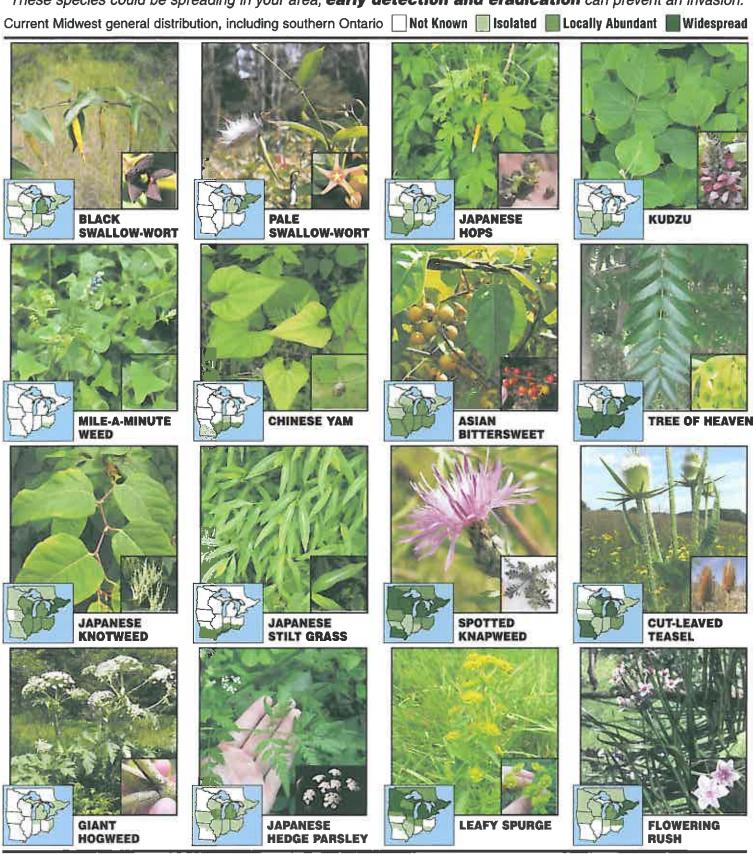
KEEP A LOOKOUT



for New INVASIVE PLANTS in the Midwest!

These species could be spreading in your area; early detection and eradication can prevent an invasion.



New INVASIVE PLANTS in the Midwest



BLACK SWALLOW-WORT (Cynanchum louiseae) Herbaceous, perennial vine twines 3 – 8 feet high. Leaves opposite, 2 – 5 inches long, toothless, narrowly to broadly oval, pointed tips, dark green and shiny. Flowers tiny, dark purple with 5 pointed, downy, triangular petals that are as long as wide. Seedpods milkweed-like, slender and tapered, 1.5 – 3 inches long. Seed on silky filaments. Threatens woodlands, forests, grasslands and savannas.

PALE SWALLOW-WORT (Cynanchum rossicum) Herbaceous, perennial vine twines 3 – 6 feet high. Leaves opposite (similar to black swallow-wort). Flowers maroon to pink with 5 pointed, hairless, triangular petals that are twice as long as wide. Seedpods milkweed-like (similar to black swallow-wort). Seed on silky filaments. Threatens woodlands, forests, grasslands and savannas.

JAPANESE HOPS (Humulus japonicus) Herbaceous annual vine twines counter-clockwise, Leaves opposite, 2 – 5 inches long, toothed, palmately divided usually with 5 lobes. Leaf stem as long or longer than leaf length. Leaves and stem with hooked climbing hairs. Flowers mid to late summer, male and female flowers on separate plants. Threatens floodplains, wet forests, stream banks and lakeshores in sun or shade.

KUDZU (*Pueraria montana var. lobata*) Semiwoody, perennial **vine** climbs 30 – 90 feet. **Leaves** alternate, compound with 3 unlobed to deeply lobed leaflets, hairy beneath and up to 4 inches wide. **Flowers** purple, pea-like, grow from leaf axils in long hanging clusters, bloom in late summer. **Seedpods** brown, flattened and hairy. Threatens forest edges, woodlands and savannas.

MILE-A-MINUTE WEED (Polygonum perfoliatum) Annual, herbaceous vine that climbs to 15 feet tall. Stem with hooked barbs and circular, cup-shaped, leafy structures around the stem at nodes. Leaves alternate, shaped like an equilateral triangle with barbs on undersides, leaf bases arrow- to heart-shaped. Flowers small, white and inconspicuous. Fruit a fleshy, blue, pea-sized berry. Threatens woodland edges, wetlands and riparian corridors.

CHINESE YAM (*Dioscorea oppositifolia*) Herbaceous, perennial vine twines clockwise, climbs to 15 feet. Leaves opposite, upper nodes alternate, reddish where leaf stem joins leaf, variable shape often shield- or heart-shaped. **Flowers** small and white, cinnamon odor, arranged in spikes. Reproductive **bulbils** (small potato-like tubers in leaf axils) present June – September. Threatens stream sides, floodplains and ravines.

ASIAN BITTERSWEET (Celastrus orbiculatus) Woody, perennial vine. Leaves alternate, toothed, teardrop-shaped to round with a pointed tip. Flowers small and greenish yellow, male and female flowers on separate plants, bloom early summer, fruit in fall. Fruit greenish to yellow, grows in clusters of 3 – 7 along stem at leaf axils, splits open to reveal bright red inner-fruit. Threatens woodlands, forests, floodplains, savannas and riparian corridors.

