

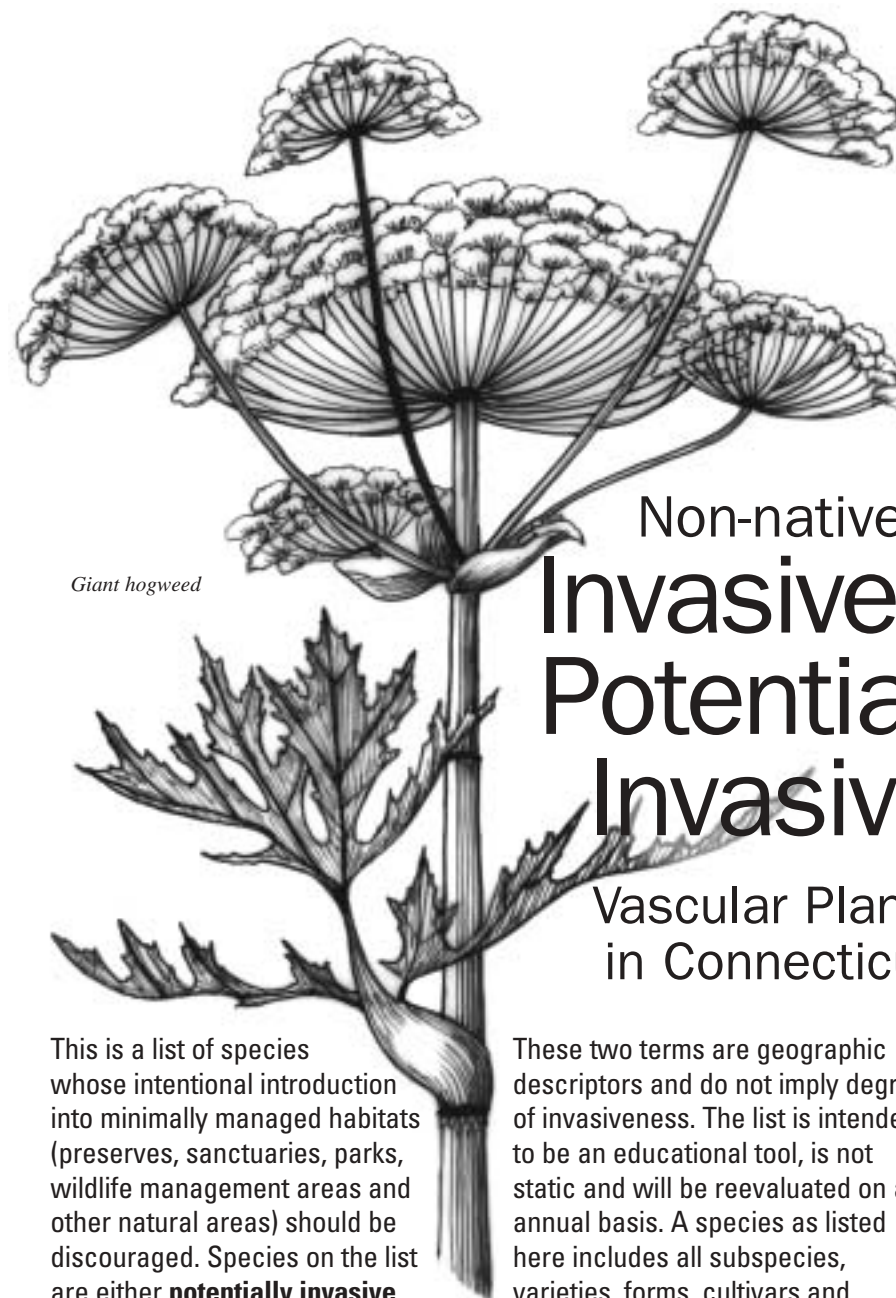
## KEY

### LIFEFORMS

T = tree  
S = shrub  
V = vine  
H = herbaceous plant  
G = grass  
A = aquatic

### HABITATS

U = uplands (all upland habitats including closed-canopy forests, second-growth woods, fields, grasslands, ridge tops, sand barrens, pitch pine scrublands etc.)  
O = open areas (fields, grasslands, sand barrens, dry meadows etc.)  
W = wetlands (swamps, marshes, wet meadows, fens, bogs, flood plains, flood plain forests, pond and stream shores)  
L = lakes (ponds, in impounded water)  
R = rivers (streams, in running water)  
C = coast (sand dunes, rocky headlands, upper edges of salt water tidal marshes)



*Giant hogweed*

# Non-native Invasive and Potentially Invasive Vascular Plants in Connecticut

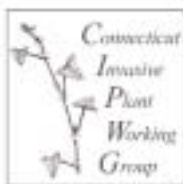
This is a list of species whose intentional introduction into minimally managed habitats (preserves, sanctuaries, parks, wildlife management areas and other natural areas) should be discouraged. Species on the list are either **potentially invasive** or **invasive**. Invasive species are either **widespread** or have a **restricted** range in Connecticut.

