



# INVASIVE AND EXOTIC PLANT SPECIES

## PLAYBOOK



## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Connecticut
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> x <b>NO</b>
<b>Name of council</b>	Connecticut Invasive Plant Working Group (CIPWG) Connecticut Invasive Plants Council <a href="http://www.hort.uconn.edu/cipg">www.hort.uconn.edu/cipg</a>
<b>Groups included (state, federal, non profit, etc.)</b>	The Connecticut Agricultural Experiment Station, Connecticut Nursery and Landscape Association, Connecticut Department of Agriculture, Connecticut Nursery and Landscape Association/Sprucedale Gardens, Connecticut Department of Environmental Protection, Connecticut Federation of Lakes, Invasive Plant Atlas of New England (IPANE), University of Connecticut, and The Nature Conservancy.
<b>Coordinator (Name, address, phone, email)</b>	Donna Ellis, University of Connecticut, Storrs, CT 860-486-6448, <a href="mailto:donna.ellis@uconn.edu">donna.ellis@uconn.edu</a>
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	State of Connecticut, Public Act No. 03-136, "An Act Concerning Invasive Plants" on June 26, 2003.
<b>Contact Person (Name, address, phone, email)</b>	Department of Environmental Protection Gina McCarthy, Commissioner 79 Elm Street, Hartford, CT 06106-5127, 860-424-3000, <a href="mailto:dep.webmaster@po.state.ct.us">dep.webmaster@po.state.ct.us</a>
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> x <b>NO</b>
<b>Where are copies obtained?</b>	<a href="http://www.ipane.org">www.ipane.org</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> x <b>NO</b>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> X <b>JANUARY 2004</b> <b>DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	Public Act No. 03-136
<b>List the top 3 invasive plant species problems in the state</b>	1. Oriental bittersweet <i>Celastrus orbiculatus</i> 2. Multiflora rose <i>Rosa multiflora</i> 3. Eurasian water-milfoil <i>Myriophyllum spicatum</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	<ul style="list-style-type: none"> <li>▪ Research at The Connecticut Agricultural Experiment Station includes control of oriental bittersweet, black swallow-wort, milfoil, and common reed grass.</li> <li>▪ University of Connecticut research on the invasiveness of Japanese barberry and winged euonymus</li> </ul>
<b>List plants being controlled</b>	Oriental bittersweet, black swallow-wort, common reed grass and aquatic invasive weeds
<b>Reason for control</b>	1. To improve open water quality, habitat for wildlife and aid in flood erosion control. 2. Wetland habitat improvement and water quality
<b>Name the control methods used</b>	Researching control methods
<b>Funding source</b>	Forest Service Grant and in part by the Nature Conservancy
<b>Explain survey protocols used to inventory invasive plant populations</b>	Early detection, coupled with a rapid assessment and a quick and effective response is viewed as one of the best and cost-efficient ways of dealing with invasive species problems.
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.hort.uconn.edu/cipwg/">www.hort.uconn.edu/cipwg/</a> <a href="http://www.invasivespecies.gov">www.invasivespecies.gov</a> <a href="http://www.uconn.edu">www.uconn.edu</a> <a href="http://www.invasive.org/eastern/">www.invasive.org/eastern/</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Delaware
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Name of council</b>	Delaware Invasive Species Council <a href="http://www.delawareinvasives.org">www.delawareinvasives.org</a>
<b>Groups included (state, federal, non profit, etc.)</b>	4 Committees: Biology, Education, Research, Data Mgmt 30 representatives from federal, state, and local agencies; as well as private organizations
<b>Coordinator (Name, address, phone, email)</b>	Faith B. Kuehn, Plant Industries , DE Department of Agriculture, S. Dupont Hwy., Dover, DE 19901, 302-698-4587, 2320 <a href="mailto:faith.kuehn@state.de.us">faith.kuehn@state.de.us</a>
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Delaware Department of Agriculture, Plant Industries <a href="http://www.state.de.us/deptagri/plantind/noxious.htm">http://www.state.de.us/deptagri/plantind/noxious.htm</a> Delaware Noxious Weed Law, 3DeIC., Chapter 24 (LAW)
<b>Contact Person (Name, address, phone, email)</b>	Terry Van Horn, 2320 S. Dupont Hwy., Dover, DE 19901, 302-698-4580, <a href="mailto:Terry.VanHorn@state.de.us">Terry.VanHorn@state.de.us</a> .
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Where are copies obtained?</b>	Noxious Weed List <a href="http://www.dnrec.state.de.us/fw/nonnative%20plants03.pdf">www.dnrec.state.de.us/fw/nonnative%20plants03.pdf</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <input checked="" type="checkbox"/> <b>DRAFT</b> <input type="checkbox"/>
<b>What is the legal regulatory status of the list?</b>	See: Delaware laws at: <a href="http://www.invasivespecies.gov/laws/state/de.shtml">www.invasivespecies.gov/laws/state/de.shtml</a>
<b>List the top 3 invasive plant species problems in the state</b>	1. Johnson grass, <i>Sorghum halepense</i> 2. Canada thistle, <i>Cirsium arvense</i> 3. Bur cucumber, <i>Sicyos angulatus</i> 4. Giant ragweed, <i>Ambrosia trifida</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	The main objective is to provide management assistance to farmers, landowners and homeowners
<b>List plants being controlled</b>	Johnson grass, <i>Sorghum halepense</i> , Canada thistle, <i>Cirsium arvense</i> , Bur cucumber, <i>Sicyos angulatus</i> , Giant ragweed, <i>Ambrosia trifida</i>
<b>Reason for control</b>	Delaware law requires that these weeds not be allowed to exceed 24 inches in height or be allowed to produce seed.
<b>Name the control methods used</b>	chemical and mechanical
<b>Funding source</b>	State, federal, and NGO
<b>Explain survey protocols used to inventory invasive plant populations</b>	
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.udel.edu/DISC">www.udel.edu/DISC</a> . <a href="http://www.invasivespecies.gov/laws/state/de.shtml">www.invasivespecies.gov/laws/state/de.shtml</a> , <a href="http://www.dnrec.state.de.us/fw/nonnative%20plants03.pdf">www.dnrec.state.de.us/fw/nonnative%20plants03.pdf</a> <a href="http://www.state.de.us/deptagri/plantind/noxious.htm">www.state.de.us/deptagri/plantind/noxious.htm</a>