TREE OF HEAVEN (Ailanthus altissima) Deciduous tree grows to 80 feet. Stems smooth, pale gray bark. Leaves alternate, 1 – 4 feet long, compound with 11 – 25 leaflets with 1 or more glandular teeth near the leaf base. Flowers yellow-green, near branch tips, male and female flowers on separate trees. Seeds in twisted flat "wings" borne in clusters. All parts of the tree have a strong odor. Threatens woodland edges and forest openings.

JAPANESE KNOTWEED (Polygonum cuspidatum) Perennial herb with **shrub-like** form grows 3 – 9 feet. Stem hollow, bamboolike with swollen leaf joints. **Leaves** 6 inches long, 3 – 4 inches wide, leaf base straight across to bluntly right angled. **Flowers** white to pink and densely crowded on erect stalks. Threatens riparian corridors, fens, springs, ravines, forests and streamsides.

JAPANESE STILT GRASS (*Microstegium vimineum*) Annual, sprawling grass, 12 – 24 inches tall, resembling miniature bamboo. **Leaves** wide, alternate, pale green, lance-shaped, 2 – 3 inches long, pale silvery stripe of reflective hairs along midrib of upper surface. **Flower spikes** 1 – 3 inches long, bloom late summer into early fall, prolific seed production. Threatens river and stream corridors, floodplains, moist woodlands and forested wetlands.

SPOTTED KNAPWEED (Centaurea biebersteinii) Short-lived, perennial herb. First-year plants form low-growing rosettes. Flowering stems leafy, 1 – 2 feet tall with wiry, hoary branches. Leaves grayish, hairy, deeply cut with narrow lobes. Flowers thistle-like, pink to purple. Flower base covered by black-tipped bracts. Threatens savannas, grasslands, sand dunes and prairies.

CUT-LEAVED TEASEL (*Dipsacus laciniatus*) Perennial herb, flowers once then dies. First year forms a low-growing rosette; second or third year produces a 2 – 6 foot stem. **Leaves** on stem opposite, long, deeply cut, prickly, joined into a cup around stalk. **Stem** ridged and spiny. **Flowers** small and white in oval-shaped heads atop stems, bloom summer into fall. Threatens prairies and sedge meadows. **Common teasel** (*D. fullonum*) similar and invasive but with purple flowers, leaves not deeply cut.

GIANT HOGWEED (Heracleum mantegazzianum) Large perennial herb, flowers once then dies. First year is a single leaf, then grows a larger rosette each year. In fourth or fifth year produces a 7 – 15 foot flower stalk. Leaves 3-part compound, 1 – 4 feet wide, deeply incised and pointed. Flowers white in multiple broad dorned umbels. Flower stalk hollow with coarse hairs and reddish purple splotching. Threatens river corridors and woodland edges. Caution! Plant sap causes severe photodermatitis.

JAPANESE HEDGE PARSLEY (Torilis japonica) Biennial herb grows 2 – 4 feet tall when flowering in second year. First-year rosettes are low, parsley-like and green into fall. Leaves alternate, fern-like, 2 – 5 inches long, slightly hairy. Flowers tiny and white, clustered in small flat-topped umbels. Fruit small and covered with hooked hairs. Threatens woodlands and savannas. Spreading hedge parsley (T. arvensis) is very similar and invasive.

LEAFY SPURGE (Euphorbia esula) Perennial herb grows 2 – 3 feet. Milky sap in stem and leaves. **Leaves** alternate, narrow with pointed tips, smooth and hairless. **Flowers** on paired, yellowish green cup-shaped bracts. Bracts in clusters of 7 – 10 at top of stem, bloom late spring to mid summer. **Seedpods** attach to center of paired bracts. Threatens prairies, grasslands, savannas, sand dunes and open woodlands.

FLOWERING RUSH (Butomus umbellatus) Perennial, emergent aquatic herb (can be submerged in deep water). Emergent leaves 3 feet tall, stiff, narrow and triangular in cross-section. Flowers 3 petals and 3 sepals, white or pink, distinctive flat-topped spray atop a tall stalk, bloom late summer through early fall. Prefers shallow or slow-moving water. Threatens marshes, backwaters and shorelines.

For control and management of these species, please visit the following Web sites:

www.nps.gov/plants/alien/factmain.htm, tncweeds.ucdavis.edu/control.html, dnr.wi.gov/invasives/plants.htm and www. invasivespeciesinfo.gov/plants/main.shtml



Plants to Avoid When Landscaping

The plant list below includes non-native, invasive plants to avoid when landscaping. Those considered most invasive in our region are denoted by an asterisk (*). The invasive plants on this list encroach upon and severely threaten natural plant communities. They spread aggressively, crowd out native plants and create monocultures that threaten the habitats of native wildlife.

