr. SWAMP AZALEA. 31, 32, Fine Garden (11).

- * *Rhododendron viscosum* (L.) Torr., var. *glaucum* (Michx.) Gray.
WHITE-LEAVED SWAMP-AZALEA. 31, Fine Garden (11).
- * *Vaccinium angustifolium* Aiton. COMMON LOWBUSH
BLUEBERRY. Gries Conifer Collection (33N).
- * *Vaccinium atrococcum* (A. Gray) A. Heller. BLACK Highbush
BLUEBERRY. 20, 21, 23.
- * *Vaccinium corymbosum* L. Highbush BLUEBERRY. 6, 11, 20,
also along Arboretum Pond. Specimen of particular interest in
area 49.
- Vaccinium crassifolium* Andrews 'Well's Delight'. WELL'S
DELIGHT CREEPING BLUEBERRY. Gries Conifer Collection
(33M).
- Zenobia pulverulenta* (Bartr.) Pollard. DUSTY ZENOBIA. 11.

Order EBENALES

Family Ebenaceae, the Ebony Family

- * *Diospyros virginiana* L. PERSIMMON. 16

Family Styracaceae, the Styrax Family

- Halesia tetraptera* Ellis. (= *Halesia carolina* L.). SILVER-BELL
TREE. 21, 25. Edgerton and Stengel Wildflower Garden
(50).

- Styrax japonicus* Siebold & Zucc. JAPANESE SNOWBELL. 1.

Subclass **ROSIDAE**

Order **ROSALES**

Family **Hydrangeaceae**, the Hydrangea Family

Hydrangea arborescens L. AMERICAN HYDRANGEA. 5, 16, 32.

Hydrangea arborescens L., subsp. *discolor* (Ser.) McClint (= *Hydrangea cinerea* Small). AMERICAN HYDRANGEA. 16.

Hydrangea quercifolia Bartr. OAK-LEAVED HYDRANGEA. Gries Conifer Collection (33N, 33C).

Family **Grossulariaceae**, the Gooseberry Family

Itea virginica L. 'Henry's Garnet'. HENRY'S GARNET SWEETSPIRE 3, 23, 27

Family **Rosaceae**, the Rose Family

* *Amelanchier arborea* (Michx. f.) Fern. DOWNY SERVICEBERRY. 3, 24, 43, 25.

* *Amelanchier canadensis* (L.) Medic. EASTERN SERVICEBERRY; SHADBUSH. 2, 23, Gries Conifer Collection (33N).

* *Amelanchier laevis* Wieg. SMOOTH SERVICEBERRY,; SHADBUSH 4 Edgerton and Stengel Wildflower Garden (50)..

Amelanchier nantucketensis Bickn. NANTUCKET SHADBUSH, NANTUCKET SERVICEBERRY. Gries Conifer Collection (33S). May be a naturally occurring hybrid between *A. canadensis* and *A. spicata*.

- * *Amelanchier spicata* (Lam.) K. Koch. (= *Amelanchier stolonifera* Wieg.). DWARF SERVICEBERRY; DWARF SHADBLOW. Gries Conifer Collection (33S).
- Aronia arbutifolia* (L.) Elliot. 'Brilliantissima'. BRILLIANT CHOKEBERRY. Gries Conifer Collection (33C).
- * *Aronia prunifolia* (Marsh.) Rehd. PURPLE CHOKEBERRY. 4, 25. Self-perpetuating hybrid between *A. arbutifolia* and *A. melanocarpa*.
- Crataegus calpodendron* (Ehrh.) Medic. PEAR-HAWTHORN; BLACKTHORN. 2, 15.
- * *Crataegus crus-galli* L. COCKSPUR-THORN; COCKSPUR HAWTHORN. 4, 11, 13, 15.
- * *Crataegus mollis* (Torr. & A. Gray) Scheele (includes *Crataegus arnoldiana* Sarg.). DOWNY HAWTHORN; RED HAWTHORN. 2, 6, 11, 13.
- Crataegus monogyna* Jacq. ONESEED HAWTHORN; ENGLISH HAWTHORN. 4, 14, 15, 20.
- Crataegus phaenopyrum* (L.f.) Medic. WASHINGTON HAWTHORN. 1, 12, 13. Especially large specimen in Outdoor Theatre.
- * *Crataegus pruinosa* (Wendl.) K. Koch. FROSTED HAWTHORN. 4.
- * *Crataegus punctata* Jacq. DOTTED HAWTHORN. 11.
- Crataegus viridis* L. GREEN HAWTHORN. 4.
- Crataegus viridis* L. 'Winter King' WINTER KING HAWTHORN. Upper Laurel Walk (7, 8).

