

VIRGINIA INVASIVE PLANT SPECIES LIST

EFFECTIVE DATE: SEPTEMBER 2024

The list is for educational purposes only and has no regulatory authority. Per Virginia Code §10.1-104.6:2, the Virginia Invasive Plant Species List is periodically reviewed and updated. List updates require adherence to a specific invasives species risk assessment protocol developed by DCR. DCR routinely conducts data analysis and assessments for existing species and reviews potential list additions.



Two-horned trapa

The Virginia Invasive Plant Species List comprises species that are established — or may become established — in Virginia, cause economic and ecological harm, and present ongoing management issues.

To be included on the list, there must be demonstrable evidence that a species poses a threat to Virginia's forests, native grasslands, wetlands or waterways. Under the DCR Invasive Species Assessment Protocol, approved by the Virginia Invasive Species Working Group, January 2024, species were ranked as exhibiting **high**, **medium** or **low** levels of invasiveness based on their threat to natural communities and native species.

Invasiveness rank is higher for species that:

- Alter ecosystem processes, such as succession, hydrology or fire regime.
- Are capable of invading undisturbed natural communities.
- Cause substantial impacts on rare or vulnerable species or natural communities or high-quality examples of more common communities.
- Are found widely distributed and generally abundant where present.
- Disperse readily to new areas.
- Are difficult to control.

Scientific Name	Common Name	Virginia Invasiveness Rank	REGION		
			Mountain	Piedmont	Coastal
<i>Ailanthus altissima</i>	tree-of-heaven	High	•	•	•
* <i>Aldrovanda vesiculosa</i>	waterwheel	High	•	•	•
<i>Alliaria petiolata</i>	garlic mustard	High	•	•	•
<i>Alternanthera philoxeroides</i>	alligator-weed	High	•	•	•
<i>Ampelopsis glandulosa</i>	porcelain-berry	High	•	•	•
* <i>Arum italicum</i>	Italian arum	High	•	•	•
<i>Carex kobomugi</i>	Japanese sand sedge	High	•	•	•
<i>Celastrus orbiculatus</i>	Oriental bittersweet	High	•	•	•
<i>Centaurea stoebe</i> ssp. <i>micranthos</i>	spotted knapweed	High	•	•	•
<i>Cirsium arvense</i>	Canada thistle	High	•	•	•
<i>Citrus trifoliata</i>	trifoliolate orange	High	•	•	•
<i>Dioscorea polystachya</i>	cinnamon vine	High	•	•	•
<i>Elaeagnus umbellata</i>	autumn olive	High	•	•	•
<i>Euonymus alatus</i>	winged euonymus	High	•	•	•
<i>Ficaria verna</i>	lesser celandine	High	•	•	•
<i>Hydrilla verticillata</i>	hydrilla	High	•	•	•
* <i>Imperata cylindrica</i>	cogon grass	High	•	•	•
<i>Iris pseudacorus</i>	yellow flag	High	•	•	•
<i>Lespedeza cuneata</i>	sericea lespedeza	High	•	•	•
<i>Ligustrum sinense</i>	Chinese privet	High	•	•	•
<i>Lonicera japonica</i>	Japanese honeysuckle	High	•	•	•
<i>Lonicera maackii</i>	amur honeysuckle	High	•	•	•
<i>Lonicera morrowii</i>	Morrow's honeysuckle	High	•	•	•
* <i>Ludwigia hexapetala</i>	large-flowered primrose-willow	High	•	•	•
<i>Ludwigia peploides</i> var. <i>glabrescens</i>	floating primrose-willow	High	•	•	•
<i>Lythrum salicaria</i>	purple loosestrife	High	•	•	•
<i>Microstegium vimineum</i>	Japanese stiltgrass	High	•	•	•
<i>Murdannia keisak</i>	marsh dewflower	High	•	•	•
<i>Myriophyllum aquaticum</i>	parrot feather	High	•	•	•
<i>Myriophyllum spicatum</i>	Eurasian water-milfoil	High	•	•	•
<i>Oplismenus undulatifolius</i>	wavyleaf grass	High	•	•	•
* <i>Oshuna crassipes</i>	water hyacinth	High	•	•	•
<i>Persicaria perfoliata</i>	mile-a-minute	High	•	•	•
<i>Phragmites australis</i> ssp. <i>australis</i>	common reed	High	•	•	•
<i>Pueraria montana</i> var. <i>lobata</i>	kudzu	High	•	•	•
<i>Reynoutria japonica</i>	Japanese knotweed	High	•	•	•
<i>Rosa multiflora</i>	multiflora rose	High	•	•	•
<i>Rubus phoenicolasius</i>	wineberry	High	•	•	•
<i>Sorghum halepense</i>	Johnson grass	High	•	•	•
* <i>Trapa bispinosa</i> var. <i>iinumai</i>	two-horned trapa	High	•	•	•
<i>Triadica sebifera</i>	Chinese tallow-tree	High	•	•	•
* <i>Tripidium ravennae</i>	ravenna grass	High	•	•	•
<i>Urtica dioica</i>	European stinging nettle	High	•	•	•
<i>Vitex rotundifolia</i>	beach vitex	High	•	•	•
<i>Acer platanoides</i>	Norway maple	Medium	•	•	•
<i>Acetosa acetosella</i>	sheep sorrel	Medium	•	•	•
<i>Agrostis capillaris</i>	colonial bent-grass	Medium	•	•	•
<i>Akebia quinata</i>	five-leaf akebia	Medium	•	•	•
<i>Albizia julibrissin</i>	mimosa	Medium	•	•	•
<i>Arthraxon hispidus</i> var. <i>hispidus</i>	joint head grass	Medium	•	•	•
<i>Berberis thunbergii</i>	Japanese barberry	Medium	•	•	•
* <i>Cenchrus purpurascens</i>	fountain grass	Medium	•	•	•
<i>Cirsium vulgare</i>	bull thistle	Medium	•	•	•