Non-native Trees, Shrubs and Vines

Scientific Name

Common Name

Acer platanoides Norway maple Ailanthus altissim tree of heaven *Alnus glutinosa European alder Ampelopsis brevipedunculataporcelain berry Berberis thunbergii Japanese barberry *Betula pendula European white birch *Celastrus orbiculatus Japanese bittersweet Colutea arborescens bladder senna Russian olive Elaeagnus angustifolia *Elaeagnus umbellata autumn olive

*Elaeagnus umbellata autumn olive
Euonymus alatus winged spindle-tree
*Euonymus fortunei Chinese spindle-tree
Exochorda racemosa pearl-bush

Exochorda racemosa pearl-bush *Ligustrum vulgare common privet *Lonicera x bella Bell's honeysuckle *Lonicera japonica Japanese honeysuckle *Lonicera maackii Amur honeysuckle *Lonicera morrowi Morrow's honeysuckle Tartarian honeysuckle Lonicera tatarica Malus prunifolia Chinese crabapple Morus alba white mulberry Populus alba white poplar *Rhamnus cathartica common buckthorn European buckthorn *Rhamnus frangula

Robinia pseudoacacia black locust Rosa canina dog rose Rosa eglanteria sweetbrier *Rosa multiflora multiflora rose Salix fragilis crack willow Salix purpurea basket willow Ulmus pumila Siberian elm

*Viburnum opulus European high-bush cranberry

Non-Native Herbaceous Plants

Scientific Name	Common Name
*Aegopodium podagraria	goutweed
*Alliaria petiolata	garlic mustard
*Artemisia vulgaris	mugwort
Bromus inermis	smooth brome
Centaurea maculosa	spotted knapweed
Chelidonium majus	greater celandine
*Cirsium arvense	Canada thistle
Cirsium vulgare	bull-thistle
Conium maculatum	poison hemlock
Calystegia sepium	common bindweed
Coronilla varia	crown vetch
*Dipsacus laciniatus	cut-leaf teasel
*Dipsacus sylvestris	common teasel
*Duchesnea indica	Indian strawberry
*Epilobium hirsutum	hairy willow-herb
Euphorbia cyparissias	cypress spurge
Festuca pratensis	tall fescue
Galium odorata	sweet woodruff
*Hedera helix	English ivy
Hemerocallis fulva	day lily
Hieracium aurantiacum	devil's paintbrush
Holcus lanatus	velvet grass
*Iris pseudacorus	yellow flag
*Lythrum salicaria	purple loosestrife
Melilotus alba	white sweet clover
*Myriophyllum spicatum	Eurasian water-milfoil
Najas minor	European naiad
Ornithogalum nutans	drooping Bethlehem-bells
*Ornithogalum umbellatun	Bethlehem-bells
*Pachysandra terminalis	pachysandra
Pastinaca sativa	wild parsnip
*Phalaris arundinacea	reed canary grass
*Phragmites australis	giant reed grass
*Polygonum cuspidatum	Japanese knotweed
Potamogeton crispus	curly-leaved pondweed
*Ranunculus ficaria	lesser celandine
Saponaria officinalis	bouncing bet
Sonchus arvensis	sow thistle
Sorghum halepense	Johnson grass
*Typha angustifolia	narrow-leaved cattail
*Typha x glauca	hybrid cattail
Verbascum thapsus	common mullein
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myrtle

*Vinca minor

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OHIO'S INVASIVE PLANT SPECIES

The majority of invasive plant species in Ohio's natural areas are non-native. Of the more than 700 non-native plant species in Ohio, approximately 60 species threaten natural areas. The following three categories separate the species by their invasiveness in Ohio.

TARGETED SPECIES: These species have a state-wide distribution, are the most invasive in Ohio's natural areas, and are the most difficult to control. These species were chosen as the focus for the Division's Ohio EPA Environmental Education grant in 1999-2000.

WELL-ESTABLISHED INVASIVES: The distribution and invasiveness of these species are state-wide or regional within Ohio. These species pose moderate to serious threats to natural areas in Ohio.

WATCH LIST: These species are very invasive in natural areas in neighboring states and are a potential threat in Ohio. The current distribution of these species may be limited, but should be monitored.

TARGETED SPECIES

Common Name

Autumn-olive Buckthorn, glossy

Buckthorn, European or common

Common reed grass *

Garlic mustard

Honeysuckle, amur

Honeysuckle, Japanese

Honeysuckle, Morrow

Honeysuckle, Tatarian

Japanese knotweed

Multiflora rose

Purple loosestrife

Reed canary grass *

Scientific Name

Elaeagnus umbellata

Rhamnus frangula Rhamnus cathartica

Phragmites australis

Alliaria petiolata

Lonicera maackii

Lonicera japonica

Lonicera morrowii

Lonicera tatarica

Polygonum cuspidatum

Rosa multiflora

Lvthrum salicaria

Phalaris arundinacea

WELL-ESTABLISHED INVASIVES

Common Name

Air-potato

Asian bittersweet

Bouncing bet

Canada thistle

Cattail, hybrid

Cattail, narrow-leaved

Celandine, lesser

Crown-vetch

Curly pondweed

Dame's rocket

Day-lily

European cranberry-bush

Scientific Name

Dioscorea batatas

Celastrus orbiculatus

Saponaria officinalis

Cirsium arvense

Typha Xglauca

Typha angustifolia Ranunculus ficaria

Coronilla varia

Potamogeton crispus

Hesperis matronalis

Hemerocallis fulva

Viburnum opulus var. opulus

^{*}these species may have native and non-native strains

WELL-ESTABLISHED INVASIVES CONT.

