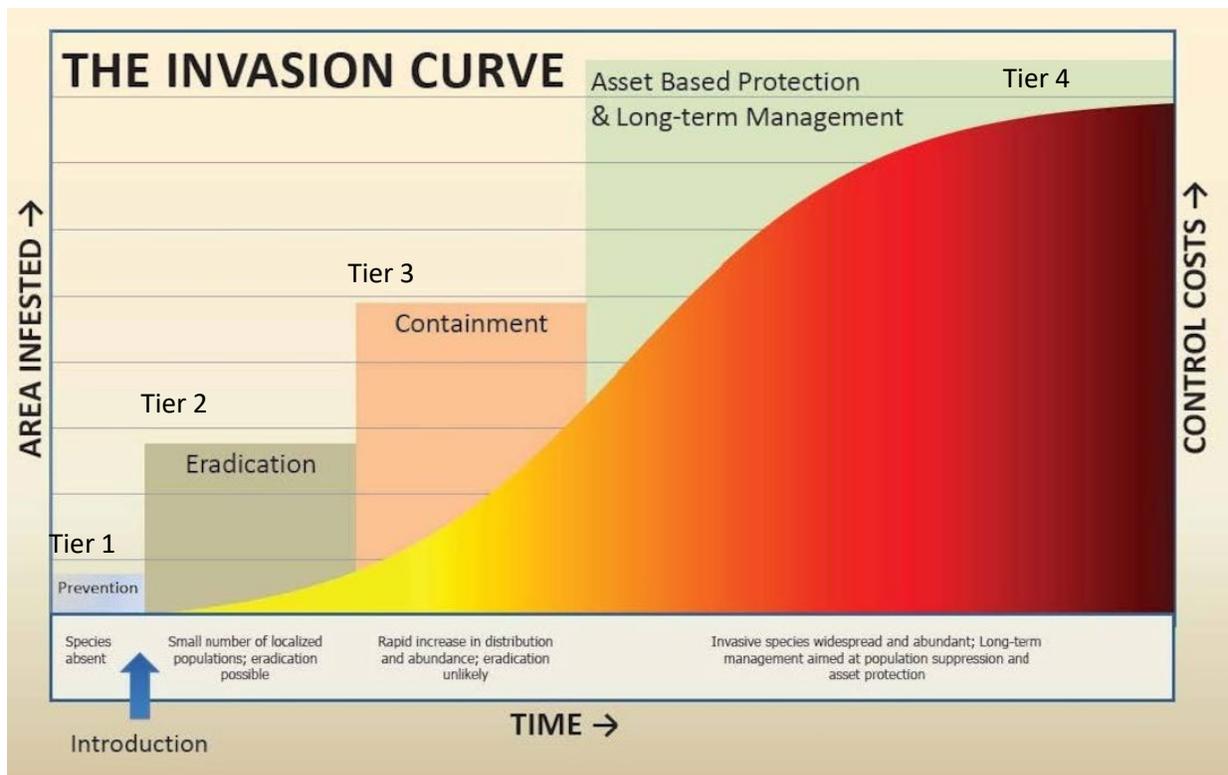




Capital Region PRISM Tier List for Ranking Invasive Species 2022

The PRISM has categorized invasive species based on known populations into a tier ranking system. The purpose of the tier system is to focus attention on high threat species that are not found in our region or are appearing in small populations that are manageable with limited resources. Preventing the introduction of new species is the most cost effective strategy in controlling invasive species. Early identification and rapid response to new infestations that are found in small populations can result in successful eradication. When an invasive species is found regionally over a widespread area the cost to control populations can become prohibitive.

The Invasion Curve below demonstrates that prevention is the most efficient and cost-effective method of controlling invasive species. As invasive species becomes more established over time, the effort and associated costs of addressing infestations increases significantly. The PRISM has delineated populations into a Tier System that follows the invasion curve.



(Photo by: USDA Forest Service 2005 Invasive Plant Environmental Impact Statement) VIRIN: 140305-A-CE999-053.JPG



Capital Region PRISM: Regional Invasive Species Tier List Defined and Ranked (March 2020 Last Revision)

Tier 1 - Prevention / Early Detection

Not in yet PRISM, with anticipated high or very high impacts. Highest level of survey efforts. Should conduct delineation surveys and assign to appropriate Tier if detected.