Physocarpus opulifolius (L.) Maxim. NINEBARK. 2, 4.

* *Potentilla fruticosa* L. SHRUBBY CINQUEFOIL; SHRUBBY-FIVE FINGERS. 4.

Potentilla fruticosa L. '**Coronation Triumph**'. CORONATION TRIUMPH SHRUBBY CINQUEFOIL. Gries Conifer Collection (33M).

Potentilla fruticosa L. '**Gold Finger**'. GOLD FINGER SHRUBBY CINQUEFOIL. Gries Conifer Collection (33M).

Potentilla fruticosa L. '**Gold Star**'. GOLD STAR SHRUBBY CINQUEFOIL. Gries Conifer Collection (33M).

Potentilla fruticosa L. '**Primrose Beauty**'. PRIMROSE BEAUTY SHRUBBY CINQUEFOIL. Gries Conifer Collection (33M).

Potentilla fruticosa L. '**Tangerine**'. TANGERINE SHRUBBY CINQUEFOIL. Gries Conifer Collection (33M).

* *Prunus americana* Marsh. WILD PLUM. 4, 5.

* *Prunus gravesii* Small. GRAVE'S BEACH PLUM. Currently believed to be a variety of *Prunus maritima* with small, subrotund leaves. Collected from a single, unusual clone-colony in Connecticut. 5.

* *Prunus maritima* Marsh. BEACH PLUM. 4, 5, 6, Gries Conifer Collection (33C).

* *Prunus nigra* Aiton. CANADA PLUM. 4.

- * *Prunus pensylvanica* L. f. PIN-CHERRY. 5, 6.
- * *Prunus serotina* Ehrh. WILD BLACK CHERRY. 5, 43.
- * *Prunus virginiana* L. CHOKE-CHERRY. 5.
- Pyrus malus* L. (= *Malus pumila* Mill.) COMMON APPLE. 12.
- * *Rosa carolina* L. PASTURE ROSE. Gries Conifer Collection (33N).
- * *Rosa virginiana* Mill. VIRGINIA ROSE. 2.
- * *Sorbus americana* Marsh. AMERICAN MOUNTAIN ASH. 5, 34.
- * *Spiraea alba* Duroi. var. *latifolia* (Aiton) Dippel (= *Spiraea latifolia* [Aiton] Borkh). MEADOWSWEET. 4, 18, 36, 25 .

Order FABALES

Family **Caesalpinaceae**, the *Caesalpinia* Family

- * *Cercis canadensis* L. REDBUD. 3, 11, 23, Klagsbrun Garden (24), Edgerton and Stengel Wildflower Garden (50).
- Cercis canadensis* L. f. *alba* Rehd. WHITE REDBUD. Klagsbrun Garden (24). Edgerton and Stengel Wildflower Garden (50),
- Gleditsia triacanthos* L. HONEY LOCUST. 42.
- Gleditsia triacanthos* L., var. *inermis* Willd. 'Shademaster'. SHADEMASTER THORNLESS HONEY LOCUST. 23.

Gleditsia triacanthos L., var. *inermis* Willd. 'EMERALD CASCADE'. EMERALD CASCADE WEeping HONEY LOCUST. Klagsbrun Garden (24).

Gymnocladus dioica (L.) K. Koch. KENTUCKY COFFEETREE. 23.

Family **Fabaceae**, the Pea or Bean Family

Amorpha fruticosa L. FALSE INDIGO. 23.