Common Name

Eurasian water-milfoil

Field bindweed

Flowering-rush

Japanese barberry

Johnson grass

Meadow fescue

Moneywort

Lesser naiad

Periwinkle or myrtle

Poison hemlock

Privet, common

Quack grass

Queen Anne's lace

Russian-olive

Smooth brome

Sweet-clover, white

Sweet-clover, yellow

Teasel, common

Teasel, cut-leaved

Tree-of-heaven

Water-cress

Willow-herb, hairy

Willow herb, small-flowered hairy

Winged euonymus

Wintercreeper

Yellow flag

Scientific Name

Myriophyllum spicatum

Convolvulus arvensis

Butomus umbellatus

Berberis thunbergii

Sorghum halepense

Festuca pratensis

Lvsimachia nummularia

Najas minor

Vinca minor

Conium maculatum

Ligustrum vulgare

Agropyron repens

Daucus carota

Elaeagnus angustifolia

Bromus inermis

Melilotus alba

Melilotus officinalis

Dipsacus fullonum (sylvestris)

Dipsacus laciniatus

Ailanthus altissima

Rorippa nasturtium-aquaticum

Epilobium hirsutum

Epilobium parviflorum

Euonymus alatus

Euonymus fortunei

Iris pseudacorus

WATCH LIST

Common Name

Black swallow-wort

Chinese silvergrass

Dog rose

Giant knotwood

Honeysuckle, showy pink

Kudzu

Leafy spurge

Mile-a-minute vine

Nepalgrass

Nodding thistle

Porcelain-berry

Privet, border

Spotted knapweed Star-of-Bethlehem

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Scientific Name

Vincetoxicum nigrum

Miscanthus sinensis

Rosa canina

Polygonum sachalinense

Lonicera Xbella

Pueraria lobata

Euphorbia esula

Polygonum perfoliatum

Microstegium vimineum

Carduus nutans

Ampleopsis brevipedunculata

Ligustrum obtusifolium

Centaurea maculosa

Onithigalum umbellatum

FOR MORE INFORMATION CONTACT:

Ohio Division of Natural Areas and Preserves

2045 Morse Road, Bldg. F-1 Columbus, Ohio 43229 (614) 265-6453



6375 Riverside Drive, Suite 50 Dublin, Ohio 43017 (614) 717-2770

April 2000





Note to Retailer: The shopper who left this card is one of many Midwesterners who are concerned about the impact of invasive plants on natural areas. Some of these plants are still for sale through the nursery trade. To learn more about invasive plants (as well as safe landscaping alternatives) please visit our website at www.mipn.org. Thank you for your interest in stewarding our precious natural resources. Midwest Invasive Plant Network Note to Retailer: The shopper who left this card is one of many Midwesterners who are concerned about the impact of invasive plants on natural areas. Some of these plants are still for sale through the nursery trade. To learn more about invasive
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Starter Ohio Native Plant Information

Ohio Native Plant Lists

- Choose helpful native plants like Scarlet Honeysuckle (native and good for to wildlife) vs. Bush Honeysuckle (not native, harmful Invasive that needs to be removed) – avoid wildflower seed packets that contain Invasive species.
- Native & Invasive, select Ohio, plant type, http://enature.com/native_invasive/natives.asp
- Ohio Native Plant Booklet, Franklin County Extension, http://ohioline.osu.edu/b865/index.html

Ohio Native Plant Suppliers (not an endorsement of any vendor, call ahead for species availability)

- Wild Birds Unlimited Riverside, 614-766-2103, 5400 Riverside Dr, Columbus, container plants almost exclusively Ohio natives, varying sizes available at store, Native Plant Guide http://columbusoh.wbu.com/content/show/20823
- Envirotech Consultants, container plants, mail order except 2 scheduled one-day sales, Somerset www.envirotechcon.com
- Riverside Native Trees and Shrubs, wide variety of local provenance hardwood trees and shrubs in containers,
 2295 River Rd, Delaware, call first 740-815-3230
- Porterbrook Native Plants, 740-247-4565, 49607 State Route 124, Racine, www.porterbrooknativeplants.com
- Ohio Prairie Nursery in Hiram, seeds, one container group collection 866-569-3380, www.ohioprairienursery.com
- Marvin's Organic Gardens, containers on site, ask for Ohio natives*, 3989 US Route 42, Lebanon, Phone: 513-398-5753 www.marvinsorganicgardens.com
- Naturally Native Nursery, 419-833-2020, 13737 State Route 582, Bowling Green, http://www.naturallynative.net/
- Scioto Gardens, container plants on site, many Ohio natives*, Delaware, 470-363-8264 http://www.sciotogardens.com/
- Pike County Farm, <u>www.pikecountyfarm.com</u>, native plants. Phone 614-262-8940, Cell 614-288-0604, rsanders2913@scpwildblue.com
- Companion Plants, some Ohio natives*, 7247 N. Coolville Ridge Rd. Athens, mail order and on site, 740-592-4643 www.companionplants.com
- Natives in Harmony, www.nativesinharmony.com/, 4652 Township Rd 179, Marengo, containers on site, 419-688-9800
- Prairie Nursery Land Reformers, mail order/landscape, mostly Ohio natives*, mostly seeds, Rutland,740-742-3478
- Annual Jan.-Feb Franklin County Soil & Water sale, order by March deadline, trees and bushes mostly dry root w/some container; sells native fish for ponds, 614-486-9613, www.franklinswcd.org
- Bulk native seeds for extremely large (100's of acres) sites only, Pheasants Forever, www.ohiopf.com
 - * "text in quotes" or X in scientific name means cultivar or hybrid pure native plants are preferred food sources

Planning Your Yard

- National Wildlife Federation (NWF): http://www.nwf.org/gardenforwildlife/
- Wild Ones Natural Landscapes: http://www.for-wild.org/
- NWF Backyard Certification free info packet & questions: 800-822-9919 M-F 8:30-5pm EST
- Remove Invasive plants: Worst in Ohio http://www.oipc.info/specieslist.html
- Wildlife concerns? Ohio Wildlife Center, 24-hr hotline 614-793-WILD: http://owc.org/
- Humane Wildlife Solutions, 614-763-0696, Email: Humane Wildlife Solutions@hotmail.com

For informational purposes only; not an endorsement for any company or product



For Landscape and Restoration Use

Compiled by the ODNR Division of Natural Areas and Preserves, this list represents those species native to Ohio that can be used for a variety of habitats.