Tier 1a: Species not in the PRISM, but in the buffer (surrounding PRISM)

Tier 1b: Species not in PRISM or the buffer, but in Eastern North America (with potential for establishment)

Tier 1c: Species far outside PRISM and buffer (not in east NA), but introduction pathway exists

Tier 2 – Eradication / Full Containment may be Feasible

High and very high impact species with low enough abundance to make eradication feasible within the PRISM. Highest level of response efforts. Need delineation surveys to determine full extent.

(at the low end of invasion curve)

Tier 3 – Containment / Strategic Management

High and very high impact species that are likely too widespread for eradication, but low enough abundance to think about regional containment. Target strategic management to slow the spread since many surrounding regions could be at risk if left unattended.

Tier 4 – Local Control / Exclusion or Suppression

Well-established species with high and very high impacts. Eradication efforts not feasible; only localized management over time to contain, exclude, or suppress, if justified to meet local management goals. (Suppression efforts) *Subcategory: Not established outside of PRISM, manage to contain within PRISM.

Tier 5 - Research:

Tier 5a: Species in our PRISM that need more research, mapping, and monitoring to understand invasiveness and impacts.

Tier 5b: Species surrounding our PRISM that need more research, mapping, and monitoring to understand invasiveness and impacts.



New York State Natural Heritage Program Invasive Species Tier List

Invasive Species Tiers
Standardized species lists for each PRISM

		Difficulty of Eradication / Cost of Control Abundance (In PRISM plus Buffer)			
		None in PRISM	Low (Eradication/ Full containment may be feasible)	Medium (Strategic management to contain infestations and slow spread in PRISM)	High (Established/widespread in PRISM; only strategic localized management)
Impact (current and future)	Very High or High	TIER 1 <i>Early Detection/Prevention</i> Highest level of early detection survey efforts. Should conduct delineation surveys and assign to appropriate Tier if detected. a) Inside buffer, but not in PRISM b) Outside PRISM and Buffer, but close (eastern North America) c) Far outside PRISM and buffer (not in east NA), but introduction pathway exists	TIER 2 <i>Eradication</i> Highest level of early detection response efforts. High impact species with low enough abundance and suitable treatment method available to make eradication feasible within the PRISM. Need delineation surveys to determine extent.	TIER 3 <i>Containment</i> Target strategic management to slow the spread, as likely too widespread for eradication, but many surrounding regions could be at risk if left unattended. For plants, use the IPMDAT. Possible eradication candidate only if adequate resources and effective control methods available.	TIER 4 <i>Local Control</i> Eradication from PRISM not feasible; focus on localized management over time to contain, exclude, or suppress to protect high-priority resources like rare species or recreation assets. Be strategic when deciding if / where to control.
	Medium	<i>Evaluate (Medium Impact)</i> Further evaluate impacts and PRISM resources to see if the species should be assigned to one of the other lists. If this species could feasibly become high impact with climatic or other environmental changes, consider moving to the appropriate High Impact row based on abundance. If too little is known, consider moving to "Monitor".			
	Unknown	X	TIER 5 <i>Monitor</i> Species that need more research, mapping, and monitoring to understand their invasiveness. This includes naturalized species and cultivated-only species that are known to be invasive in other regions but are not yet invasive here. Invasiveness may change with environmental or genetic changes. Should monitor populations on a regular basis to see if they are starting to become invasive and assign to appropriate Tier if invasive infestations detected.		

Buffer: An area chosen by the PRISM that surrounds the PRISM and takes in certain counties, states and provinces. Most PRISMs are using about 100 miles as the buffer.

Impact: Use the PRISM-specific invasiveness rankings if available, or use NYS ranks (see nyis.info for existing ranks). For species that are not ranked yet, or PRISM-specific adjustments of state ranks are deemed necessary, use expert opinion and document justification. Low-impact species not included since cannot justify spending resources to control these.

Abundance: This is left as a qualitative metric, since assigning standardized values to categories is not feasible due to the diversity of species dispersal strategies and data gaps.