* Early detection species



Incised fumewort



Wavyleaf Grass

EARLY DETECTION SPECIES The list includes a subcategory of invasive plants that are considered early detection species. These are species not yet established or, if established, are not yet widespread in Virginia but known to be highly invasive in habitats similar to those found here. If discovered in Virginia, these species need to be quickly mapped, photographed and reported to DCR. The management goal for early detection species is eradication, as preventing the establishment and spread of newly arrived species will save valuable natural and economic resources.

INFORMATION For more information, or to report early detection species, contact DCR Stewardship Biologist Kevin Heffernan at kevin.heffernan@dcr.virginia.gov.

PHOTO CREDITS

Two-horned trapa, Kevin Heffernan, DCR.

Incised fumewort, Gary P. Fleming, DCR.

Wavyleaf grass, Kerrie L. Kyde, Maryland Department of Natural Resources, Bugwood.org.

Scientific Name	Common Name	Virginia Invasiveness Rank	REGION		
			Mountain	Piedmont	Coastal
<i>Clematis terniflora</i>	sweet autumn clematis	Medium	•	•	•
* <i>Corydalis incisa</i>	incised fumewort	Medium	•	•	•
<i>Dipsacus fullonum</i>	wild teasel	Medium	•	•	•
<i>Egeria densa</i>	Brazilian waterweed	Medium	•	•	•
<i>Euonymus fortunei</i>	winter creeper	Medium	•	•	•
<i>Glechoma hederacea</i>	gill-over-the-ground	Medium	•	•	•
<i>Hedera helix</i>	English ivy	Medium	•	•	•
* <i>Heracleum mantegazzianum</i>	giant hogweed	Medium	•	•	•
<i>Holcus lanatus</i>	common velvet grass	Medium	•	•	•
<i>Humulus japonicus</i>	Japanese hops	Medium	•	•	•
* <i>Ipomoea aquatica</i>	water spinach	Medium	•	•	•
<i>Ligustrum obtusifolium var. obtusifolium</i>	border privet	Medium	•	•	•
<i>Lonicera tatarica</i>	tartarian honeysuckle	Medium	•	•	•
<i>Lysimachia nummularia</i>	moneywort	Medium	•	•	•
* <i>Mahonia bealei</i>	leatherleaf mahonia	Medium	•	•	•
<i>Miscanthus sinensis</i>	Chinese silvergrass	Medium	•	•	•
<i>Najas minor</i>	brittle naiad	Medium	•	•	•
<i>Paulownia tomentosa</i>	royal paulowina	Medium	•	•	•
<i>Persicaria longisetata</i>	long-bristled smartweed	Medium	•	•	•
<i>Phyllostachys aurea</i>	golden bamboo	Medium	•	•	•
<i>Poa compressa</i>	flat-stemmed bluegrass	Medium	•	•	•
<i>Poa trivialis ssp. trivialis</i>	rough bluegrass	Medium	•	•	•
<i>Potamogeton crispus</i>	curled pondweed	Medium	•	•	•
<i>Pyrus calleryana</i>	callery pear	Medium	•	•	•
<i>Rhodotypos scandens</i>	jetbead	Medium	•	•	•
* <i>Salvinia molesta</i>	giant salvinia	Medium	•	•	•
* <i>Solanum viarum</i>	tropical soda apple	Medium	•	•	•
<i>Spiraea japonica</i>	Japanese spiraea	Medium	•	•	•
<i>Stellaria media</i>	common chickweed	Medium	•	•	•
<i>Veronica hederifolia</i>	ivy-leaved speedwell	Medium	•	•	•
<i>Viburnum dilatatum</i>	linden arrow-wood	Medium	•	•	•
<i>Wisteria sinensis</i>	Chinese wisteria	Medium	•	•	•
* <i>Buddleja davidii</i>	orange-eye butterfly-bush	Low	•	•	•
<i>Commelina communis</i>	Asiatic dayflower	Low	•	•	•
<i>Elaeagnus pungens</i>	thorny olive	Low	•	•	•
<i>Lespedeza bicolor</i>	shrubby bushclover	Low	•	•	•
<i>Lonicera fragrantissima</i>	winter honeysuckle	Low	•	•	•
<i>Melia azedarach</i>	chinaberry	Low	•	•	•
<i>Morus alba</i>	white mulberry	Low	•	•	•
<i>Nandina domestica</i>	nandina	Low	•	•	•
<i>Perilla frutescens</i>	beefsteak plant	Low	•	•	•
<i>Phleum pratense</i>	timothy	Low	•	•	•
<i>Populus alba</i>	silver poplar	Low	•	•	•
<i>Rumex crispus ssp. crispus</i>	curly dock	Low	•	•	•
<i>Securigera varia</i>	crown-vetch	Low	•	•	•
<i>Trapa natans</i>	European water chestnut	Low	•	•	•
<i>Ulmus pumila</i>	Siberian elm	Low	•	•	•
<i>Vinca major</i>	greater periwinkle	Low	•	•	•
<i>Vinca minor</i>	periwinkle	Low	•	•	•
<i>Wisteria floribunda</i>	Japanese wisteria	Low	•	•	•

* Early detection species