

INVASIVE SPECIES THREAT RANKINGS

1. Highly invasive species exhibit the most invasive tendencies in natural areas and native plant communities. They may disrupt ecosystem processes and cause major alterations in plant community composition and structure. They establish readily in natural systems and spread rapidly.
2. Moderately invasive species may have minor influence on ecosystem processes, alter plant community composition, and affect community structure in at least one layer. They may become dominant in the understory layer without threatening all species found in the community. These species usually require a minor disturbance to become established.
3. Occasionally invasive species generally do not affect ecosystem processes but may alter plant community composition by outcompeting one or more native plant species. They often establish in more disturbed areas. The disturbance may be natural or of human origin, such as icestorm damage, windthrow, or road construction. These species spread slowly or not at all from disturbed sites.

Threat	Scientific Name	Common Name
1	<i>Ailanthus altissima</i>	Tree-of-Heaven
1	<i>Alliaria petiolata</i>	Garlic Mustard
1	<i>Arthraxon hispidus</i>	Small Carpetgrass
1	<i>Berberis thunbergii</i>	Japanese Barberry
1	<i>Celastrus orbiculatus</i>	Roundleaf Bittersweet
1	<i>Centaurea stoebe ssp. micranthos</i>	Spotted Knapweed
1	<i>Dioscorea polystachya</i>	Cinnamon Vine
1	<i>Elaeagnus umbellata var. parvifolia</i>	Autumn Olive
1	<i>Euonymus alatus</i>	Winged Euonymus, Burning Bush
1	<i>Ficaria verna*</i>	Lesser Celandine
1	<i>Hedera helix</i>	English Ivy
1	<i>Hydrilla verticillata</i>	Hydrilla
1	<i>Iris pseudacorus</i>	Yellow Iris
1	<i>Lespedeza cuneata</i>	Sericea Lespedeza
1	<i>Ligustrum vulgare</i>	European Privet
1	<i>Lolium arundinaceum</i>	Tall Fescue
1	<i>Lonicera japonica</i>	Japanese Honeysuckle
1	<i>Lonicera maackii</i>	Amur Honeysuckle
1	<i>Lonicera morrowii</i>	Morrow's Honeysuckle
1	<i>Lythrum salicaria</i>	Purple Loosestrife

* EDRR Species: Early Detection Rapid Response Species. These species have been reported as invasive in surrounding states but have few observations in West Virginia. They may be spreading in West Virginia and their invasive potential means that early detection and swift response to control these species before they spread further could prevent considerable ecological damage.

Threat	Scientific Name	Common Name
1	<i>Microstegium vimineum</i>	Japanese Stiltgrass
1	<i>Myriophyllum aquaticum</i>	Parrot-Feather
1	<i>Myriophyllum spicatum</i>	Eurasian Water-Milfoil
1	<i>Oplismenus undulatifolius</i>*	Wavyleaf Basketgrass
1	<i>Paulownia tomentosa</i>	Princess Tree
1	<i>Persicaria perfoliata</i>	Mile-a-Minute Vine
1	<i>Phalaris arundinacea</i>	Reed Canarygrass
1	<i>Phragmites australis</i>	Common Reed
1	<i>Pueraria montana var. lobata</i>	Kudzu
1	<i>Pyrus calleryana</i>	Callery Pear
1	<i>Reynoutria ×bohemica</i>*	Bohemian Knotweed
1	<i>Reynoutria japonica</i>	Japanese Knotweed
1	<i>Reynoutria sachalinensis</i>*	Giant Knotweed
1	<i>Rosa multiflora</i>	Multiflora Rose
1	<i>Rubus phoenicolasius</i>	Wineberry
1	<i>Sorghum halepense</i>	Johnson Grass
1	<i>Spiraea japonica</i>	Japanese Spiraea
2	<i>Acer platanoides</i>	Norway Maple
2	<i>Acorus calamus</i>	Sweetflag
2	<i>Aegopodium podagraria</i>	Goutweed
2	<i>Agrostis capillaris</i>	Colonial Bentgrass
2	<i>Agrostis stolonifera</i>	Creeping Bentgrass
2	<i>Akebia quinata</i> *	Chocolate Vine
2	<i>Albizia julibrissin</i>	Silktree
2	<i>Ampelopsis brevipedunculata</i> *	Porcelainberry
2	<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass
2	<i>Aralia elata</i> *	Japanese Angelica Tree
2	<i>Arctium minus</i>	Common Burdock
2	<i>Artemisia vulgaris var. vulgaris</i>	Common Mugwort
2	<i>Barbarea vulgaris</i>	Yellow Rocket
2	<i>Bromus commutatus</i>	Meadow Brome
2	<i>Bromus inermis</i>	Smooth Brome
2	<i>Bromus japonicus</i>	Japanese Brome
2	<i>Bromus tectorum</i>	Cheatgrass
2	<i>Buddleja davidii</i>	Butterflybush
2	<i>Carduus nutans</i>	Nodding Thistle
2	<i>Chelidonium majus</i>	Greater Celandine
2	<i>Cirsium arvense</i>	Canada Thistle
2	<i>Cirsium vulgare</i>	Bull Thistle
2	<i>Clematis terniflora</i>	Sweet Autumn Clematis
2	<i>Conium maculatum</i>	Poison-Hemlock