Field and Prairie Species

Plant Type	Scientific Name	Common Name
Deciduous-Shrub		
	Ceanothus americanus	New Jersey tea
	Cornus racemosa	gray dogwood
	Corylus americana	American hazelnut or filbert
	Rhus aromatica	fragrant sumac
	Rhus copallina	winged sumac
	Rhus glabra	smooth sumac
	Rhus typhina	staghorn sumac
	Rosa setigera	prairie rose
	Rubus idaeus	red raspberry
	Rubus occidentalis	black raspberry
	Salix humilis	prairie willow
Deciduous-Tree		
	Diospyros virginiana	persimmon
	Malus coronaria	wild crabapple
	Prunus americana	wild plum
	Quercus imbricaria	shingle oak
	Quercus macrocarpa	bur oak
	Quercus stellata	postoak
Forb-Annual		
	Chamaecrista fasciculata	partridge-pea
	Sabatia angularis	rose-pink
Forb-Annual/Bienni		
	Lobelia spicata	pale lobelia

Rudbeckia hirta black-eyed susan rb-Biennial Gaura biennis biennial gaura rb-Perennial Allium cernuum nodding onion Anemone canadensis Canada anemone, windflower Anemone virginiana thimbleweed, tall anemone Asclepias sullivantii Sullivant's milkweed Asclepias tuberosa butterfly weed Asclepias verticillata whorled milkweed
Gaura biennis biennial gaura rb-Perennial Allium cernuum nodding onion Anemone canadensis Canada anemone, windflower Anemone virginiana thimbleweed, tall anemone Asclepias sullivantii Sullivant's milkweed Asclepias tuberosa butterfly weed
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Asclepias sullivantii Sullivant's milkweed Asclepias tuberosa butterfly weed
Asclepias tuberosa butterfly weed
•
Asclepias verticillata whorled milkweed
Aster ericoides heath aster, white wreath aster
Aster laevis smooth aster
Aster novae-angliae New England aster
Aster oolentangiensis sky blue aster
Baptisia alba white false indigo
Baptisia tinctoria yellow false indigo
Blephilia ciliata downy woodmint
Coreopsis lanceolata long-stalked coreopsis
Coreopsis tripteris tall coreopsis
Delphiinum exaltatum tall larkspur
Dodecatheon meadia shooting star
Echinacea purpurea purple coneflower
Eupatorium altissimum tall boneset
Eupatorium coelestinum mist flower
Euphorbia corollata flowering spurge
Helianthus grosseserratus sawtooth sunflower
Helianthus hirsutus hairy sunflower
Helianthus occidentalis western sunflower
Helianthus strumosus pale-leaved sunflower
Helianthus tuberosus Jerusalum-artichoke
Heliopsis helianthoides ox-eye sunflower

Plant Type	Scientific Name	Common Name
<u></u>	Houstonia canadensis	Canada bluets
	Hypoxis hirsuta	yellow star-grass
	Lespedeza capitata	roundheaded bush-clover
	Liatris aspera	rough blazing-star
	Liatris scariosa	large blazing-star
	Liatris spicata	spiked blazing star
	Liatris squarrosa	scaly blazing-star
	Lithospermum canescens	hoary puccoon
	Monarda fistulosa	wild bergamot
	Onosmodium molle	false gromwell
	Penstemon digitalis	beardtongue
	Penstemon hirsutus	hairy beardtongue
	Phlox maculata	spotted phlox
	Phlox pilosa	prairie phlox
	Physostegia virginiana	obedient plant
	Pycnanthemum tenuifolium	slender mountain-mint
	Pycnanthemum verticillatum	hairy mountain-mint
	Pycnanthemum virginianum	Virginia mountain-mint
	Ratibida pinnata	gray-headed coneflower
	Rudbeckia fulgida	brown-eyed susan
	Rudbeckia triloba	three-lobed coneflower
	Ruellia humilis	wild petunia
	Senna hebecarpa	wild senna
	Silphium terebinthinaceum	prairie dock
	Silphium trifoliatum	whorled rosinweed
	Solidago juncea	early goldenrod
	Solidago nemoralis	gray goldenrod
	Solidago riddellii	Riddell's goldenrod
	Solidago rigida	stiff goldenrod
	Solidago speciosa	showy goldenrod
	Tephrosia virginiana	goat's rue

Plant Type	Scientific Name	Common Name
<u> </u>	Teucrium canadense	American germander
	Tradescantia ohiensis	Ohio spiderwort
	Verbena simplex	narrow-leaved vervain
	Verbena stricta	white vervain
	Vernonia gigantea	tall ironweed
	Veronicastrum virginicum	Culver's root
	Viola sagittata	arrow-leaved violet
	Zizia aptera	heart-leaved golden alexanders
	Zizia aurea	golden alexanders
Graminoid		
	Andropogon gerardii	big bluestem
	Bouteloua curtipendula	sideoats gramma
	Bromus kalmii	prairie brome, wild chess
	Elymus canadensis	Canada wild rye
	Eragrostis spectabilis	purple lovegrass
	Panicum virgatum	switchgrass
	Schizachyrium scoparium	little bluestem
	Sorghastrum nutans	Indian grass
Vine		
	Clematis virginiana	virgin's bower

FOR MORE INFORMATION CONTACT:

ODNR, Division of Natural Areas and Preserves

2045 Morse Road, Bidg. F-1 Columbus, OH 43229 614/265-6453 www.ohiodnr.com/dnap



For Landscape and Restoration Use

Compiled by the ODNR, Division of Natural Areas and Preserves, this list represents those species native to Ohio that can be used for a variety of habitats.