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▪ <b>STATE</b>	Illinois
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <b>NO X</b> ( <i>PREVIOUS FUNDING WAS CUT</i> )
<b>Name of council</b>	
<b>Groups included (state, federal, non profit, etc.)</b>	US Fish & Wildlife Service, Department of Agriculture, Master Gardener, Chicago Wilderness, TNC
<b>Coordinator (Name, address, phone, email)</b>	Randy Heidorn, Illinois Nature Preserve Commission, Department of Natural Resources, 217-782-4923, rheidorn@dnrmail.state.il.us
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Bureau of Environmental Programs. 2002. Illinois Noxious Weed Law and Rules. Illinois Department of Agriculture.
<b>Contact Person (Name, address, phone, email)</b>	Charles A. "Chuck" Hartke, Director, Illinois Department of Agriculture, PO Box 19281 Springfield, IL 62794-9281, 217-785-4789, chartke@agr.state.il.us, www.arg.state.il.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES X</b> <b>NO</b>
<b>Where are copies obtained?</b>	USDA plant data base <a href="http://plants.usda.gov">http://plants.usda.gov</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <b>NO</b>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <b>DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	
<b>List the top 3 invasive plant species problems in the state</b>	1. Purple loosestrife <i>Lythrum salicaria</i> L. 2. Garlic mustard <i>Alliaria petiolata</i> (Bieb.) Cavara & Grande 3. Amur honeysuckle <i>Lonicera maackii</i> (Rupr.) Herder
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Prairie Restoration Midewin Restoration, Cache River Bottom Restoration
<b>List plants being controlled</b>	Purple loosestrife, Kudzu, Garlic mustard, Chinese yam
<b>Reason for control</b>	Uncontrolled spread and destruction of native habitat
<b>Name the control methods used</b>	Bio control (beetle) for purple loosestrife Herbicides for Kudzu
<b>Funding source</b>	USDA Forest Service Northeastern Area Grants
<b>Explain survey protocols used to inventory invasive plant populations</b>	DNR and Nature Preserves Commission
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	Illinois Dept. of Nat. Res., Division of Resource Protection & Stewardship, <a href="http://dnr/state.il.us.conservation/naturalheritage">dnr/state.il.us.conservation/naturalheritage</a> , Glen Kruse, 217-785-8774 Illinois Nature Preserves Com. <a href="http://dnr.state.il.us/INPC/Index_files.htm">dnr.state.il.us/INPC/Index_files.htm</a> Carolyn Grosboll, 217-785-8686

