

Biological Reserve List of Woody Plants



RED MAPLE

photo by Tom D. Schultz

This list includes those species of trees and shrubs that have been recorded at the Biological Reserve. A thorough survey of the woody plants was conducted by Jeremy King in 1996. Status indicates the general abundance of the species in the Reserve as follow: A = abundant (sure to find), C = common (likely to find in several locations) U = uncommon (should find but only in specific locations), R= rare (very localized, only a few specimens). The location indicates where along a trail a specimen may be found. The "far fields" indicate those successional fields located east of the ponds in the Alrutz Section and farthest from the entrance. The near fields ar those east of the ponds. The "corner meadow" is located in the southeast corner of the Alrutz Section adjacent to the Whitetail Deer Loop trail.

SPECIES STATUS/LOCATION

GYMNOSPERMAE

GINGKOACEAE

Maidenhair Tree, *Ginkgo biloba* R, planted at Rt.661 entrance

CONIFERS

CUPRESSACEAE

Eastern Red-Cedar, *Juniperus virginiana* U, Taylor-Ochs Loop

TAXACEAE

Yew, *Taxus canadensis* R, planted at Rt.661 entrance

PINACEAE

Larch, *Larix laricina* R, planted at Rt.661 entrance

Norway Spruce, *Picea abies* U, plantation, Ovenbird Loop

Blue Spruce, *Picea pungens* R, planted at Rt.661 entrance

Red Pine, *Pinus resinosa* U, plantation, Whitetail Loop

White Pine, *Pinus strobus* U, plantation, Whitetail Loop

ANGIOSPERMAE

MONOCOTS

LILIACEAE

Bristly Greenbrier, *Smilax hispida* C, south Whitetail Loop

Greenbrier, *Smilax rotundifolia* U, base of Crinoid Hill Trail

DICOTS

MAGNOLIACEAE

Tuliptree, *Liriodendron tulipifera* C, plantation, Norpell Loop

Cucumber Magnolia, *Magnolia acuminata* R, Alrutz Sect. woods

ANNONACEAE

Pawpaw, *Assimina triloba* C, east and west Whitetail Loop

LAURACEAE

Spice-bush, *Lindera benzoin* A, throughout

Sassafras, *Sassafras albidum* C, Woodcock Trail, T-O Loop

BERBERIDACEAE

Japanese Barberry, *Berberis thunbergii* C, Whitetail Loop

MENISPERMACEAE

Moonseed, *Menispermum canadense* U, Taylor-Ochs Loop

PLATANACEAE

Sycamore, *Platanus occidentalis* C, along Clay Run

HAMAMELIDACEAE

Sweet Gum, *Liquidambar styraciflua* R, southeast Norpell Sect.

ULMACEAE

Slippery Elm, *Ulmus rubra* C, Hyacinth Trail

American Elm, *Ulmus americana* U, Hyacinth Trail

Hackberry, *Celtis occidentalis* U, west Whitetail Loop

MORACEAE

Red Mulberry, *Morus rubra* U, Ovenbird Loop

White Mulberry, *Morus alba* U, around Alrutz Sect. ponds

Osage Orange, *Maclura pomifera* C, Taylor-Ochs Loop

JUGLANDACEAE

Black Walnut, *Juglans nigra* C, Whitetail Loop

Butternut, *Juglans cinerea* R, west side of ponds

Bitternut Hickory, *Carya cordiformis* C, Taylor-Ochs Loop

Shagbark Hickory, *Carya ovata* C, between WXL and GQT

Big Shellbark Hickory, *Carya lacinoisa* U, Taylor-Ochs Loop

Sweet Pignut Hickory, *Carya ovalis* U, east Whitetail Loop

FAGACEAE

American Beech, *Fagus grandifolia* C, Sugar Bush Trail

White Oak, *Quercus alba* U, northeast Whitetail Loop

White-Chestnut Oak hybrid, *Quercus saluei* R, Norpell Loop

Red Oak, *Quercus rubra* U, Hyacinth Trail, T-O Loop

Black Oak, *Quercus velutina* U, south Norpell Loop.

Chinkapin Oak, *Quercus muehlenbergii* R, northeast Norpell Sect.

BETULACEAE

Ironwood, *Carpinus caroliniana* C, Hyacinth Trail, Clay Run

Hornbeam, *Ostrya virginiana* C, Taylor-Ochs Loop

TILIACEAE

Basswood, *Tilia americana* U, west of corner meadow

SALICACEAE

Cottonwood, *Populus deltoides* U, Taylor-Ochs Loop, Clay Run

Bigtooth Aspen, *Populus grandidentata* U, west Whitetail Loop

Quaking Aspen, *Populus tremuloides* R, northeast Spring Peeper Pond

Weeping Willow, *Salix babylonica* R, northwest Taylor-Ochs Sect.

