

NON-NATIVE INVASIVE PLANTS OF DELAWARE

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This list consists of 198 species, subspecies and varieties of non-native, vascular plants that are thought to be invasive (79) or potentially invasive (119) in the state of Delaware. This list is updated annually as new data are collected and the ranks of species are assessed. The purpose of this list is not regulatory; it is to serve only as a reference, advising those who have an interest in and concerns about non-native plants in Delaware.

Non-native: A species that is not native to North America (north of Mexico). Non-native species are thought to have been introduced by humans, primarily through agricultural or horticultural practices. These species have become established in Delaware and are reproducing as if native (i.e., naturalized).

Adventive (identified with an asterisk*): A species native to North America, but not to Delaware that is now found growing in Delaware outside of its natural range. Adventive species are not considered to be part of Delaware's native flora. These species usually arrive due to the human-caused breakdown of natural barriers to dispersal. Adventive species also include plants that have been introduced, or intentionally planted in Delaware and are now escaping and surviving without cultivation.

Invasive: A species that causes environmental harm. Invasive species are very aggressive and out-compete and displace native flora and fauna.

Invasive Watchlist: Invasive species that are not yet well established in Delaware but have the potential to become abundant and widely distributed throughout the state. Invasive Watchlist species are often a priority for concern in surrounding states.

NON-NATIVE INVASIVE PLANTS OF DELAWARE

SCIENTIFIC NAME	COMMON NAME	LIFE FORM	INVASIVE	INVASIVE WATCHLIST
<i>Acer palmatum</i>	Japanese maple	Tree (deciduous)		X
<i>Acer platanoides</i>	Norway maple	Tree (deciduous)	X	
<i>Acorus calamus</i>	European sweetflag	Herb	X	
<i>Agrostis gigantea</i>	giant bentgrass	Grass		X
<i>Agrostis stolonifera</i> var. <i>stolonifera</i>	spreading bentgrass	Grass		X
<i>Ailanthus altissima</i>	tree-of-Heaven	Tree (deciduous)	X	
<i>Ajuga reptans</i>	carpet bugleweed	Herb		X
<i>Akebia quinata</i>	five-leaf akebia	Vine (woody)	X	
<i>Albizia julibrissin</i>	silk tree mimosa	Tree (deciduous)		X
<i>Alliaria petiolata</i>	garlic mustard	Herb	X	
<i>Allium vineale</i>	field garlic	Herb		X
<i>Amaranthus palmeri</i> *	Palmer's amaranth	Herb		X
<i>Ampelopsis glandulosa</i>	porcelain-berry	Vine (woody)	X	
<i>Anthriscus sylvestris</i>	chervil	Herb		X
<i>Aralia elata</i>	Japanese angelica-tree	Tree (deciduous)	X	
<i>Arthraxon hispidus</i>	joint-head arthraxon	Grass	X	
<i>Azolla caroliniana</i> *	Eastern mosquito-fern	Fern (aquatic, free-floating)		X
<i>Berberis thunbergii</i>	Japanese barberry	Shrub (deciduous)	X	
<i>Bidens polylepis</i> *	tick-seed sunflower	Herb	X	
<i>Brassica nigra</i>	black mustard	Herb		X
<i>Bromus inermis</i>	awnless brome	Grass	X	
<i>Bromus japonicus</i>	Japanese brome	Grass		X
<i>Bromus sterilis</i>	poverty brome	Grass		X
<i>Bromus tectorum</i>	cheat grass brome	Grass		X
<i>Broussonetia papyrifera</i>	paper-mulberry	Tree (deciduous)		X
<i>Buddleja davidii</i>	butterfly-bush	Shrub (deciduous)		X
<i>Cabomba caroliniana</i> *	Carolina fanwort	Herb (aquatic, submersed)	X	
<i>Callitriche stagnalis</i>	water-starwort	Herb		X
<i>Cardamine impatiens</i>	touch-me-not bittercress	Herb	X	
<i>Carex arenaria</i>	sand sedge	Sedge		X
<i>Carex kobomugi</i>	Asiatic sand sedge	Sedge	X	
<i>Celastrus orbiculatus</i>	Oriental bittersweet	Vine (woody)	X	
<i>Cenchrus purpurascens</i>	Chinese fountain grass	Grass		X
<i>Centaurea jacea</i>	brown knapweed	Herb		X