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▪ <b>STATE</b>	Indiana
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES X NO</b>
<b>Name of council</b>	<i>Invasive Plant Species Assessment Working Group (IPSAWG)</i>
<b>Groups included (state, federal, non profit, etc.)</b>	State and federal regulatory agencies, natural areas managers, academia, environmental groups, forage council members, seeds men, nursery, landscape, cooperative extension service, Indiana Academy of Science
<b>Coordinator (Name, address, phone, email)</b>	-Robert D. Waltz, State Entomologist, 402 W. Washington, Room W-290, Indianapolis, IN 46204, 317-232-4120, bwaltz@dnr.state.in.us -Ellen Jacquart, Nature Conservancy, 1505 N Delaware, Indianapolis, IN 46202, 317-951-8818
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Indiana Dept. of Natural Resources, Div. of Entomology & Plant Pathology, 402 W. Washington, Room W-290 Indianapolis, IN 46204
<b>Contact Person (Name, address, phone, email)</b>	Robert D. Waltz, State Entomologist, 402 W. Washington, Room W-290, Indianapolis, IN 46204, 317-232-4120, bwaltz@dnr.state.in.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES X NO</b>
<b>Where are copies obtained?</b>	USDA plant data base <a href="http://plants.usda.gov">http://plants.usda.gov</a>
<b>Is the list officially accepted by the state?</b>	<b>YES NO X</b>
<b>Completed or in draft status?</b>	<b>COMPLETED DRAFT X</b>
<b>What is the legal regulatory status of the list?</b>	Some species such as loosestrife have state regulations governing them others use recommendations or may be prohibited or listed as noxious weeds
<b>List the top 3 invasive plant species problems in the state</b>	1. Bush honeysuckles ( <i>Lonicera spp.</i> ) 2. Garlic mustard <i>Alliaria petiolata</i> (Bieb.) Cavara & Grande 3. Autumn and Russian olive, <i>Eleagnus spp.</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Invasive Species Control Projects DNR and US Forest Service Grant "Invaders of the Heart Land", APHIS CAPS program
<b>List plants being controlled</b>	Kudzu, purple loosestrife, lonicera, red canary grass, buckthorn, garlic mustard ( increased activity on Kudzu control)
<b>Reason for control</b>	Species are negatively affecting the ecotypic quality of Indiana natural areas
<b>Name the control methods used</b>	Mechanical and chemical controls. Biological controls would be considered if they were available
<b>Funding source</b>	Operational funds of the managing organizations and USDA Forest Service
<b>Explain survey protocols used to inventory invasive plant populations</b>	Surveys to access cover or site aggressiveness in natural areas. Some informal statewide inventories are being conducted
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	Indiana Dept. of NR Dr. Robert Waltz, 317-232-4120 Mr. Gary Simon, USDA APHIS, PPQ, SPHD 765-446-0267 Mr. Ken Collins, USDA NRCS 317-290-3200 x356 Lee Casebrer, Nature Preserves 317-232-4052

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Iowa
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <b>NO X</b>
<b>Name of council</b>	<i>Ad hoc Invasive species Working Group</i>
<b>Groups included (state, federal, non profit, etc.)</b>	Seed Weed Commissioner, Iowa State University
<b>Coordinator (Name, address, phone, email)</b>	John Harri, Entomology and Seed Lab, Iowa Dept. of Agriculture and Land Stewardship, Wallace State Office Bldg. Des Moines, IA 50319, 515-242-5180, john.harri@idals.state.ia.us
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Iowa Dept. of Agriculture & Land Stewardship. The Iowa Weed Law, Iowa Dept. of Agriculture and Stewardship  Noxious Weeds, Iowa Code 317, Agriculture and Stewardship [21] Chapter 58
<b>Contact Person (Name, address, phone, email)</b>	John Harri, Entomology and Seed Lab, Iowa Dept. of Agriculture and Land Stewardship, Wallace State Office Bldg. Des Moines, IA 50319, 515-242-5180, john.harri@idals.state.ia.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> x <b>NO</b>
<b>Where are copies obtained?</b>	USDA plant data base <a href="http://plants.usda.gov">http://plants.usda.gov</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> x <b>NO</b>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> x <b>DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	Iowa Department of Agriculture
<b>List the top 3 invasive plant species problems in the state</b>	1. Garlic mustard <i>Alliaria petiolata</i> (Bieb.) Cavara & Grande 2. Honeysuckle <i>Anisacanthus</i> 3. Buckthorn <i>Frangula</i> P. Mill.
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Awareness Action Plan Garlic mustard control at White Pine Hollow State Forest Garlic mustard control at Lake McBride State Park Honeysuckle control at Lake McBride State Park Buckthorn control at Browns Woods Reserve near DSM
<b>List plants being controlled</b>	Garlic mustard, Honeysuckle, Buckthorn
<b>Reason for control</b>	To restore native ecosystems
<b>Name the control methods used</b>	Mechanical, chemical and considering biological
<b>Funding source</b>	In-kind funding for state and county personnel, EPA 319 water quality grant for honeysuckle efforts, donations, USDA Forest Service funding to Iowa State for survey protocol
<b>Explain survey protocols used to inventory invasive plant populations</b>	Invasive plant species surveys to determine locations and severity of garlic mustard, honeysuckle, and buckthorn and multi flora rose across the state. Iowa State U. protocol.
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.forestry.iastate.edu/Invasive_Species/Invasive.html">www.forestry.iastate.edu/Invasive_Species/Invasive.html</a> <a href="http://www.state.ia.us/forestry">www.state.ia.us/forestry</a> <a href="http://www.nemw.org/ansstatelaws.htm">http://www.nemw.org/ansstatelaws.htm</a>