This ranking system takes into account populations that have escaped into natural areas, but not intentionally (and legally) distributed individuals. For example, a landscape planting would not be counted.

The Capital Region tier list is not comprehensive. The tier list focuses on invasive species found within or near a PRISM that have a high or very high invasiveness ranking or are found to act aggressively enough in our region to be on the tier list. This is only a subset of all invasive species and does not include all regulated and prohibited species. For a full list of NYS prohibited and regulated species as per NYCRR Part 575, please visit [here](#). For a full list of Invasive Threat Rankings of Non-Native Plant and Animal Assessments visit the New York Invasive Species Information website [here](#).

The New York State Natural Heritage Program has a comprehensive state-wide tier list. To view that page click [here](#). On an annual basis the CR-PRISM does reevaluate and update the tier list for the Capital Region.

Aquatic Invasive Plant Species

Scientific name	Common name	Prohibited/ Regulated	Threat	2021 Tier Rank
<i>Cabomba caroliniana</i>	Carolina fanwort	Prohibited	H	1a
<i>Ludwigia peploides ssp glabrescens</i>	Floating primrose willow	Prohibited	VH	1a
<i>Hydrilla verticillata</i>	Hydrilla	Prohibited	VH	1a
<i>Nasturtium microphyllum</i>	Onerow yellowcress			1a
<i>Myriophyllum aquaticum</i>	Parrot feather	Prohibited	H	1a
<i>Nelumbo nucifera</i>	Pink lotus, Sacred lotus		M	1a
<i>Ludwigia grandiflora</i>	Uruguayan primrose willow	Prohibited	VH	1a
<i>Eichhornia crassipes</i>	Water hyacinth		NA	1a
<i>Pistia stratiotes</i>	Water lettuce		NA	1a
<i>Aldrovanda vesiculosa</i>	Waterwheel plant			1a
<i>Salvinia molesta</i>	Giant salvinia		NA	1b
<i>Glyceria maxima</i>	Reed mannagrass, Tall mannagrass	Prohibited	H	1b
<i>Stratiotes aloides</i>	Water soldier		NA	1b
<i>Salvinia minima</i>	Water spangles, Common salvinia			1b
<i>Lagarosiphon major</i>	African elodea, oxygen weed			1c
<i>Crassula helmsii</i>	Australian swamp stonecrop			1c
<i>Nymphoides cristata (Roxb.) Kuntze</i>	Crested floating-heart			1c
<i>Hygrophila polysperma</i>	Indian swampweed			1c
<i>Egeria densa</i>	Brazilian waterweed	Prohibited	H	2
<i>Hydrocharis morsusranae</i>	Common frogbit	Prohibited	VH	2
<i>Nitellopsis obtusa</i>	Starry stonewort			2
<i>Myriophyllum heterophyllum</i>	Variable-leaf watermilfoil, Broadleaf watermilfoil	Prohibited	VH	2
<i>Butomus umbellatus</i>	Flowering rush		M	3
<i>Nymphoides peltata</i>	Yellow floating-heart	Prohibited	H	3
<i>Nasturtium officinale</i>	Watercress		M	3
<i>Najas minor</i>	Brittle naiad			4
<i>Phragmites australis</i>	Common reed	Prohibited	VH	4
<i>Potamogeton crispus</i>	Curly-leaf pondweed	Prohibited	H	4
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil	Prohibited	VH	4
<i>Lythrum salicaria</i>	Purple loosestrife	Prohibited	VH	4
<i>Trapa natans</i>	Water chestnut	Prohibited	VH	4
<i>Iris pseudacorus</i>	Yellow iris	Prohibited	H	4
<i>Alternanthera philoxeroides</i>	Alligatorweed			5b
<i>Marsilea quadrifolia</i>	European water fern		U	5b