These two terms are geographic descriptors and do not imply degree of invasiveness. The list is intended to be an educational tool, is not static and will be reevaluated on an annual basis. A species as listed here includes all subspecies, varieties, forms, cultivars and synonyms. Life forms and broad habitat descriptors for habitats that are primarily threatened are noted.

This list and the criteria for listing were developed by the George Safford Torrey Herbarium, University of Connecticut, in conjunction with the State Geological and Natural History Survey of Connecticut and the Connecticut Invasive Plant Working Group. For a copy of the Criteria, please visit the Invasive Plant Working Group web page <http://www.hort.uconn.edu/cipwg>.

For more information on these species visit the New England Invasive Plant Atlas web page <http://invasives.eeb.uconn.edu/ipane>.

This list should be cited: Mehrhoff, L.J., K.J. Metzler, & E.E. Corrigan. 2003. Non-native and potentially invasive vascular plants in Connecticut. Center for Conservation and Biodiversity, University of Connecticut, Storrs.



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**WIDESPREAD AND INVASIVE**

SCIENTIFIC NAME	COMMON NAME	LIFEFORM	HABITAT
<i>Ailanthus altissima</i> (Mill.) Swingle	Tree-of-heaven	T	U
<i>Alliaria petiolata</i> (Bieb.) Cavara & Grande	Garlic Mustard	H	U
<i>Berberis thunbergii</i> DC.	Japanese Barberry	S	U
<i>Cardamine impatiens</i> L.		H	U
<i>Celastrus orbiculatus</i> Thunb.	Asiatic Bittersweet	V	U
<i>Centaurea maculosa</i> Lam. syn. <i>Centaurea biebersteinii</i> DC.	Spotted Knapweed	H	O
<i>Cynanchum louiseae</i> Kartsch & Gandhi syn. <i>Vincetoxicum nigrum</i> (L.) Moench	Black Swallow-wort	H,V	U
<i>Cynanchum rossicum</i> (Kleoe.) Borhidi syn. <i>Vincetoxicum rossicum</i> (Kleoe.) Barb.	Swallow-wort	H,V	U
<i>Elaeagnus umbellata</i> Thunb.	Autumn Olive	S	O
<i>Euonymus alatus</i> (Thunb.) Sieb.	Winged Euonymus	S	U
<i>Euphorbia cyparissias</i> L.	Cypress Spurge	H	O
<i>Fallopia japonica</i> (Houtt.) Decraene syn. <i>Polygonum cuspidatum</i> Sieb. & Zucc.	Japanese Knotweed	H	U, W
<i>Frangula alnus</i> Mill. syn. <i>Rhamnus frangula</i> L.	European Buckthorn	S	U
<i>Froelichia gracilis</i> (Hook.) Moq.	Cottonweed	H	O
<i>Hesperis matronalis</i> L.	Dame's Rocket	H	U
<i>Iris pseudacorus</i> L.	Yellow Iris	H	W
<i>Lonicera X bella</i> Zabel	Bella Honeysuckle	S	U, W
<i>Lonicera japonica</i> Thunb.	Japanese Honeysuckle	V	U, W
<i>Lonicera morrowii</i> A. Gray	Morrow's Honeysuckle	S	U, W
<i>Lythrum salicaria</i> L.	Purple Loosestrife	H	W
<i>Microstegium vimineum</i> (Trin.) A. Camus	Japanese Stilt Grass	G	U
<i>Myosotis scorpioides</i> L.	Forget-me-not	H	W
<i>Nasturtium officinale</i> R. Br.	Watercress	H	W
<i>Phragmites australis</i> (Cav.) Trin.	Common Reed	G	U, W
<i>Potamogeton crispus</i> L.	Crispy-leaved Pondweed	A	R, L
<i>Rhamnus cathartica</i> L.	Buckthorn	S	U
<i>Robinia pseudoacacia</i> L.	Black Locust	T	U
<i>Rosa multiflora</i> Thunb.	Multiflora Rose	S	U

**RESTRICTED AND INVASIVE**

SCIENTIFIC NAME	COMMON NAME	LIFEFORM	HABITAT
<i>Ampelopsis brevipedunculata</i> (Maxim.)	Porcelain berry	V	U
<i>Cabomba caroliniana</i> A. Gray	Fanwort	A	L, R
<i>Egeria densa</i> Planchon	Brazilian Water-weed	A	L, R
<i>Humulus japonicus</i> Sieb. & Zucc.	Japanese Hops	H,V	W, U
<i>Hydrilla verticillata</i> (L. f.) Royle	Hydrilla	A	L, R
<i>Lepidium latifolium</i> L.	Tall Pepperwort	H	C, O
<i>Lonicera maackii</i> (Rupr.) Maxim.	Amur Honeysuckle	S	U
<i>Lysimachia vulgaris</i> L.	Garden Loosestrife	H	W
<i>Myriophyllum heterophyllum</i> Michx.	Variable Water-milfoil	A	L, R
<i>Myriophyllum spicatum</i> L.	European Water-milfoil	A	L, R
<i>Polygonum perfoliatum</i> L..	Mile-a-minute vine	V, H	U
<i>Ranunculus ficaria</i> L.	Lesser celandine	H	UW
<i>Rubus phoenicolasius</i> Maxim.	Wineberry	S	U
<i>Trapa natans</i> L.	Water Chestnut	A	L, R
<i>Tussilago farfara</i> L.	Coltsfoot	H	U, W