Upland Woods Species

		-
Plant Type	Scientific Name	Common Name
Deciduous-Shrub		
	Cornus alternifolia	alternate-leaved dogwood
	Corylus americana	American hazelnut or filbert
	Diervilla Ionicera	bush honeysuckle
	Dirca palustris	leatherwood
	Euonymus americana	strawberry bush
	Euonymus atropurpurea	wahoo
	Gaylussacia baccata	huckleberry
	Hamamelis virginiana	witch hazel
	Hydrangea arborescens	wild hydrangea
	Hypericum hypericoides	St. Andrew's cross
	Hypericum prolificum	shrubby St. John's-wort
	Lindera benzoin	spicebush
	Lonicera dioica	wild honeysuckle
	Prunus virginiana	choke cherry
	Rhamnus caroliniana	Carolina buckthom
	Ribes cynosbati	dogberry
	Rosa carolina	Carolina rose
	Rubus odoratus	flowering raspberry
	Sambucus pubens	scarlet elderberry
	Staphylea trifolia	bladdemut
	Symphoricarpos orbiculatus	coralberry
	Vaccinium angustifolium	low-bush blueberry
	Vaccinium pallidum	low blueberry
	Vaccinium stamineum	deerberry
	Viburnum acerifolium	maple-leaf vibumum

Plant Type	Scientific Name	Common Name
	Viburnum dentatum	arrowwood
	Viburnum prunifolium	black haw
Deciduous-Tree		
	Acer negundo	box elder
	Acer rubrum	red maple
	Acer saccharum	sugar maple
	Acer spicatum	mountain maple
	Aesculus flava	yellow buckeye
	Amelanchier arborea	downy serviceberry
	Asimina triloba	paw paw
	Betula alleghaniensis	yellow birch
	Betula lenta	cherry birch
	Carpinus caroliniana	blue beech, hornbeam, musclewood
	Carya cordiformis	bitternut
	Carya glabra	pignut hickory
	Carya illinoinensis	pecan
	Carya laciniosa	shellbark hickory
	Carya ovalis	sweet pignut hickory
	Carya ovata	shagbark hickory
	Carya tomentosa	mockernut hickory
	Celtis occidentalis	hackbeпу
	Cercis canadensis	redbud
	Cornus florida	flowering dogwood
	Fagus grandifolia	beech
	Fraxinus americana	white ash
	Fraxinus quadrangulata	blue ash
	Gymnocladus dioica	Kentucky coffee tree
	Juglans cinerea	butternut
	Juglans nigra	black walnut
	Liriodendron tulipifera	tulip tree
	Magnolia acuminata	cucumber tree
	Magnolia tripetala	umbrella magnolia
	Morus rubra	red mulberry
	Nyssa sylvatica	black gum
	Ostrya virginiana	hop hombeam

Plant Type	Scientific Name	Common Name
	Oxydendrum arboreum	sourwood
	Populus deltoides	eastern cottonwood
	Populus grandidentata	large-toothed aspen
	Prunus pensylvanica	fire cherry
	Prunus serotina	black cherry
	Ptelea trifoliata	wafer-ash
	Quercus alba	white oak
	Quercus coccinea	scarlet oak
	Quercus imbricaria	shingle oak
	Quercus marilandica	blackjack oak
	Quercus muehlenbergii	chinquapin oak
	Quercus prinus	chestnut oak
	Quercus rubra	red oak
	Quercus shumardii	shumard oak
	Quercus stellata	post oak
	Quercus velutina	black oak
	Sassafras albidum	sassafras
	Tilia americana	American basswood
	Tilia heterophylla	white basswood
	Ulmus rubra	slippery elm
	Zanthoxylum americanum	prickly-ash
Evergreen-Shrub		
	Kalmia latifolia	mountain laurel
	Taxus canadensis	Canada yew
Evergreen-Tree		
	Juniperus virginiana	eastern red cedar
	Pinus echinata	shortleaf pine
	Pinus rigida	pitch pine
	Pinus strobus	eastern white pine
	Pinus virginiana	Virginia pine
	Thuja occidentalis	northern white cedar
	Tsuga canadensis	eastern hemlock
Fern		
	Adiantum pedatum	maidenhair fern
	Asplenium platyneuron	ebony spleenwort
	F	k