Pussy Willow, *Salix discolor* R, Wood Duck Pond

Heart-leaf Willow, *Salix rigida* U, ponds and Clay Run

Black Willow, *Salix nigra* U, ponds and Clay Run

ERICACEAE

Pink Azalea, *Rhododendron nudiflorum* R, Hankinson Road entrance

Great Rhododendron, *R. maximum* R, Ovenbird Loop

GROSSULARIACEAE

Gooseberry, *Ribes cynosbati* C, Ovenbird Loop

ROSACEAE

Downy Serviceberry, *Amelanchier arborea* U, west Whitetail Loop

Hawthorn, *Crataegus* sp. C, Hyacinth Trail

Wild Black Cherry, *Prunus serotina* C, west Whitetail Loop

Fire (Pin) Cherry, *Prunus pensylvanica* U, Taylor-Ochs Sect. Clay Run

Wild Crabapple, *Pyrus coronaria* U, west Taylor-Ochs Sect.

Apple, *Pyrus malus* U, Waxwing Loop

Blackberry, *Rubus allegheniensis* A, near fields

Raspberry, *Rubus occidentalis* C, Gravel Quarry Trail

Multiflora Rose, *Rosa multiflora* A, throughout

Swamp Rose, *Rosa palustris* U, around ponds

Climbing Prairie Rose, *Rosa setigera* U, northwest Whitetail Loop

CAESALPINIACEAE

Redbud, *Cercis canadensis* U, southwest Whitetail Loop

Honey Locust, *Gleditsia triacanthos* C, Gravel Quarry Trail

Kentucky Coffeetree, *Gymnocladus dioica* R, Hankinson Road entrance

FABACEAE

Black Locust, *Robinia pseudo-acacia* C, south Whitetail Loop

ELAEAGNACEAE

Russian-olive, *Elaeagnus angustifolia* U, far fields

NYSSACEAE

Sourgum or Black Gum, *Nyssa sylvatica* R, Taylor-Ochs Sect.

CORNACEAE

Flowering Dogwood, *Cornus florida* C, north Taylor-Ochs Loop

Rough-leaf Dogwood, *Cornus drummondii* U, south Whitetail Loop

Alternate-leaved Dogwood, *C. alternifolia* U, west Whitetail Loop

Knob-styled Dogwood, *Cornus amomum* R, west of ponds

Red-Osier Dogwood, *Cornus stolonifera* R, east Whitetail Loop

CELASTRACEAE

Oriental Bittersweet, *Celastris orbiculata* C, Alrutz Sect. woods

American Bittersweet, *Celastris scandens* U, Gravel Quarry Trail

Winged Burning Bush, *Euonymus alatus* U, path to old dump

Running Strawberry Bush, *E. obovatus* C, Norpell Sect.

AQUIFOLIACEA

American Holly, *Ilex opaca* R, west Whitetail Loop

RHAMNACEAE

Carolina Buckthorn, *Rhamnus caroliniana* U, Hyacinth Trail

Common Buckthorn, *Rhamnus cathartica* R, Norpell Sect.

European-Alder Buckthorn, *R. frangula* C, Alrutz Sect. pine plantation

VITACEAE

Virginia Creeper, *Parthenocissus quinquefolia* A, throughout woods

River-bank Grape, *Vitis riparia* C, near ponds

Frost Grape, *Vitis vulpina* C, Hyacinth/Sugarbush Trails

HIPPOCASTANACEAE

Ohio Buckeye, *Aesculus glabra* U, south of far fields

ACERACEAE

Box Elder, *Acer negundo* C, south Whitetail Loop

Red Maple, *Acer rubrum* C, Woodcock Trail

Sugar Maple, *Acer saccharum* A, woods throughout

Black Maple, *Acer nigrum* R, north of corner meadow

Silver Maple, *Acer saccharinum* U, Alrutz Sect. woods

ANACARDIACEAE

Staghorn Sumac, *Rhus typhina* U, hilltop, west Whitetail Loop

Smooth Sumac, *Rhus glabra* U, Catalpa Trail

Poison Ivy, *Rhus radicans* A, woods throughout

SIMAROUBACEAE

Tree-of-Heaven, *Ailanthus altissima* R, Taylor-Ochs Sect.

OLEACEAE

White Ash, *Fraxinus americana* C, east Whitetail Loop

Green Ash, *Fraxinus pennsylvanica* A, Hyacinth Trail

Black Ash, *Fraxinus nigra* R, Taylor-Ochs Sect.

Blue Ash, *Fraxinus quadrangulata* R, Taylor-Ochs Sect.

Pumpkin Ash, *Fraxinus profunda* R, Taylor-Ochs Sect.

Privet, *Ligustrum vulgare* C, northwest Whitetail Loop

BIGNONIACEAE

Trumpet Creeper, *Campis radicans* U, west of corner meadow

Northern Catalpa, *Catalpa speciosa* U, Catalpa Trail

CAPRIFOLIACEAE

Japanese Honeysuckle, *Lonicera japonica* C, along Clay Run near ponds

Eurasian Fly Honeysuckle, *L. morrowi* A, Gravel Quarry Trail

Common Elder, *Sambucus canadensis* C, north of Spring Peeper Pond

Arrow-wood, *Viburnum dentatum* C, Ovenbird Loop

Arrow-wood, *Viburnum recognitum* U, Alrutz Sect.

Maple-leaf Viburnum, *V. acerfolium* U, Alrutz Sect.

Back Haw, *Viburnum prunifolium* U, Hyacinth Trail

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