

Midwest Invasive Plant Network
Early Detection, Rapid Response, & Data Management Committee

Early Detection Provisional Lists, December 2006

Top 28 EDRR Species

This list targets plant species which are reported or suspected to be naturalizing and spreading rapidly outside of cultivated or managed ecosystems in the Midwest. The top 28 are ranked by the frequency with which survey respondents named them as current or potential problems. More information is needed about their demographics and current range.

<i>Polygonum cuspidatum</i>	Japanese Knotweed
<i>Heracleum mantegazzianum</i>	Giant Hogweed
<i>Microstegium vimineum</i>	Japanese Stilt Grass
<i>Pueraria lobata</i>	Kudzu
<i>Vincetoxicum nigrum</i>	Black Swallow-wort
<i>Vincetoxicum rossicum</i>	Pale Swallow-wort
<i>Celastrus orbiculatus</i>	Asian (Oriental) Bittersweet
<i>Centaurea maculosa</i>	Spotted Knapweed
<i>Euphorbia esula</i>	Leafy Spurge
<i>Humulus japonicus</i>	Japanese Hops
<i>Polygonum perfoliatum</i>	Mile-a-minute Weed
<i>Butomus umbellatus</i>	Flowering Rush
<i>Dioscorea oppositifolia</i> (syn. <i>D. batatas</i>)	Chinese Yam or Air potato
<i>Dipsacus laciniatus</i>	Cut-leaved Teasel
<i>Torilis japonica</i>	Japanese Hedge Parsley
<i>Ailanthus altissima</i>	Tree of Heaven
<i>Gypsophila paniculata</i>	Baby's Breath
<i>Ampelopsis brevipedunculata</i>	Porcelain Berry
<i>Cirsium palustre</i>	European Marsh Thistle
<i>Rubus phoenicolasius</i>	Wineberry
<i>Hesperis matronalis</i>	Dame's Rocket
<i>Lespedeza cuneata</i>	Sericea Lespedeza
<i>Lonicera maackii</i>	Amur Honeysuckle
<i>Ornithogalum umbellatum</i>	Star of Bethlehem
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>Digitalis lanata</i>	Grecian Foxglove
<i>Polygonum sachalinense</i>	Giant Knotweed
<i>Conium maculatum</i>	Poison Hemlock
<i>Ranunculus ficaria</i>	Lesser Celandine, Fig Buttercup

MIPN Early Detection Provisional Lists, December 2006, cont.

Horticultural EDRR Species

These species are being evaluated by the MIPN Green Industry Committee for a project focused on the prevention of further introductions and the development of horticultural production of native plant alternatives. More information is needed about their naturalization and spread outside of cultivated or managed ecosystems in the Midwest.

<i>Paulownia tomentosa</i>	Princess Tree
<i>Pyrus calleryana</i>	Bradford Pear
<i>Ligustrum obtusifolium</i>	Blunt-leaved Privet
<i>Quercus acutissima</i>	Sawtooth oak
<i>Acer ginnala</i>	Amur Maple
<i>Berberis thunbergii</i>	Japanese barberry
<i>Ligustrum sinense</i>	Chinese privet
<i>Euonymus alatus</i>	Winged Burning-Bush
<i>Euonymus fortunei</i>	Climbing Euonymus, Wintercreeper
<i>Euonymus hamiltonii</i> (& <i>E. europaea</i>)	Spindle-trees
<i>Hedera helix</i>	English Ivy
<i>Ligustrum vulgare</i>	Common Privet
<i>Valeriana officinalis</i>	Garden Heliotrope
<i>Spiraea japonica</i>	Japanese Meadowsweet
<i>Ranunculus ficaria</i>	Lesser Celandine

Aquatic EDRR Species

The selective control of aquatic plants is particularly difficult. Many of these species are reported to be highly invasive in adjacent regions. More information is needed about their presence and abundance in the Midwest.

<i>Hydrocharis morsus-ranae</i>	European Frog-Bit
<i>Hydrilla verticillata</i>	Hydrilla, Waterthyme
<i>Trapa natans</i>	Water Chestnut
<i>Eichhornia crassipes</i>	Water Hyacinth
<i>Egeria densa</i>	Brazilian Waterweed
<i>Callitriche stagnalis</i>	Pond Water-Starwort
<i>Cabomba caroliniana</i>	Fanwort
<i>Marsilea quadrifolia</i>	European Water-Clover
<i>Myriophyllum aquaticum</i>	Parrot's Feather
<i>Pistia stratiotes</i>	Water Lettuce

Midwest Invasive Plant Network
Early Detection & Rapid Response Regional Contacts
<http://www.mipn.org/EDDRContacts.html>

Information about early detection programs and protocols is available online at <http://mipn.org/detectionresponse.html>. Not all states or provinces have established early detection programs, but all the contacts below are participants in MIPN early detection efforts.

Illinois - contact Jody Shimp, Regional Administrator, Division of Natural Heritage, Illinois Department of Natural Resources at 618-435-8138 ext. 127 or email jody.shimp@illinois.gov

Indiana - contact the Purdue Plant and Pest Diagnostic Lab, Purdue University at 765-494-7071 or email ppdl@purdue.edu or call 1-866-NOEXOTIC

Iowa - contact Aron Flickinger, Invasive Species Coordinator, Iowa Department of Natural Resources at 515-233-8067 or email Aron.Flickinger@dnr.state.ia.us

Michigan - contact Phyllis J. Higman, Botanist, Associate Program Leader, Michigan Natural Features Inventory at 517-339-8143 or email higmanp@michigan.gov

Minnesota – for aquatics contact Luke Skinner, Invasive Species Program, Minnesota Department of Natural resources at 651-259-5140 or email luke.skinner@dnr.state.mn.us; for terrestrial plants contact Blane White, MN Invasive plant early detection rapid response program coordinator Minnesota Department of Agriculture at 651-201-6578 or email blane.white@state.mn.us

Missouri – contact Tim Smith, Resource Scientist-Botanist, Missouri Department of Conservation at 573-522-4115 ext. 3200 or email tim.smith@mdc.mo.gov

Ohio - contact Melissa Moser, Invasive Plant Coordinator, Division of Natural Areas and Preserves, Ohio Department of Natural Resources at 614-265-6439 or email melissa.moser@dnr.state.oh.us

Ontario - contact 1-800-563-7711 (free in Ontario) or email www.invadingspecies.com , a partnership between the Ontario Ministry of Natural Resources and the Ontario Federation of Anglers and Hunters

Wisconsin - contact Kelly Kearns, Endangered Resources Program, Wisconsin Department of Natural Resources at 608-267-5066 or email kelly.kearns@wisconsin.gov