**POTENTIALLY INVASIVE**

SCIENTIFIC NAME	COMMON NAME	LIFEFORM	HABITAT
<i>Acer ginnala</i> L.	Amur Maple	T	U
<i>Acer platanoides</i> L.	Norway Maple	T	U
<i>Acer pseudoplatanus</i> L.	Sycamore Maple	T	U
<i>Aegopodium podagraria</i> L.	Goutweed	H	W
<i>Aira caryophyllea</i> L.	Silver Hairgrass	G	O
<i>Allium vineale</i> L.	Wild Garlic	H	U
<i>Amorpha fruticosa</i> L.	False Indigo	S	W
<i>Arthraxon hispidus</i> (Thunb.) Makino		G	O, W
<i>Berberis vulgaris</i> L.	Barberry	S	U
<i>Bromus tectorum</i> L.	Drooping Brome-grass	G	O
<i>Butomus umbellatus</i> L.	Flowering-rush	H	W
<i>Callitriche stagnalis</i> Scop.		A	R, W
<i>Cirsium arvense</i> (L.) Scop.	Canada Thistle	H	O
<i>Datura stramonium</i> L.	Jimson-weed	H	C
<i>Elaeagnus angustifolia</i> L.	Russian Olive	S	U
<i>Elsholtzia ciliata</i> (Thunb.) Hylander	Elsholtzia	H	U
<i>Euphorbia esula</i> L.	Leafy Spurge	H	O
<i>Fallopia sachalinensis</i> (F. Schmidt ex Maxim.) Dcne. syn. <i>Polygonum sachalinense</i> F. Schmidt ex Maxim.	Giant Knotweed	H	U
<i>Geranium nepalense</i> Sweet	Nepalese Crane's-bill	H	U
<i>Glechoma hederacea</i> L.	Gill-over-the-ground	H	W
<i>Glyceria maxima</i> (Hartman) Holmberg	Tall mannagrass	G	W
<i>Heracleum mantegazzianum</i> Sommier & Levier	Giant Hogweed	H	U
<i>Impatiens glandulifera</i> Royle	Tall impatiens	H	W
<i>Kochia scoparia</i> (L.) Schrader	Summer Cypress	H	C
<i>Ligustrum obtusifolium</i> Sieb. & Zucc.	Border Privet	S	U
<i>Ligustrum ovalifolium</i> Hassk.	California Privet	S	U
<i>Ligustrum vulgare</i> L.	European Privet	S	U
<i>Lonicera tatarica</i> L.	Tatarian Honeysuckle	S	U
<i>Lonicera xylosteum</i> L.	European Fly-honeysuckle	S	U
<i>Lychnis flos-cuculi</i> L.	Ragged Robin	H	O
<i>Lysimachia nummularia</i> L.	Moneywort	H	W
<i>Marsilea quadrifolia</i> L.	Water Shamrock	H	L
<i>Miscanthus sinensis</i> Anderss.	Eulalia	G	O
<i>Myriophyllum aquaticum</i> (Vell.) Verdc.	Parrotfeather	A	L
<i>Nelumbo lutea</i> (Willd.) Pers.	American Water Lotus	A	L
<i>Najas minor</i> Allioni	Eutrophic Water-nymph	A	L
<i>Nymphoides peltata</i> (Gmel.) Kuntze	Yellow floating heart	A	L
<i>Onopordum acanthium</i> L.	Scotch thistle	H	C
<i>Ornithogalum umbellatum</i> L.	Star of Bethlehem	H	U
<i>Paulownia tomentosa</i> (Thunb.) Steudel	Empress-tree	T	U, C
<i>Phalaris arundinacea</i> L.	Reed Canary-grass	G	W
<i>Poa compressa</i> L.	Canada Blue-grass	G	U
<i>Polygonum caespitosum</i> Blume		H	U
<i>Populus alba</i> L.	White Poplar	T	U
<i>Pueraria lobata</i> (Willd.) Owhi	Kudzu-vine	V	U
<i>Rosa rugosa</i> Thunb.	Japanese Rose	S	C
<i>Rumex acetosella</i> L.	Sheep Sorrel	H	U
<i>Silphium perfoliatum</i> L.	Cup-plant	H	U
<i>Solanum dulcamara</i> L.	Climbing Nightshade	H, V	U, W
<i>Valeriana officinalis</i> L.	Garden-heliotrope	H	U
<i>Veronica beccabunga</i> L.	Brooklime	H	W