Cladrastis lutea (Michx. f.) K. Koch. (= *Cladrastis kentuckea* [Dum.-Cours.] Rudd.). YELLOW-WOOD. 25.

Robinia pseudoacacia L. BLACK LOCUST. 10, 15, 16, Klagsbrun Garden (24).

Order **MYRTALES**

Family **Lythraceae**, the Loosestrife Family

* *Decodon verticillatus* (L.) Elliott. WATER-WILLOW, SWAMP LOOSESTRIFE. Growing in pond in area 34.

Family **Thymelaeaceae**, the Mezereum Family

* *Dirca palustris* L. LEATHERWOOD. 11, 39, Gries Conifer Collection (33C).

Order **CORNALES**

Family **Cornaceae**, the Dogwood Family

- * *Cornus alternifolia* L. ALTERNATE LEAVED DOGWOOD; PAGODA DOGWOOD. 4, 11, 15. 43.
- * *Cornus amomum* Mill. SILKY DOGWOOD. 4, 5.
- * *Cornus florida* L. FLOWERING DOGWOOD. 3, 4, 5, 12 and elsewhere.
- * *Cornus racemosa* Lam. GRAY DOGWOOD; NORTHERN SWAMP DOGWOOD. 4.
- * *Cornus rugosa* Lam. ROUND-LEAVED DOGWOOD. 4.
- * *Cornus sericea* L. (*Cornus stolonifera* Michx.). RED-OSIER DOGWOOD. 4.
- Cornus sericea* L. f. *baileyi* (J. Coult. & W.H. Evans) Fosb.
BAILEY'S RED-OSIER DOGWOOD. Gries Conifer Collection (33C).
- Cornus sericea* L. 'Flaviramea'. GOLDEN-TWIG DOGWOOD. 4.
- * *Nyssa sylvatica* Marsh. BLACK GUM. 10, 11, 23, 36 and elsewhere.

Order CELASTRALES

Family Celastraceae, the Staff-tree Family

- * *Celastrus scandens* L. AMERICAN BITTERSWEET. Klagsbrun Garden (24).
- Euonymus americanus* L. STRAWBERRY BUSH. 15.

Paxistima canbyi A. Gray. CLIFF GREEN, PAXISTIMA. Edgerton and Stengel Wildflower Garden Entrance (4), Gries Conifer Collection (33S).

Family **Aquifoliaceae**, the Holly Family

- * *Ilex glabra* (L.) A. Gray. INKBERRY. 12, 26, 29.
- * *Ilex opaca* Aiton. AMERICAN HOLLY. 12, 21, 26.
- * *Ilex verticillata* (L.) A. Gray. WINTERBERRY. 18, 21, 29, 31, 25, 50.
- * *Nemopanthus mucronatus* (L.) Trel. MOUNTAIN HOLLY. 26.

Order **RHAMNALES**

Family **Vitaceae**, the Grape Family

- * *Vitis labrusca* L. FOX GRAPE. Along pond cove in area 34.

Order **SAPINDALES**

Family **Staphyleaceae**, the Bladder-nut Family

- * *Staphylea trifolia* L. AMERICAN BLADDERNUT. 15.

Family **Hippocastanaceae**, the Horse-chestnut Family

Aesculus flava Aiton (= *Aesculus octandra* Marsh.). SWEET BUCKEYE. 27.

Aesculus parviflora Walt. BOTTLE BRUSH BUCKEYE. 27.

Aesculus hippocastanum L. European Horse Chestnut. 16.

Family **Aceraceae**, the Maple Family

* *Acer pensylvanicum* L. MOOSEWOOD; STRIPED MAPLE. 18, 19, 21, 25, Edgerton and Stengel Wildflower Garden (50).

* *Acer rubrum* L. RED MAPLE. 1, 6, 18, 36.

* *Acer saccharinum* L. SILVER MAPLE. 16, 17.

* *Acer saccharum* Marsh. SUGAR MAPLE. 17, 18, 19, 21, 24.