Aquatic Invasive Animal Species

Scientific name	Common name	Prohibited/ Regulated	Threat	2021 Tier Rank
<i>Rhodeus sericeus</i>	Bitterling			1a
<i>Gambusia holbrooki</i>	Eastern mosquitofish	Prohibited	VH	1a
<i>Valvata piscinalis</i>	European stream valvata			1a
<i>Cercopagis pengoi</i>	Fishhook waterflea	Prohibited	VH	1a
<i>Pylodictis olivaris</i>	Flathead catfish			1a
<i>Poecilia reticulata</i>	Guppy			1a
<i>Oreochromis mossambicus</i>	Mozambique tilapia			1a
<i>Potamopyrgus antipodarum</i>	New Zealand mudsnail	Prohibited	H	1a
<i>Channa argus</i>	Northern snakehead	Prohibited	H	1a
<i>Procambarus clarkii</i>	Red swamp crayfish			1a
<i>Lepomis microlophus</i>	Redear sunfish			1a
<i>Melanoides tuberculata</i>	Red-rim melania			1a
<i>Tinca tinca</i>	Tench	Prohibited	H	1a
<i>Hypophthalmichthys molitrix</i>	Silver carp	Prohibited	H	1b
<i>Mytilopsis leucophaeata</i>	Dark false mussel, Conrad's false mussel, Brackish water muscle			1c
<i>Limnoperna fortunei</i>	Golden mussel			1c
<i>Dikerogammarus villosus</i>	Killer shrimp			1c
<i>Procambarus virginalis</i>	Marbled crayfish			1c
<i>Orconectes limosus</i>	Spinycheek crayfish			1c
<i>Crassostrea ariakensis</i>	Suminoe oyster		H	1c
<i>Alosa pseudoharengus</i>	Alewife		M	2
<i>Dreissena bugensis</i>	Quagga mussel		VH	2
<i>Neogobius melanostomus</i>	Round goby	Prohibited	H	2
<i>Petromyzon marinus</i>	Sea lamprey		M	2
<i>Bythotrephes longimanus</i>	Spiny waterflea	Prohibited	VH	2
<i>Morone americana</i>	White perch			2
<i>Corbicula fluminea</i>	Asian clam	Prohibited	H	3
<i>Viviparus georgianus</i>	Banded mysterysnail			3
<i>Hemimysis anomala</i>	Bloody red shrimp	Prohibited	H	3
<i>Eriocheir sinensis</i>	Chinese mitten crab	Prohibited	M	3
<i>Cipangopaludina chinensis</i>	Chinese mysterysnail	Prohibited	VH	3
<i>Didymosphenia geminata</i>	Didymo			3
<i>Bithynia tentaculata</i>	Faucet snail, Mud bithynia	Prohibited	VH	3
<i>Lepomis cyanellus</i>	Green sunfish			3
<i>Misgurnus anguillicaudatus</i>	Oriental weatherfish	Prohibited	VH	3
<i>Trachemys scripta elegans</i>	Red-eared slider	Regulated	M	3
<i>Ctenopharygodon Idella</i>	Grass carp		M	3
<i>Cyprinus carpio</i>	Common carp	Prohibited	VH	4
<i>Carassius auratus</i>	Goldfish	Prohibited	VH	4

Scientific name	Common name	Prohibited/ Regulated	Threat	2021 Tier Rank
<i>Scardinius erythrophthalmus</i>	Rudd	Prohibited	M	4
<i>Orconectes rusticus</i>	Rusty crayfish	Prohibited	H	4
<i>Dreissena polymorpha</i>	Zebra mussel	Prohibited	VH	4
<i>Orconectes virilis</i>	Virile crayfish			5a
<i>Gambusia affinis</i>	Western mosquitofish	Prohibited	VH	5a
<i>Piaractus brachypomus</i>	Pacu		U	5a
<i>Proterorhinus semilunaris</i>	Tube-nose goby	Prohibited	M	5b
<i>Cipangopaludina japonica</i>	Japanese mysterysnail	Prohibited	M	5b
<i>Etheostoma caeruleum</i>	Rainbow darter			5b
<i>Hypophthalmichthys nobilis</i>	Bighead carp	Prohibited	M	5b
<i>Mylopharyngodon piceus</i>	Black carp	Prohibited	M	5b

Terrestrial Invasive Plant Species:

<i>Scientific Name</i>	<i>Common Name</i>	<i>Regulated/Prohibited</i>	<i>Threat</i>	<i>2020 Tier</i>
<i>Acer pseudoplatanus</i>	Sycamore Maple	Prohibited	H	1a
<i>Actinidia arguta</i>	Hardy Kiwi; Taravine			1a
<i>Actinidia polygama</i>	Silver Vine			1a
<i>Akebia quinata</i>	Chocolate Vine; Fiveleaf		M	1a
<i>Arum italicum</i>	Italian Arum			1a
<i>Brachypodium sylvaticum ssp sylvaticum</i>	Slender Falsebrome	Prohibited	VH	1a
<i>Broussonetia papyrifera</i>	Paper-mulberry			1a
<i>Carum carvi</i>	Common Caraway			1a
<i>Clematis terniflora</i>	Japanese Virgin's-bower, Sweet Autumn Clematis, Yam-leaf clematis, Japanese virgin's bower	Regulated	H	1a
<i>Cytisus scoparius</i>	Scotch Broom			1a
<i>Deutzia scabra</i>	Fuzzy Deutzia; Pride-of-Rochester			1a
<i>Eragrostis curvula</i>	Weeping Lovegrass		M	1a
<i>Euphorbia virgata</i>	Slender Leafy Spurge			1a
<i>Heracleum mantegazzianum</i>	Giant Hogweed	Prohibited	VH	1a
<i>Kalopanax septemlobus</i>	Castor-Aralia			1a
<i>Koelreuteria paniculata</i>	Golden-rain Tree			1a
<i>Lepidium latifolium</i>	Perennial Pepperweed; Broadleaf pepperweed	Prohibited	H	1a
<i>Lespedeza cuneata</i>	Asian Bush Clover; Chinese Lespedeza; Chinese Bushclover; Sericea Lespedeza		H	1a
<i>Macleaya cordata</i>	Plume Poppy			1a
<i>Ornithogalum nutans</i>	Drooping Star-of-Bethlehem; Star-of-Bethlehem			1a
<i>Perilla frutescens</i>	Beefsteak Plant			1a
<i>Photinia villosa</i>	Oriental Redtip			1a
<i>Phyllostachys spp.</i>	Bamboo	Prohibited		1a
<i>Primula japonica</i>	Japanese primrose			1a
<i>Rubus caesius</i>	European Dewberry			1a
<i>Rubus laciniatus</i>	Cutleaf Blackberry		M	1a
<i>Saccharum ravennae</i>	Ravenna Grass			1a
<i>Salix atrocinerea</i>	Gray Florists Willow	Prohibited	VH	1a

<i>Salvia glutinosa</i>	Sticky Sage			1a
<i>Symplocos paniculata</i>	Sapphireberry			1a
<i>Viburnum dilatatum</i>	Linden Arrow-wood		M	1a
	Beech Leaf Disease***			1a
<i>Oplismenus hirtellus</i>	Wavyleaf Basketgrass	Prohibited	H	1b
<i>Acer palmatum</i>	Japanese Maple		M	2
<i>Anthriscus sylvestris</i>	Wild Chervil	Prohibited	H	2
<i>Aralia elata</i>	Japanese Angelica Tree	Prohibited	VH	2
<i>Arthraxon hispidus</i>	Small Carpetgrass; Joint-head Arthraxon	Prohibited	H	2
<i>Eleutherococcus pentaphyllus</i>	Five-leaf Aralia			2
<i>Euonymus fortunei</i>	Winter Creeper, Climbing Euonymus, Wintercreeper	Regulated	H	2
<i>Euphorbia esula</i>	Leafy Spurge, Wolf's Milk	Prohibited	H	2
<i>Impatiens glandulifera</i>	Policemen's Helmet, Ornamental Jewelweed, Himalayan Balsam, Purple Jewelweed			2
<i>Lamium aurantiacum</i>	Yellow Arch-angel			2
<i>Lespedeza bicolor</i>	Shrubby Lespedeza; Shrubby Bush Clover		M	2
<i>Lysimachia vulgaris</i>	Garden Loosestrife, Yellow Garden Loosestrife	Prohibited	H	2
<i>Malus toringo</i>	Toringo crabapple			2
<i>Miscanthus sinensis</i>	Chinese Silver Grass; Eulalia; Chinese Silvergrass; Maiden Grass	Regulated	H	2
<i>Persicaria perfoliata</i>	Mile-a-minute Weed, Mile-a-minute Vine, Asiatic Tearthumb, Mile a minute weed	Prohibited	VH	2
<i>Phellodendron amurense</i>	Amur Corktree	Prohibited	H	2
<i>Polygonum nepalensis</i>	Nepal Smartweed			2
<i>Pueraria montana var lobata</i>	Kudzu, Japanese arrowroot	Prohibited	VH	2
<i>Pyrus calleryana, Callery Pear</i>	Bradford Pear		M	2
<i>Reynoutria sachalinensis: Fallopia sachalinensis</i>	Giant Knotweed	Prohibited	VH	2
<i>Rhodotypos scandens</i>	Black Jetbead		M	2
<i>Salix cinerea</i>	European Gray Willow; Gray Florist's Willow		VH	2
<i>Silphium perfoliatum var perfoliatum</i>	Cup-plant, Indian Cup-plant, Cup plant	Prohibited	H	2