Threat	Scientific Name	Common Name
2	<i>Corydalis incisa</i> *	Incised Fumewort
2	<i>Cynoglossum officinale</i>	Hound's-tongue
2	<i>Dactylis glomerata ssp. glomerata</i>	Orchard Grass
2	<i>Echium vulgare</i>	Viper's Bugloss
2	<i>Euonymus fortunei</i>	Wintercreeper
2	<i>Frangula alnus</i>	Glossy Buckthorn
2	<i>Glechoma hederacea</i>	Ground-Ivy
2	<i>Hemerocallis fulva</i>	Orange Day-Lily
2	<i>Hesperis matronalis</i>	Dame's Rocket
2	<i>Humulus scandens</i>	Hooked Hair Hops, Japanese Hops
2	<i>Lespedeza bicolor</i>	Shrubby Lespedeza
2	<i>Ligustrum obtusifolium</i>	Border Privet
2	<i>Ligustrum sinense</i>	Chinese Privet
2	<i>Lolium pratense</i>	Meadow Fescue
2	<i>Lonicera tatarica</i>	Tartarian Honeysuckle
2	<i>Lysimachia nummularia</i>	Creeping Jenny
2	<i>Miscanthus sinensis</i>	Chinese Silver Grass
2	<i>Morus alba</i>	White Mulberry
2	<i>Najas minor</i>	Brittleleaf Naiad
2	<i>Nasturtium officinale</i>	Watercress
2	<i>Perilla frutescens</i>	Beefsteak Plant
2	<i>Persicaria longiseta</i>	Bristly Lady's-Thumb
2	<i>Phyllostachys aurea</i> *	Golden Bamboo
2	<i>Poa compressa</i>	Canada Bluegrass
2	<i>Poa trivialis</i>	Rough Bluegrass
2	<i>Potamogeton crispus</i>	Curly Pondweed
2	<i>Potentilla indica</i>	Mock Strawberry
2	<i>Ranunculus acris</i>	Tall Buttercup
2	<i>Ranunculus bulbosus</i>	Bulbous Buttercup
2	<i>Ranunculus repens</i>	Creeping Buttercup
2	<i>Rhamnus cathartica</i> *	Common Buckthorn
2	<i>Securigera varia</i>	Crown-Vetch
2	<i>Tussilago farfara</i>	Coltsfoot
2	<i>Ulmus pumila</i>	Dwarf Elm
2	<i>Verbascum thapsus</i>	Common Mullein
2	<i>Vinca minor</i>	Common Periwinkle
2	<i>Wisteria floribunda</i> *	Japanese Wisteria
2	<i>Wisteria sinensis</i> *	Chinese Wisteria
3	<i>Acetosa acetosella</i>	Sheep Sorrel
3	<i>Achyranthes japonica var. hachijoensis</i>	Japanese Chaff-flower
3	<i>Aesculus hippocastanum</i>	Horsechestnut

