

Native Plants Recommended for Landscaping

From Cleveland Museum of Natural History's website (www.cmnh.org)

The plant list below includes an array of important native plant species that we recommend for landscaping. These plants provide animals with vital protection, food and nesting sites. The plant list is arranged in alphabetical order by common name. Each species can have several different common names, so when you are shopping for a specific plant we advise you to refer to it by its scientific name.

Woodland Wildflowers

Common Name	Scientific Name
False solomon's seal	<i>Smilacina racemosa</i>
Spring beauty	<i>Claytonia virginica</i>
Trillium, large white	<i>Trillium grandiflorum</i>
Trout lily	<i>Erythronium americanum</i>
Violet, common blue	<i>Viola papilionacea</i>
Virginia bluebells	<i>Mertensia virginica</i>
Wild geranium	<i>Geranium maculatum</i>
Wild ginger	<i>Asarum canadense</i>
Wild blue phlox	<i>Phlox divaricata</i>

Well-Drained Meadow and Roadside Species

Common Name	Scientific Name
Aster, New England	<i>Aster novae-angliae</i>
Aster, panicled	<i>Aster simplex</i>
Canada lily	<i>Lilium canadense</i>
Garden phlox	<i>Phlox paniculata</i>
Goldenrod, tall	<i>Solidago altissima</i>
Meadow-rue, tall	<i>Thalictrum polygamum</i>
Milkweed, common	<i>Asclepias syriaca</i>
Wild bergamot	<i>Monarda fistulosa</i>

Evergreen Ground Cover and Ferns

Common Name	Scientific Name
Fern, Christmas	<i>Polystichum acrostichoides</i>
Fern, intermediate	<i>Dryopteris intermedia</i>
Fern, marginal shield	<i>Dryopteris marginalis</i>
Foamflower	<i>Tiarella cordifolia</i>
Partridgeberry	<i>Mitchella repens</i>
Wintergreen	<i>Gaultheria procumbens</i>

Native Plants Recommended for Landscaping (continued)

Wet Meadow and Pond Shores

Common Name	Scientific Name
Boneset	<i>Eupatorium perfoliatum</i>
Bur-reed, greater	<i>Sparganium eurycarpum</i>
False dragonhead	<i>Physostegia virginiana</i>
Goldenrod, late	<i>Solidago gigantea</i>
Goldenrod, rough-leaved	<i>Solidago patula</i>
Iris, common blue flag	<i>Iris versicolor</i>
Ironweed, tall	<i>Vernonia gigantea</i>
Joe-pye weed	<i>Eupatorium fistulosum</i>
Lizard's tail	<i>Saururus cernuus</i>
Lobelia, great blue	<i>Lobelia siphilitica</i>
Milkweed, swamp	<i>Asclepias incarnata</i>
Monkey flower	<i>Mimulus ringens</i>
Sneezeweed	<i>Helenium autumnale</i>
Vervain, blue	<i>Verbena hastata</i>

Deciduous Ferns

Common Name	Scientific Name
Fern, lady	<i>Athyrium filix-femina</i>
Fern, silvery glade	<i>Athyrium thelypteroides</i>
Fern, New York	<i>Thelypteris noveboracensis</i>

Woodland Shrubs

Common Name	Scientific Name
Spicebush	<i>Lindera benzoin</i>
Viburnum, maple-leaved	<i>Viburnum acerifolium</i>
Witch Hazel	<i>Hamamelis virginiana</i>

Small Trees/Shrubs to Control Erosion

Common Name	Scientific Name
Alder, speckled	<i>Alnus incana</i>
Aspen, bigtooth	<i>Populus grandidentata</i>
Aspen, quaking	<i>Populus tremuloides</i>
Hop hornbeam	<i>Ostrya virginiana</i>
Sassafras	<i>Sassafras albidum</i>
Sumac, staghorn	<i>Rhus typhina</i>
Willow, diamond	<i>Salix eriocephala</i>
Willow, sandbar	<i>Salix exigua</i>

Native Plants Recommended for Landscaping (continued)

Shrubs That Provide Cover and Food for Birds

Common Name	Scientific Name
Viburnum, Arrowwood	<i>Viburnum recognitum</i>
Blueberry, high-bush	<i>Vaccinium corymbosum</i>
Dogwood, silky	<i>Cornus amomum</i>
Dogwood, red osier	<i>Cornus stolonifera</i>
Nannyberry	<i>Viburnum lentago</i>
Serviceberry, downy	<i>Amelanchier arborea</i>

Large Forest Trees

Common Name	Scientific Name
Basswood, American	<i>Tilia americana</i>
Birch, yellow	<i>Betula alleghaniensis</i>
Buckeye, Ohio	<i>Aesculus glabra</i>
Cucumber magnolia	<i>Magnolia acuminata</i>
Hemlock, eastern	<i>Tsuga canadensis</i>
Maple, red	<i>Acer rubrum</i>
Maple, sugar	<i>Acer saccharum</i>
Oak, bur	<i>Quercus macrocarpa</i>
Oak, white	<i>Quercus alba</i>
Oak, red	<i>Quercus rubra</i>
Tuliptree	<i>Liriodendron tulipifera</i>
Tupelo	<i>Nyssa sylvatica</i>

Small Forest Trees

Common Name	Scientific Name
Hop hornbeam	<i>Ostrya virginiana</i>
Ironwood, musclewood	<i>Carpinus caroliniana</i>
Pawpaw	<i>Asimina triloba</i>
Serviceberry, downy	<i>Amelanchier arborea</i>
Willow, black	<i>Salix nigra</i>

Plants to Avoid When Landscaping

From Cleveland Museum of Natural History's website (www.cmnh.org)

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
<i>Acer platanoides</i>	Norway maple
<i>Ailanthus altissima</i>	tree of heaven
* <i>Alnus glutinosa</i>	European alder
<i>Ampelopsis brevipedunculata</i>	porcelain berry
<i>Berberis thunbergii</i>	Japanese barberry
* <i>Betula pendula</i>	European white birch
* <i>Celastrus orbiculatus</i>	Japanese bittersweet
<i>Colutea arborescens</i>	bladder senna
<i>Elaeagnus angustifolia</i>	Russian olive
* <i>Elaeagnus umbellata</i>	autumn olive
<i>Euonymus alatus</i>	winged spindle-tree
* <i>Euonymus fortunei</i>	Chinese spindle-tree
<i>Exochorda racemosa</i>	pearl-bush
* <i>Ligustrum vulgare</i>	common privet
* <i>Lonicera x bella</i>	Bell's honeysuckle
* <i>Lonicera japonica</i>	Japanese honeysuckle
* <i>Lonicera maackii</i>	Amur honeysuckle
* <i>Lonicera morrowi</i>	Morrow's honeysuckle
<i>Lonicera tatarica</i>	Tartarian honeysuckle
<i>Malus prunifolia</i>	Chinese crabapple
<i>Morus alba</i>	white mulberry
<i>Populus alba</i>	white poplar
* <i>Rhamnus cathartica</i>	common buckthorn
* <i>Rhamnus frangula</i>	European buckthorn
<i>Robinia pseudoacacia</i>	black locust
<i>Rosa canina</i>	dog rose
<i>Rosa eglanteria</i>	sweetbrier
* <i>Rosa multiflora</i>	multiflora rose
<i>Salix fragilis</i>	crack willow
<i>Salix purpurea</i>	basket willow
<i>Ulmus pumila</i>	Siberian elm
* <i>Viburnum opulus</i>	European high-bush cranberry

Plants to Avoid When Landscaping (continued)

Non-Native Herbaceous Plants

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