Plant Type	Scientific Name	Common Name
	Athyrium filix-femina	lady fern
	Botrychium virginianum	rattlesnake fern
	Dennstaedtia punctilobula	hay-scented fern
	Deparia acrosticoides	silvery glade fern
	Diplazium pycnocarpon	narrow-leaved glade fern
	Dryopteris goldiana	Goldie's fern
	Dryopteris intermedia	evergreen wood fern
	Dryopteris marginalis	marginal wood fern
	Osmunda claytoniana	interrupted fem
	Phegopteris hexagonoptera	broad beech fern
	Polystichum acrostichoides	Christmas fern
	Thelypteris novaboracensis	New York fern
Forb-Annual		
	Floerkea proserpinacoides	false mermaid-weed
	Hydrophyllum appendiculatum	appendaged waterleaf
	Impatiens pallida	yellow jewelweed
	Phacelia purshii	Miami-mist
Forb-Annual/Bienni		
	Campanula americana	American bellflower, tall bellflower
Forb-Perennial		
	Actaea pachypoda	white baneberry
	Allium tricoccum	wild leek
	Anemone quinquefolia	wood anemone
	Anemonella thalictroides	rue anemone
	Apocynum androsaemifolium	spreading dogbane
	Aquilegia canadensis	columbine
	Arisaema triphyllum	Jack-in-the-pulpit
	Asarum canadense	wild ginger
	Aster cordifolius	blue heart-leaved aster
	Aster divaricatus	white wood aster
	Aster sagittifolius	arrow-leaved aster
	Cacalia muhlenbergii	great indian plantain
	Camassia scilloides	wild hyacinth
	Cardamine concatenata	cut-leaved toothwort
	Cardamine diphylla	two-leaved toothwort

Plant Type	Scientific Name	Common Name
	Cardamine douglassii	purple spring cress
	Caulophyllum thalictroides	blue cohosh
	Chrysopsis mariana	Maryland golden aster
	Cimicifuga racemosa	black cohosh
	Claytonia virginica	narrow-leaved spring beauty
	Collinsonia canadensis	horsebalm
	Coreopsis major	forest coreopsis
	Corydalus flavula	yellow hadequin
	Cunilla origanoides	dittany
	Delphinium tricorne	dwarf larkspur
	Dicentra canadensis	squirrel-com
	Dicentra cucullaria	Dutchman's breeches
	Epigaea repens	trailing arbutus
	Erythronium albidum	white trout-lily
	Erythronium americanum	yellow trout lily
	Eupatorium purpureum	purple Joe-pye weed
	Eupatorium rugosum	white snakeroot
	Gaultheria procumbens	wintergreen
	Geranium maculatum	wild geranium
	Geranium robertianum	herb Robert
	Helianthus decapetalus	forest sunflower
	Helianthus divaricatus	woodland sunflower
	Helianthus hirsutus	hairy sunflower
	Helianthus microcephalus	small-headed sunflower
	Helianthus strumosus	pale-leaved sunflower
	Hepatica acutiloba	sharp-lobed hepatica
	Hepatica americana	round-lobed hepatica
	Heuchera americana	alumroot
	Houstonia caerulea	bluets
	Houstonia longifolia	long-leaved bluets
	Hydrophyllum canadense	broad-leaved waterleaf
	Hydrophyllum macrophyllum	large-leaved waterleaf
	Hydrophyllum virginianum	Virginia waterleaf
	Iris cristata	dwarf crested iris
	Jeffersonia diphylla	twinleaf
	Krigia biflora	orange dwarf-dandelion

Plant Type	Scientific Name	Common Name
	Lespedeza hirta	hairy bush-clover
	Lespedeza violacea	violet bush-clover
	Lilium canadense	Canada lily
	Lysimachia quadrifolia	whorled loosestrife
	Maianthemum canadense	Canada mayflower
	Medeola virginiana	Indian cucumber-root
	Mertensia virginica	bluebells
	Mitchella repens	partridge berry
	Mitella diphylla	mitrewort
	Osmorhiza claytoni	woolly sweet cicely
	Osmorhiza longistylis	smooth sweet cicely
	Oxalis violacea	violet wood-sorrel
	Panax trifolium	dwarf ginseng
	Phlox divaricata	blue woodland phlox
	Phlox stolonifera	creeping phlox
	Podophyllum peltatum	may-apple
	Polemonium reptans	Greek valerian
	Polygonatum biflorum	smooth Solomon's-seal
	Polygonatum pubescens	hairy Solomon's-seal
	Polymnia canadensis	leafcup
	Polymnia uvedalia	yellow-flowered leafcup
	Prosartes lanuginosa	yellow mandarin
	Pycnanthemum incanum	hoary mountain-mint
	Pycnanthemum pycnanthemoides	southern mountain-mint
	Pyrola elliptica	shinleaf
	Pyrola rotundifolia	round-leaved wintergreen
	Ranunculus hispidus var. hispidus	hispid buttercup
	Salvia lyrata	lyre-leaf sage
	Sanguinaria canadensis	bloodroot
	Saxifriga virginiensis	early saxifrage
	Sedum ternatum	wild stonecrop
	Senecio obovatus	round-leaved golden-ragwort
	Silene stellata	starry campion
	Silene virginica	fire pink
	Smilacina racemosa	Solomon's-plume
	Solidago bicolor	silver-rod