Threat	Scientific Name	Common Name
3	<i>Agrostis gigantea</i>	Giant Bentgrass, Redtop
3	<i>Allium vineale</i> var. <i>vineale</i>	Wild Garlic
3	<i>Alnus glutinosa</i>	Black Alder
3	<i>Arundo donax</i>	Giant Reed
3	<i>Berberis vulgaris</i>	European Barberry
3	<i>Bromus secalinus</i>	Rye Brome
3	<i>Bromus sterilis</i>	Poverty Brome
3	<i>Broussonetia papyrifera</i>	Paper Mulberry
3	<i>Cardamine impatiens</i>	Bittercress
3	<i>Carduus acanthoides</i>	Plumeless Thistle
3	<i>Cenchrus purpurascens</i> *	Foxtail Fountaingrass
3	<i>Centaurea jacea</i>	Brown Knapweed
3	<i>Centaurea nigra</i>	Black Knapweed
3	<i>Centaurea nigrescens</i>	Alpine Knapweed
3	<i>Cichorium intybus</i>	Chicory
3	<i>Citrus trifoliata</i> *	Trifoliolate Orange
3	<i>Commelina communis</i>	Common Dayflower
3	<i>Convolvulus arvensis</i>	Field Bindweed
3	<i>Datura stramonium</i>	Jimsonweed
3	<i>Daucus carota</i>	Queen-Anne's-Lace
3	<i>Dianthus armeria</i>	Deptford-Pink
3	<i>Dipsacus fullonum</i>	Common Teasel
3	<i>Dipsacus laciniatus</i>	Cutleaf Teasel
3	<i>Eichhornia crassipes</i> *	Water Hyacinth
3	<i>Elaeagnus angustifolia</i>	Russian Olive
3	<i>Eleusine indica</i>	Goose Grass
3	<i>Elymus repens</i>	Quackgrass
3	<i>Epilobium hirsutum</i>	Hairy Willowherb
3	<i>Epipactis helleborine</i> *	Broad-leaved Helleborine
3	<i>Eragrostis cilianensis</i>	Stinkgrass
3	<i>Eragrostis curvula</i>	Weeping Lovegrass
3	<i>Euphorbia lathyris</i>	Mole Plant
3	<i>Fallopia convolvulus</i>	Black Bindweed
3	<i>Fatoua villosa</i>	Mulberryweed
3	<i>Galium mollugo</i>	Smooth Bedstraw
3	<i>Galium pedemontanum</i>	Piedmont Bedstraw
3	<i>Hemerocallis lilioasphodelus</i>	Yellow Day-Lily
3	<i>Hibiscus syriacus</i>	Rose-Of-Sharon, Shrubby Althea
3	<i>Holcus lanatus</i>	Velvetgrass
3	<i>Houttuynia cordata</i> *	Fishmint
3	<i>Hypericum perforatum</i>	Common St. John's-Wort

