



Capital Region PRISM Terrestrial High Priority Invasive Species List

For more information including resources for identification, visit www.capitalregionprism.org

To report these species, visit www.nyimainvasives.org

Purpose: The Capital Region Partnership for Regional Invasive Species Management (CR-PRISM) created this list of species to identify the highest priority invasive species for monitoring, detection, and response efforts within the Capital Region. This list also fulfills Objective 2.4: *Anticipate new introductions and reassess current species of concern through event horizon scanning* within “Goal 2: Prevent” in the [CR-PRISM 2023-2027 Five-Year Strategic Plan](#). All the species contained on this list are high or very high threat and many are prohibited within the state of New York by the NYS Department of Environmental Conservation. This list will be shared with the Partnership to incorporate into their education and outreach, monitoring, detection, and response efforts.

These species were selected by the CR-PRISM staff through reviewing the CR-PRISM Tier List, ecological threat rankings and regulatory status of each of these species. In addition, event horizon scanning techniques were used including reviewing tier rankings on neighboring PRISM tier lists, the [NYNHP Statewide Tier List](#) and observing proximity of species to the CR-PRISM region for each species were taken into consideration.

Tier 2 High Priority Invasive Species- species with few known populations in the Capital Region PRISM

Common Name	Scientific Name	Growth Form	Ecological Threat	Socio-economic Threat	Regulatory Status
Amur corktree	<i>Phellodendron amurense</i>	Tree	High	Not assessed	Prohibited
Asian bushclover	<i>Lespedeza cuneata</i>	Shrub	High	Not assessed	Prohibited
Cup-plant	<i>Silphium perfoliatum var perfoliatum</i>	Forb	High	Not assessed	Prohibited
Giant hogweed	<i>Heracleum mantegazzianum</i>	Forb	High	Not assessed	Prohibited
Japanese angelica tree	<i>Aralia elata</i>	Tree	Very High	Equal outcome	Prohibited
Mile-a-minute	<i>Persicaria perfoliata</i>	Vine	Very High	Significant negative	Prohibited
Small carpetgrass	<i>Arthraxon hispidus</i>	Grass	High	Not assessed	Prohibited
Beautybush	<i>Kolwitzia amabilis</i>	Shrub	High	Equal outcome	
Castor-aralia	<i>Kalopanax septemlobus</i>	Tree	High	Insignificant Positive	
Chinese millet grass	<i>Pennisetum alopecuroides</i>	Grass	High	Equal outcome	
Japanese primrose	<i>Primula japonica</i>	Forb	High	Insignificant negative	
Spring fumewort	<i>Corydalis solida</i>	Forb	High	Equal outcome	





Tier 1 High Priority Invasive Species- species not yet detected in the Capital Region PRISM

Common Name	Scientific Name	Growth Form	Ecological Threat	Socio-economic Threat	Regulatory Status
Kudzu	<i>Pueraria montana var lobata</i>	Vine	Very High	Insignificant negative	Prohibited
Slender falsebrome	<i>Brachypodium sylvaticum ssp. sylvaticum</i>	Grass	Very High	Insignificant negative	Prohibited
Sycamore maple	<i>Acer pseudoplatanus</i>	Tree	High	Not assessed	Prohibited
Perennial pepperweed	<i>Lepidium latifolium</i>	Forb	High	Not assessed	Prohibited
Fuzzy deutzia; Pride-of-Rochester	<i>Deutzia scabra</i>	Shrub	High	Equal outcome	
Sapphireberry	<i>Symplocos paniculata</i>	Shrub	High	Equal outcome	
Oriental redbtip	<i>Photinia villosa</i>	Vine	High	Insignificant positive	
Scotch broom	<i>Cytisus scoparius</i>	Shrub	High	Low negative	
Beale's Oregon-grape	<i>Mahonia bealei</i>	Vine	High	Equal outcome	

Definitions:

Invasive Species

A species that is nonnative to the ecosystem under consideration, and whose introduction causes or is likely to cause economic or environmental harm or harm to human health. For the purpose of 6 NYCRR Part 575, the harm must significantly outweigh any benefits.

Prohibited Species

Prohibited invasive species cannot be knowingly possessed with the intent to sell, import, purchase, transport or introduce. In addition, no person shall sell, import, purchase, transport, introduce or propagate prohibited invasive species.

Regulated Species

Regulated invasive species, on the other hand, are species which cannot be knowingly introduced into a free-living state or introduced by a means that one should have known would lead to such an introduction, although such species shall be legal to possess, sell, buy, propagate, and transport.

Horizon Scanning

A process for identifying and assessing potential risks posed by non-native species that may be introduced and become established.

High Priority Invasive Species (HPIS)

A Tier 1 or 2 invasive species which poses a high or very high threat that are of particular concern with significant impacts to our ecosystems, economy, agricultural systems, and human health.

Species of Concern (SOC)

Species that have unknown consequences and impacts to our environment, economy, agricultural systems, and human health. These species have shown evidence of invasive tendencies that could pose moderate to very high threats. These species can be approaching the region or found locally.