<i>Spiraea japonica</i>	Japanese Spiraea, Japanese Meadowsweet		U	2
<i>Syringa reticulata</i>	Japanese-Tree Lilac		U	2
<i>Typha x glauca</i>	Blue Cat-tail, Hybrid Cat-tail			2
<i>Viburnum plicatum</i>	Japanese Snowball			2
<i>Viburnum sieboldii</i>	Siebold's Viburnum		M	2
<i>Wisteria spp</i>	Wisteria		M	2
<i>Ampelopsis brevipedunculata</i>	Porcelain Berry; Amur Peppervine	Prohibited	H	3
<i>Cardamine impatiens</i>	Narrowleaf Bittercress, Bushy Rock-cress	Prohibited	H	3
<i>Dipsacus fullonum</i>	Wild Teasel; Fuller s Teasel			3
<i>Ficaria verna ssp verna</i>	Lesser celandine, Fig Buttercup	Prohibited	VH	3
<i>Frangula alnus</i>	Glossy Buckthorn		H	3
<i>Humulus japonicas</i>	Japanese Hops	Prohibited	H	3
<i>Ligustrum spp</i>	Privet	Prohibited		3
<i>Lonicera japonica</i>	Japanese Honeysuckle	Prohibited	VH	3
<i>Lonicera maackii</i>	Amur Honeysuckle	Prohibited	VH	3
<i>Lychnis flosculi</i>	Ragged Robin			3
<i>Microstegium vimineum</i>	Japanese Stiltgrass, Nepalese Browntop, Japanese stilt grass, Nepalgrass	Prohibited	VH	3
<i>Pachysandra terminalis</i>	Japanese-spurge			3
<i>Rubus phoenicolasius</i>	Wineberry	Prohibited	VH	3
<i>Acer platanoides</i>	Norway Maple	Regulated	VH	4
<i>Aegopodium podagraria</i>	Bishop's Goutweed; Goutweed		M	4
<i>Ailanthus altissima</i>	Tree-of-heaven; Chinese Sumac; Ailanthus		M	4
<i>Alliaria petiolata, Garlic Mustard</i>	Garlic Mustard	Prohibited	VH	4
<i>Alnus glutinosa</i>	European Alder, Black Alder		M	4
<i>Artemisia vulgaris var vulgaris</i>	Mugwort	Prohibited	H	4
<i>Berberis thunbergii</i>	Japanese Barberry	Prohibited	VH	4
<i>Celastrus orbiculatus</i>	Oriental Bittersweet	Prohibited	VH	4
<i>Centaurea spp.</i>	Brown Starthistle, Brown knapweed	Prohibited	M	4
<i>Cirsium arvense</i>	Canada Thistle, Creeping Thistle	Prohibited	H	4