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<i>Centaurea nigra</i>	black knapweed	Herb		X
<i>Centaurea nigrescens</i>	short-fringed knapweed	Herb		X
<i>Centaurea stoebe</i> subsp. <i>micranthos</i>	spotted knapweed	Herb	X	
<i>Cirsium arvense</i>	Canada thistle	Herb	X	
<i>Cirsium vulgare</i>	bull thistle	Herb		X
<i>Clematis terniflora</i>	Japanese virgin's-bower	Vine (herbaceous)	X	
<i>Coincya monensis</i>	wallflower-cabbage	Herb		X
<i>Commelina communis</i> var. <i>communis</i>	light-blue Asiatic dayflower	Herb		X
<i>Conium maculatum</i>	poison-hemlock	Herb	X	
<i>Convolvulus arvensis</i>	field bindweed	Vine (herbaceous)		X
<i>Cynanchum louiseae</i>	black swallow-wort	Vine (herbaceous)		X
<i>Cynodon dactylon</i>	Bermuda grass	Grass		X
<i>Cyperus brevifolioides</i>	Asiatic greenhead sedge	Sedge		X
<i>Daucus carota</i>	wild carrot	Herb		X
<i>Digitaria sanguinalis</i>	hairy crabgrass	Grass		X
<i>Dioscorea polystachya</i>	Chinese yam	Vine (herbaceous)		X
<i>Echinochloa crusgalli</i>	barnyard grass	Grass	X	
<i>Egeria densa</i>	Brazilian waterweed	Herb (aquatic, submersed)	X	
<i>Eichhornia crassipes</i>	water hyacinth	Herb (aquatic, free-floating)		X
<i>Elaeagnus umbellata</i>	autumn olive	Shrub (deciduous)	X	
<i>Eragrostis curvula</i>	weeping lovegrass	Grass	X	
<i>Euonymus alatus</i>	winged euonymus	Shrub (deciduous)	X	
<i>Euonymus fortunei</i>	winter creeper	Vine (woody)	X	
<i>Fallopia japonica</i>	Japanese knotweed	Herb	X	
<i>Fallopia sachalinensis</i>	giant knotweed	Herb		X
<i>Fatoua villosa</i>	mulberry weed	Herb		X
<i>Festuca trachyphylla</i>	Ovina fescue	Grass		X
<i>Ficaria verna</i>	lesser celandine	Herb	X	
<i>Frangula alnus</i>	European alder-buckthorn	Shrub (deciduous)		X
<i>Froelichia floridana</i> *	Florida cottonweed	Herb		X
<i>Galanthus nivalis</i>	snowdrops	Herb	X	
<i>Galium mollugo</i>	madder bedstraw	Herb		X
<i>Galium verum</i>	yellow spring bedstraw	Herb		X
<i>Glechoma hederacea</i>	ground-ivy	Herb		X
<i>Gleditsia triacanthos</i> *	honey-locust	Tree (deciduous)		X
<i>Glossostigma cleistanthum</i>	mudmat	Herb (amphibious)		X

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<i>Grindelia squarrosa</i> var. <i>squarrosa</i> *	broadleaf gumweed	Herb		X
<i>Hedera helix</i>	English ivy	Vine (woody)	X	
<i>Hedera hibernica</i>	Atlantic ivy	Vine (woody)	X	
<i>Hemerocallis fulva</i>	orange daylily	Herb	X	
<i>Hesperis matronalis</i>	Dame's rocket	Herb		X
<i>Hieracium caespitosum</i>	meadow hawkweed	Herb		X
<i>Hieracium flagellare</i>	hawkweed	Herb		X
<i>Hordeum jubatum</i> *	foxtail barley	Grass		X
<i>Hosta ventricosa</i>	blue plantain-lily	Herb		X
<i>Humulus scandens</i>	Japanese hops	Vine (herbaceous)	X	
<i>Hyacinthoides hispanica</i>	Spanish bluebells	Herb		X
<i>Hydrilla verticillata</i>	hydrilla	Herb (aquatic, submersed)	X	
<i>Hypericum perforatum</i>	alien St. John's-wort	Herb		X
<i>Hypochaeris radicata</i>	spotted cat's-ear	Herb		X
<i>Ilex crenata</i>	Japanese holly	Shrub (evergreen)		X
<i>Iris pseudacorus</i>	yellow iris	Herb	X	
<i>Koelreuteria paniculata</i>	golden rain-tree	Tree (deciduous)		X
<i>Lamium galeobdolon</i>	yellow archangel	Herb		X
<i>Lespedeza bicolor</i>	shrubby bushclover	Shrub (semi-woody)		X
<i>Lespedeza cuneata</i>	Chinese bushclover	Herb	X	
<i>Lespedeza thunbergii</i>	Thunberg's bushclover	Shrub (semi-woody)		X
<i>Leucanthemum vulgare</i>	oxeye daisy	Herb		X
<i>Leucojum aestivum</i>	summer snowflake	Herb	X	
<i>Ligustrum japonicum</i>	Japanese Privet	Shrub (evergreen)	X	
<i>Ligustrum obtusifolium</i>	border privet	Shrub (deciduous)	X	
<i>Ligustrum ovalifolium</i>	California privet	Shrub (deciduous)	X	
<i>Ligustrum sinense</i>	Chinese privet	Shrub (deciduous)	X	
<i>Ligustrum vulgare</i>	European privet	Shrub (deciduous)	X	
<i>Lilium lancifolium</i>	tiger lily	Herb		X
<i>Lonicera fragrantissima</i>	sweet-breath-of-spring	Shrub (deciduous)		X
<i>Lonicera japonica</i>	Japanese honeysuckle	Vine (woody)	X	
<i>Lonicera maackii</i>	Amur honeysuckle	Shrub (deciduous)	X	
<i>Lonicera morrowii</i>	Morrow's honeysuckle	Shrub (deciduous)	X	
<i>Lonicera standishii</i>	Standish's honeysuckle	Shrub (deciduous)		X
<i>Lonicera tatarica</i>	Tartarian honeysuckle	Shrub (deciduous)		X
<i>Lotus corniculatus</i>	birds-foot trefoil	Herb		X
<i>Ludwigia grandiflora</i>	erect water primrose seedbox	Herb	X	
<i>Ludwigia leptocarpa</i> *	water-willow seedbox	Herb	X	

