

2016-2018 Lower Hudson PRISM Focal Species Lists for Surveying – April 8, 2016

The number of species included on these lists is intentionally limited in order to focus our efforts. Reports for other invasive species are still encouraged.

The following lists are directed at surveying which would occur during the summer months, and therefore some species which are better identified in the spring or fall seasons are not included. Some genera for which it may be difficult to identify individuals to species such as *Lonicera*, *Ligustrum*, and *Reynoutria* are omitted from this list and deferred to expert surveyors.

Species are included on this list to help serve several surveying goals: 1) determining PRISM-wide distributions of focal species; 2) identifying sources and corridors for proliferation and spread of these species; 3) detecting and quantifying the presence of these species in natural areas, where their impact would be greatest; 4) documenting the absence of these species in potential invasive species prevention zones (ISPZs); and 5) getting more people involved.

Key: **A** = aquatic, **T**=terrestrial. New York State (NYS) Ranks: **VH**=Very High, **H**=High, **M**=Moderate, **N/A**=not assessed. LH PRISM Category definitions indicate relative number of locations believed to be in the region. **Threat** species are believed to be at the lowest levels, either absent or present in very few locations within the region. **Emerging** species have been noted in multiple locations within the region, and may be locally common but have not been found in many areas of the PRISM. **Established** species are well established within the PRISM in multiple counties but may not be present in certain areas or may not yet have spread significantly into neighboring regions. **Widespread** species are believed to be found throughout the region and in many, if not all, of the neighboring regions.

Terrestrial Invasive Species List

	Scientific Name	Common Name	NYS Rank	LH PRISM Category
T	1. <i>Aegopodium podagraria</i>	bishop's goutweed (goutweed, bishop weed)	M	Emerging
T	2. <i>Alnus glutinosa</i>	European alder (black alder)	M	Emerging
T	3. <i>Cytisus scoparius</i>	Scotch broom	H	Emerging
T	4. <i>Humulus japonicus</i>	Japanese hops	H	Emerging
T	5. <i>Pueraria montana</i>	kudzu	VH	Emerging
T	6. <i>Rhodotypos scandens</i>	black jetbead (jetbead)	M	Emerging
T	7. <i>Viburnum dilatatum</i>	linden viburnum	M	Emerging
T	8. <i>Viburnum sieboldii</i>	Siebold's viburnum	M	Emerging
T	9. <i>Ailanthus altissima</i>	tree-of-heaven	M	Widespread
T	10. <i>Berberis thunbergii</i>	Japanese barberry	VH	Widespread
T	11. <i>Celastrus orbiculatus</i>	Oriental bittersweet	VH	Widespread
T	12. <i>Euonymus alatus</i>	burning bush	VH	Widespread
A/T	13. <i>Iris pseudacorus</i>	yellow iris	H	Widespread
T	14. <i>Microstegium vimineum</i>	Japanese stilt grass	VH	Widespread
T	15. <i>Pastinaca sativa</i>	wild parsnip	N/A	Widespread
T	16. <i>Rhamnus cathartica</i>	common buckthorn	VH	Widespread
T	17. <i>Rosa multiflora</i>	multiflora rose	VH	Widespread
T	18. <i>Rubus phoenicolasius</i>	wineberry	VH	Widespread
T	19. <i>Aralia elata</i>	Japanese angelica tree	VH	Established
T	20. <i>Cynanchum louiseae</i>	black swallowwort	VH	Established
T	21. <i>Persicaria perfoliata</i>	mile-a-minute weed	VH	Established
T	22. <i>Actinidia arguta</i>	hardy kiwi	H	Threat
T	23. <i>Arthraxon hispidus</i>	small carpetgrass, hairy jointgrass	H	Threat

T	24. <i>Lespedeza cuneata</i>	Chinese Lespedeza	H	Threat
T	25. <i>Miscanthus sinensis</i>	Chinese silver grass	H	Threat
T	26. <i>Phellodendron amurense</i>	Amur cork tree	H	Threat
T	27. <i>Photinia villosa</i>	Oriental Photinia	H	Threat

Aquatic Invasives Species List

Widespread species are included on this list so that areas where they are absent can be identified.

A	1. <i>Cabomba caroliniana</i>	fanwort	H	Emerging
A/T	2. <i>Iris pseudacorus</i>	yellow iris	H	Widespread
A/T	3. <i>Lythrum salicaria</i>	purple loosestrife	VH	Widespread
A	4. <i>Myriophyllum spicatum</i>	Eurasian water milfoil	VH	Widespread
A	5. <i>Najas minor</i>	brittle naiad	M	Widespread
A/T	6. <i>Phragmites australis</i>	common reed grass	VH	Widespread
A	7. <i>Potamogeton crispus</i>	curly-leaf pondweed	H	Widespread
A	8. <i>Trapa natans</i>	water chestnut	VH	Widespread
A	9. <i>Egeria densa</i>	Brazilian waterweed	H	Threat
A	10. <i>Hydrilla verticillata</i>	Hydrilla, water thyme	VH	Threat
A	11. <i>Hydrocharis morsus-ranae</i>	frogbit	VH	Threat
A	12. <i>Myriophyllum heterophyllum</i>	variable-leaf water milfoil	VH	Threat