Family **Anacardiaceae**, the Cashew Family

Cotinus obovatus Raf. AMERICAN SMOKE TREE. 15.

* *Rhus aromatica* Aiton. FRAGRANT SUMAC, SQUAW-BUSH. 46

* *Rhus copallinum*. L. SHINING SUMAC. 18.

* *Rhus glabra* L. SMOOTH SUMAC. 18.

* *Rhus typhina* L. STAGHORN SUMAC. 18.

Family **Rutaceae**, the Rue Family

Ptelea trifoliata L. COMMON HOP-TREE. 15, 16, 23.

* *Zanthoxylum americanum* Mill. COMMON PRICKLY ASH. 21.

Subclass **ASTERIDAE**

Order **SCROPHULARIALES**

Family **Oleaceae**, the Olive Family

Chionanthus virginicus L. FRINGE TREE. 12. Edgerton and Stengel Wildflower Garden (50).

* *Fraxinus americana* L. WHITE ASH. 9, 12, 13, 27, 28, 29, 36. Edgerton and Stengel Wildflower Garden (50). Large specimen in 36.

Fraxinus excelsior L. EUROPEAN ASH. 28

Family **Bignoniaceae**, the Trumpet-Creeper Family

Campsis radicans (L.) Seemann. TRUMPET-CREEPER. 21.

Catalpa speciosa Warder. NORTHERN CATALPA. 21.

Order **RUBIALES**

Family **Rubiaceae**, the Madder Family

* *Cephalanthus occidentalis* L. BUTTONBUSH. Edge of Arboretum Pond near Outdoor Theatre and elsewhere.

* *Mitchella repens* L. PARTRIDGE-BERRY. Edgerton and Stengel Wildflower Garden (50).

Family **Caprifoliaceae**, the Honeysuckle Family

* *Diervilla lonicera* Mill. BUSH HONEYSUCKLE. 10.

- Diervilla sessilifolia* Buckl. SOUTHERN BUSH HONEYSUCKLE. 10.
- * *Lonicera canadensis* Bartr. FLY HONEYSUCKLE. 10.
- * *Lonicera dioica* L. WILD HONEYSUCKLE. 10.
- * *Lonicera sempervirens* L. TRUMPET HONEYSUCKLE VINE. 36.
- * *Sambucus canadensis* L. AMERICAN ELDER. 4, 19.
- * *Viburnum acerifolium* L. MAPLE-LEAVED VIBURNUM. 9, 10, 12, 35.
- * *Viburnum alnifolium* Marsh. HOBBLEBUSH. 10, 16.
- Viburnum dentatum* L. ARROW-WOOD. 10, Gries Conifer Collection (33C).
- * *Viburnum dentatum* L. var. *lucidum* Aiton (= *Viburnum recognitum* Fern.). NORTHERN ARROW-WOOD. 10, 12, 13, 21.
- * *Viburnum lentago* L. NANNYBERRY. 10, 14, 16, 30.
- * *Viburnum nudum* L. SMOOTH WITHE-ROD. 10, Gries Conifer Collection (33C).
- * *Viburnum nudum* L. var. *cassinoides* (L.) Torr. & A. Gray (= *Viburnum cassinoides* L.). WITHE-ROD. 10.
- * *Viburnum prunifolium* L. BLACK HAW. 10, 27.
- * *Viburnum rafinesquianum* Schult. DOWNY ARROW-WOOD. 10.

* *Viburnum opulus* L var. *americanum* Aiton. (= *Viburnum trilobum* Marsh). Highbush Cranberry. 10.

Viburnum opulus L var. *americanum* Aiton. 'Wentworth'.
Wentworth Highbush Cranberry. Wildflower Garden
Entrance (5).

Class **LILIOPSIDA**, The Monocotyledons

Subclass **LILIIDAE**

Order **LILIALES**

Family **Liliaceae**, the Lily Family

* *Smilax glauca* Walt. Sawbrier. 42, 43.

* *Smilax rotundifolia* L. Common Greenbrier. 21, edge of
Arboretum Pond, and elsewhere.

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