Plant Type	Scientific Name	Common Name
	Solidago caesia	blue-stemmed goldenrod
	Solidago erecta	slender goldenrod
	Solidago flexicaulis	zigzag goldenrod
	Solidago hispida	hairy goldenrod
	Solidago ulmifolia	elm-leaved goldenrod
	Stylophorum diphyllum	celandine-poppy
	Tephrosia virginiana	goat's rue
	Thalictrum dioicum	early meadow rue
	Tiarella cordifolia	foam flower
	Tradescantia virginiana	Virginia spiderwort, spider lily
	Trillium erectum	purple trillium
	Trillium flexipes	drooping triilium
	Trillium grandiflorum	large-flowered trillium
	Trillium sessile	toad-shade
	Uvularia grandiflora	large-flowered bellwort
	Uvularia perfoliata	perfoliate beliwort
	Uvularia sessilifolia	sessile-leaved bellwort
	Viola blanda	sweet white violet
	Viola canadensis	Canada violet
	Viola hastata	halberd-leaved violet
	Viola palmata	palmate-leaved violet
	Viola pubescens	common yellow violet
	Viola rostrata	long-spurred violet
Graminoid		
	Bromus pubescens	woodland brome
	Carex albican var. albicans	oak sedge
	Carex albursina	wing-stemmed wood sedge
	Carex blanda	common wood sedge
	Carex communis	beech sedge
	Carex davisii	Davis' sedge
	Carex glaucoidea	blue-green sedge
	Carex gracilescens	slender wood sedge
	Carex hirtifolia	hairy-leaved sedge
	Carex jamesii	James' sedge

Plant Type	Scientific Name	Common Name
	Carex laxiflora	two-edged sedge
	Carex normalis	larger straw sedge
	Carex pensylvanica	Pennsylvania sedge
	Carex plantaginea	plantain-leaved sedge
	Carex platyphylla	broad-leaved wood sedge
	Carex willdenowii	Wildenow's sedge
	Diarrhena americana	beak grass
	Elymus hystrix	bottlebrush grass
	Poa sylvestris	forest blue grass
Vine		
	Celastrus scandens	American bittersweet
	Parthenocissus quinquefolia	Virginia creeper

FOR MORE INFORMATION CONTACT:

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For Landscape and Restoration Use

Compiled by the ODNR, Division of Natural Areas and Preserves, this list represents those species native to Ohio that can be used for a variety of habitats.

Wet Woods Species

Plant Type	Scientific Name	Common Name
Deciduous-Shrub		
	Cornus drummondii	rough-leaf dogwood
	llex verticillata	winterberry
	Lindera benzoin	spicebush
	Viburnum dentatum	агтоwwood
Deciduous-Tree		
	Acer rubrum	red maple
	Acer saccharinum	silver maple
	Betula alleghaniensis	yellow birch
	Fraxinus nigra	black ash
	Fraxinus pennsylvanica	green ash
	Fraxinus tomentosa	pumpkin ash
	Liquidambar styraciflua	sweet gum
	Populus heterophylla	swamp cottonwood
	Quercus bicolor	swamp white oak
	Quercus macrocarpa	bur oak
	Quercus palustris	pin oak
	Ulmus americana	American elm
Forb-Annual		
	Impatiens capensis	orange jewelweed
Forb-Perennial		
	Arisaema dracontium	green dragon
	Caltha palustris	marsh marigold, cowslip
	Ranunculus hispidus var. nitidus	swamp buttercup
	Senecio aureus	golden ragwort
	Trientalis borealis	starflower
	Viola conspersa	American dog violet

Plant Type	Scientific Name	Common Name
	Viola cucullata	marsh blue violet
Graminoid		
	Carex bromoides	brome hummock sedge
	Carex crinita	fringed sedge
	Carex grayi	Gray's sedge
	Carex intumescens	bladder sedge
	Carex lupulina	hop sedge
	Carex muskingumensis	Muskingum sedge
	Cinna arundinacea	common wood-reed
	Elymus riparius	streambank wild rye
	Elymus villosus	downy wild rye
	Elymus virginicus	Virginia wild rye
	Glyceria melicaria	long manna grass
	Glyceria septentrionalis	floating manna grass
	Scirpus polyphyllus	leafy bulrush

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Floodplain Species

Plant Type	Scientific Name	Common Name
Deciduous-Shrub		
	Salix interior	sandbar willow
	Staphylea trifolia	bladdernut
Deciduous-Tree		
	Acer negundo	box elder
	Acer saccharinum	silver maple
	Aesculus glabra	Ohio buckeye
	Asimina triloba	paw paw
	Betula nigra	river birch
	Crataegus mollis	downy hawthom
	Fraxinus pennsylvanica	green ash
	Gleditsia triacanthos	honey locust
	Juglans nigra	black walnut
	Liquidambar styraciflua	sweet gum
	Platanus occidentalis	sycamore
	Populus deltoides	eastern cottonwood
	Salix nigra	black willow
	Ulmus americana	American elm
Fern		
	Cystopteris protrusa	lowland fragile fern
Forb-Perennial		
	Arisaema dracontium	green dragon
	Blephilia hirsuta	hairy woodmint
	Cardamine diphylla	two-leaved toothwort

Plant Type	Scientific Name	Common Name
	Eupatorium fistulosum	Joe-pye weed
	Helianthus tuberosus	Jerusalum-artichoke
	Lilium superbum	Turk's-cap lily
	Lysimachia ciliata	fringed loosestrife
	Mertensia virginica	bluebells
	Mimulus alatus	winged monkeyflower
	Phlox paniculata	summer phlox
	Rudbeckia laciniata	cut-leaf coneflower
	Silphium perfoliatum	cup plant
	Teucrium canadense	American germander
	Thalictrum pubescens	tall meadow rue
	Viola striata	common white violet
Graminoid		
	Carex grayi	Gray's sedge
	Chasmanthium latifolium	river oats
	Cinna arundinacea	common wood-reed
	Elymus macgregorii	early wild rye
	Elymus riparius	streambank wild rye
	Elymus villosus	downy wild rye
	Elymus virginicus	Virginia wild rye
	Glyceria melicaria	long manna grass

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