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<i>Ludwigia peploides</i> subsp. <i>glabrescens</i> *	creeping water primrose seedbox	Herb	X	
<i>Lycopus europaeus</i>	European bugleweed	Herb		X
<i>Lysimachia nummularia</i>	creeping loosestrife	Herb	X	
<i>Lythrum hyssopifolia</i>	hyssop loosestrife	Herb		X
<i>Lythrum salicaria</i>	purple loosestrife	Herb	X	
<i>Macleaya cordata</i>	plume poppy	Herb		X
<i>Magnolia kobus</i>	Kobus magnolia	Tree (deciduous)		X
<i>Magnolia tripetala</i> *	umbrella tree	Tree (deciduous)		X
<i>Mahonia bealei</i>	Beale's Oregon-grape	Shrub (evergreen)		X
<i>Mahonia repens</i> *	creeping hollygrape	Shrub (evergreen)		X
<i>Malus baccata</i>	Siberian crabapple	Tree (deciduous)		X
<i>Marsilea quadrifolia</i>	European water-clover	Fern		X
<i>Microstegium vimineum</i>	Japanese stilt grass	Grass	X	
<i>Miscanthus sinensis</i>	Chinese silver grass	Grass	X	
<i>Morus alba</i>	white mulberry	Tree (deciduous)	X	
<i>Murdannia keisak</i>	marsh dewflower	Herb	X	
<i>Myosotis scorpioides</i>	true forget-me-not	Herb		X
<i>Myosoton aquaticum</i>	giant-chickweed	Herb		X
<i>Myriophyllum aquaticum</i>	parrot's-feather water-milfoil	Herb (aquatic, submersed)	X	
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil	Herb (aquatic, submersed)		X
<i>Najas minor</i>	brittle naiad	Herb (aquatic, submersed)		X
<i>Narcissus pseudonarcissus</i>	daffodil	Herb		X
<i>Nymphoides peltata</i>	yellow floatingheart	Herb (aquatic, floating and rooted)		X
<i>Ornithogalum nutans</i>	drooping Star-of-Bethlehem	Herb		X
<i>Ornithogalum umbellatum</i>	Star-of-Bethlehem	Herb	X	
<i>Pachysandra terminalis</i>	pachysandra	Herb	X	
<i>Paspalum pubiflorum</i> var. <i>glabrum</i> *	hairyseed paspalum	Grass		X
<i>Pastinaca sativa</i>	wild parsnip	Herb		X
<i>Paulownia tomentosa</i>	royal Paulownia	Tree (deciduous)	X	
<i>Perilla frutescens</i>	beefsteak plant	Herb		X
<i>Persicaria hydropiper</i>	marshpepper smartweed	Herb		X
<i>Persicaria longisetata</i>	longbristle smartweed	Herb	X	
<i>Persicaria orientalis</i>	prince's-plume smartweed	Herb		X