<i>Dipsacus laciniatus</i>	Cut-leaved teasel; Cutleaf teasel	Prohibited	H	4
<i>Elaeagnus umbellata</i>	Autumn Olive	Prohibited	VH	4
<i>Euonymus alatus</i>	Burning Bush, Winged Euonymus, Winged Burning Bush, Winged Spindletree	Regulated	VH	4
<i>Euphorbia cyparissias</i>	Cypress Spurge	Prohibited	H	4
<i>Glechoma hederacea</i>	Ground Ivy; Gill-over-the-ground			4
<i>Lonicera spp</i>	Bush Honeysuckle		VH	4
<i>Lythrum salicaria</i>	Purple Loosestrife	Prohibited	VH	4
<i>Morus alba</i>	White Mulberry		M	4
<i>Pastinaca sativa</i>	Wild Parsnip			4
<i>Phalaris arundinacea</i>	Reed Canarygrass		H	4
<i>Phragmites australis ssp australis</i>	Common Reed, phragmites, Common reed grass	Prohibited	VH	4
<i>Reynoutria spp</i>	Knotweed	Prohibited	VH	4
<i>Rhamnus cathartica</i>	Common Buckthorn	Prohibited	VH	4
<i>Robinia pseudoacacia</i>	Black Locust	Regulated	VH	4
<i>Rosa multiflora</i>	Multiflora Rose; Rambler Rose	Prohibited	VH	4
<i>Ulmus pumila</i>	Siberian Elm		M	4
<i>Vincetoxicum spp</i>	Swallowwort	Prohibited	VH	4
<i>Commelina communis</i>	Asiatic Dayflower			5a
<i>Daphne mezereum</i>	February Daphne			5a
<i>Epilobium hirsutum</i>	Hairy Willow Herb		M	5a
<i>Hedera helix</i>	English Ivy		M	5a
<i>Lupinus polyphyllus</i>	Bigleaf Lupine			5a
<i>Malus baccata</i>	Siberian Crabapple, Crabapple			5a
<i>Populus alba</i>	White Poplar		M	5a
<i>Salvia relfexa</i>	Lanceleaf Sage			5a
<i>Viburnum lantana</i>	Wayfaring-tree		M	5a
<i>Viburnum opulus var opulus</i>	Guelder Rose; European Cranberrybush		M	5a
<i>Carlina vulgaris</i>	Carline Thistle			5b
<i>Dioscorea polystachya</i>	Chinese Yam	Prohibited	H	5b
<i>Fallopia baldschuanica</i>	China Fleece Vine		M	5b
<i>Sorghum halepense</i>	Johnsongrass			5b

Terrestrial Invasive Animal Species:

Scientific Name	Common Name	Regulated/Prohibited	Threat	2020 Tier
<i>Anoplophora glabripennis</i>	Asian Longhorned Beetle	Prohibited	H	1a
<i>Dendroctonus frontalis</i>	Southern Pine Beetle			1a
<i>Lycorma delicatula</i>	Spotted Lanternfly			1a
<i>Myrmica rubra,</i>	European fire Ant			1a
	Beech Leaf Disease***			1a
<i>Lymantria dispar asiatica</i>	Asian Gypsy Moth	Prohibited	H	1b
<i>Myocastor coypus</i>	Nutria	Prohibited	VH	1b
<i>Sus scrofa</i>	Eurasian Boar	Prohibited	VH	1b
<i>Ceratocystis fagacearum</i>	Oak Wilt			2
<i>Adelges tsugae</i>	Hemlock Woolly Adelgid	Prohibited	H	3
<i>Amyntas agrestis</i>	Crazy Snake Worm	Prohibited	H	3
<i>Agilus planipennis</i>	Emerald Ash Borer	Prohibited	VH	4
<i>Adelges piceae</i>	Balsam Woolly Adelgid			5a
<i>Amyntas Metaphire spp</i>	Jumping Worms	Prohibited	H	5a
<i>Fiorinia externa</i>	Elongate Hemlock Scale			5a
<i>Lymantria dispar</i>	Gypsy Moth	Prohibited	H	5a
<i>Phytomyza gymnostoma</i>	Allium Leaf Miner			5a
<i>Popillia japonica</i>	Japanese Beetle			5a
<i>Pyrrhalta viburni</i>	Viburnum Leaf Beetle			5a
<i>Lipoptena cervi</i>	Deer ked			5b