Threat	Scientific Name	Common Name
3	<i>Hypochaeris radicata</i>	Hairy Cat's-Ear
3	<i>Ipomoea hederacea</i>	Ivyleaf Morning-Glory
3	<i>Ipomoea purpurea</i>	Morning-Glory
3	<i>Koelreuteria paniculata</i> *	Golden Rain Tree
3	<i>Kummerowia stipulacea</i>	Korean Bushclover
3	<i>Kummerowia striata</i>	Japanese-Clover
3	<i>Lactuca saligna</i>	Willow Lettuce
3	<i>Lamium amplexicaule</i>	Henbit
3	<i>Lamium galeobdolon</i> *	Golden Dead-Nettle
3	<i>Lamium purpureum</i> var. <i>purpureum</i>	Purple Dead-Nettle
3	<i>Lathyrus latifolius</i>	Everlasting Pea
3	<i>Leucanthemum vulgare</i>	Oxeye Daisy
3	<i>Linaria vulgaris</i>	Butter-And-Eggs
3	<i>Lolium perenne</i>	Perennial Ryegrass
3	<i>Lotus corniculatus</i>	Birdsfoot Trefoil
3	<i>Mahonia bealei</i> *	Leatherleaf Mahonia
3	<i>Medicago lupulina</i>	Black Medic
3	<i>Melilotus officinalis</i>	Yellow Sweetclover
3	<i>Mentha ×piperita</i>	Peppermint
3	<i>Mentha spicata</i>	Spearmint
3	<i>Myosotis scorpioides</i>	True Forget-me-not
3	<i>Nandina domestica</i> *	Heavenly Bamboo
3	<i>Nepeta cataria</i>	Catnip
3	<i>Noccaea perfoliata</i>	Perfoliate Pennycress
3	<i>Oenanthe javanica</i>	Water Celery
3	<i>Ornithogalum nutans</i>	Drooping Star of Bethlehem
3	<i>Ornithogalum umbellatum</i>	Star of Bethlehem
3	<i>Oxalis corniculata</i>	Creeping Lady's-Sorrel
3	<i>Oxalis stricta</i>	Common Yellow Woodsorrel
3	<i>Pachysandra terminalis</i>	Pachysandra
3	<i>Pastinaca sativa</i>	Parsnip
3	<i>Persicaria maculosa</i>	Lady's-Thumb
3	<i>Persicaria orientalis</i>	Prince's Feather
3	<i>Phellodendron amurense</i> *	Amur Corktree
3	<i>Phleum pratense</i>	Timothy
3	<i>Phyllostachys aureosulcata</i>	Yellowgroove Bamboo
3	<i>Picea abies</i>	Norway Spruce
3	<i>Pilosella aurantiaca</i>	Devil's Paintbrush
3	<i>Pilosella caespitosa</i>	Yellow Hawkweed
3	<i>Pilosella officinarum</i>	Mouse-ear Hawkweed
3	<i>Poa annua</i>	Annual Bluegrass

Threat	Scientific Name	Common Name
3	<i>Poa bulbosa</i>	Bulbous Bluegrass
3	<i>Poa pratensis ssp. pratensis</i>	Kentucky Bluegrass
3	<i>Populus alba</i>	White Poplar
3	<i>Potentilla recta</i>	Sulphur Cinquefoil
3	<i>Prunella vulgaris var. vulgaris</i>	Eurasian Self-Heal
3	<i>Prunus avium</i>	Sweet Cherry
3	<i>Rhodotypos scandens</i>	Jetbead
3	<i>Rorippa sylvestris</i>	Creeping Yellow Cress
3	<i>Rosa canina</i>	Dog Rose
3	<i>Rubus laciniatus</i>	Cutleaf Blackberry
3	<i>Rumex crispus ssp. crispus</i>	Curly Dock
3	<i>Salix alba</i>	White Willow
3	<i>Saponaria officinalis</i>	Bouncing-Bet
3	<i>Sarracenia purpurea var. purpurea</i>	Northern Purple Pitcherplant
3	<i>Setaria faberi</i>	Giant Foxtail-Grass
3	<i>Setaria pumila</i>	Yellow Foxtail
3	<i>Setaria viridis var. viridis</i>	Green Foxtail
3	<i>Silene latifolia</i>	White Campion
3	<i>Solanum dulcamara</i>	Bittersweet
3	<i>Sonchus arvensis</i>	Perennial Sowthistle
3	<i>Sonchus asper</i>	Spiny Sowthistle
3	<i>Sonchus oleraceus</i>	Common Sowthistle
3	<i>Stellaria aquatica</i>	Giant Chickweed
3	<i>Stellaria graminea</i>	Lesser Stitchwort
3	<i>Stellaria media ssp. media</i>	Common Chickweed
3	<i>Stellaria pallida</i>	Lesser Chickweed
3	<i>Symphytum officinale</i>	Common Comfrey
3	<i>Trapa natans*</i>	Water Chestnut
3	<i>Trifolium campestre</i>	Hop Clover
3	<i>Trifolium repens</i>	White Clover
3	<i>Typha xglauca</i>	Hybrid Cattail
3	<i>Urtica dioica ssp. dioica</i>	Stinging Nettle
3	<i>Veronica hederifolia</i>	Ivyleaf Speedwell
3	<i>Viburnum opulus*</i>	Guelder-Rose
3	<i>Viburnum plicatum*</i>	Doublefile Viburnum
3	<i>Viburnum sieboldii*</i>	Siebold's Viburnum
3	<i>Vicia cracca ssp. cracca</i>	Bird Vetch
3	<i>Vinca major</i>	Greater Periwinkle