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<i>Persicaria perfoliata</i>	mile-a-minute	Herb	X	
<i>Phalaris arundinacea</i> *	reed canary grass	Grass	X	
<i>Phellodendron amurense</i>	Amur corktree	Tree (deciduous)		X
<i>Photinia villosa</i>	oriental redbud	Tree (deciduous)		X
<i>Phragmites australis</i> subsp. <i>australis</i>	European reed	Grass	X	
<i>Phyllostachys aurea</i>	golden bamboo	Grass	X	
<i>Pimpinella saxifraga</i>	burnet-saxifrage	Herb		X
<i>Pinus thunbergiana</i>	Japanese black pine	Tree (evergreen, needle-leaf)	X	
<i>Pistia stratiotes</i>	water-lettuce	Herb (aquatic, floating and rooted)		X
<i>Poa compressa</i>	Canada bluegrass	Grass		X
<i>Poa pratensis</i>	Kentucky bluegrass	Grass		X
<i>Poa trivialis</i>	rough bluegrass	Grass	X	
<i>Populus alba</i>	white cottonwood	Tree (deciduous)	X	
<i>Potentilla reptans</i>	creeping cinquefoil	Herb		X
<i>Prunus avium</i>	sweet cherry	Tree (deciduous)		X
<i>Pueraria montana</i> var. <i>lobata</i>	kudzu	Vine (herbaceous)		X
<i>Pyrus calleryana</i>	Callery pear	Tree (deciduous)	X	
<i>Quercus acutissima</i>	sawtooth oak	Tree (deciduous)		X
<i>Ranunculus bulbosus</i>	bulbous buttercup	Herb		X
<i>Ranunculus repens</i>	creeping buttercup	Herb		X
<i>Rhamnus cathartica</i>	buckthorn	Shrub (deciduous)		X
<i>Rhamnus davurica</i>	lance-leaf buckthorn	Shrub (deciduous)		X
<i>Rhodotypos scandens</i>	jetbead	Shrub (deciduous)	X	
<i>Robinia hispida</i> var. <i>hispida</i> *	bristly locust	Tree (deciduous)		X
<i>Robinia pseudoacacia</i> *	black locust	Tree (deciduous)		X
<i>Rorippa sylvestris</i>	creeping yellowcress	Herb		X
<i>Rosa multiflora</i>	multiflora rose	Shrub (deciduous)	X	
<i>Rubus laciniatus</i>	evergreen blackberry	Shrub (deciduous)		X
<i>Rubus parvifolius</i>	three-leaf blackberry	Shrub (deciduous)	X	
<i>Rubus phoenicolasius</i>	wineberry	Shrub (deciduous)	X	
<i>Schoenoplectiella mucronata</i>	alien bulrush	Sedge	X	
<i>Setaria faberi</i>	nodding foxtail	Grass		X
<i>Setaria pumila</i>	dwarf yellow foxtail	Grass		X
<i>Setaria verticillata</i>	bristly foxtail	Grass		X
<i>Setaria viridis</i>	green foxtail	Grass		X
<i>Sorghum halepense</i>	Johnson grass	Grass	X	
<i>Spiraea japonica</i>	Japanese spiraea	Shrub (deciduous)		X
<i>Stellaria media</i>	medium starwort	Herb		X

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<i>Symphoricarpos albus</i> var. <i>laevigatus</i> *	white coral-berry	Shrub (deciduous)		X
<i>Symphoricarpos orbiculatus</i> *	coral-berry	Shrub (deciduous)		X
<i>Taraxacum officinale</i>	dandelion	Herb		X
<i>Thlaspi alliaceum</i>	roadside penny-cress	Herb	X	
<i>Trapa natans</i>	water chestnut	Herb (aquatic, floating and rooted)		X
<i>Tripsidium ravennae</i>	Ravenna grass	Grass		X
<i>Tussilago farfara</i>	colts-foot	Herb		X
<i>Typha angustifolia</i>	narrowleaf cattail	Herb	X	
<i>Urochloa platyphylla</i>	broadleaf signal-grass	Grass		x
<i>Urochloa texana</i> *	Texas signal-grass	Grass		x
<i>Urtica dioica</i>	stinging nettle	Herb	X	
<i>Verbascum thapsus</i>	great mullein	Herb		X
<i>Viburnum dilatatum</i>	exotic arrow-wood	Shrub (deciduous)	X	
<i>Viburnum plicatum</i>	Japanese snowball	Shrub (deciduous)		X
<i>Viburnum setigerum</i>	tea viburnum	Shrub (deciduous)	X	
<i>Viburnum sieboldii</i>	Siebold's viburnum	Shrub (deciduous)		X
<i>Vicia tetrasperma</i>	lentil vetch	Vine (herbaceous)		X
<i>Vinca minor</i>	lesser periwinkle	Herb	X	
<i>Wisteria sinensis</i>	Chinese wisteria	Vine (woody)	X	