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▪ <b>STATE</b>	Maine
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Name of council</b>	Maine Invasive Species Council (focus on aquatics)
<b>Groups included (state, federal, non profit, etc.)</b>	State and federal agencies, conservation organizations, academia, and private environmental consultants <a href="http://www.maine.gov/dep/blug/topic/invasives/index.htm">http://www.maine.gov/dep/blug/topic/invasives/index.htm</a>
<b>Coordinator (Name, address, phone, email)</b>	Maine Natural Areas Program, 93 State House Station Augusta, Maine 04333-0093, 207-287-8044 <a href="mailto:mnap@state.me.us">mnap@state.me.us</a> Ann Gibbs
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Maine Department of Conservation, Maine Natural Areas Program Management of Invasive Non-native Plants in Maine
<b>Contact Person (Name, address, phone, email)</b>	Ann Gibbs, Maine Dept. of Agri, 28 State House Station, Augusta ME 04333, 207-287-3891, <a href="mailto:ann.gibbs@state.me.us">ann.gibbs@state.me.us</a>
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Where are copies obtained?</b>	USDA plant data base <a href="http://plants.usda.gov">http://plants.usda.gov</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <input type="checkbox"/> <b>DRAFT</b> <input type="checkbox"/>
<b>What is the legal regulatory status of the list?</b>	Public Laws of Maine Ch. 722. 1999. An Act to Prevent the Spread of Invasive Aquatic Plants. State of Maine
<b>List the top 3 invasive plant species problems in the state</b>	1. Purple loosestrife <i>Lythrum salicaria</i> 2. Japanese barberry <i>Berberis thunbergii</i> DC. 3. Oriental bittersweet <i>Celastrus orbiculatus</i> Thunb
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Habitat Restoration Projects
<b>List plants being controlled</b>	Marsh plants-pickereel weed and bull rush Giant hogweed
<b>Reason for control</b>	Fragmented wildlife habitats and water quality
<b>Name the control methods used</b>	Vegetation control and education outreach
<b>Funding source</b>	In part by a grant from the Maine Outdoor Heritage Fund State boat registration, US Forest Service Grant, APHIS CAPS
<b>Explain survey protocols used to inventory invasive plant populations</b>	1) assess and track the most invasive plant species in Maine, 2) educate landowners, land managers, nursery groups, and the general public about native alternatives to non-native plants for use in gardening, landscaping, and restoration work, 3) Generating educational materials on the ecology and management of at least five of the most invasive non-native plants in Maine.
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	Maine Natural Areas Program Dept. of Conservation <a href="http://www.state.me.us/doc/nrimc/mnap/programs/invasives.html">www.state.me.us/doc/nrimc/mnap/programs/invasives.html</a> John McPhedran , <a href="mailto:johnmcphe dran@maine.gov">johnmcphe dran@maine.gov</a> 207-287-6110

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Maryland
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> X <b>NO</b>
<b>Name of council</b>	Maryland Invasive Species Council (MISC)
<b>Groups included (state, federal, non profit, etc.)</b>	A group of concerned scientists, land managers, business people and citizens from: Adkins Arboretum , Maryland Association of Pet Industries, Maryland Department of Agriculture, Maryland Department of the Environment, Maryland Department of Natural Resources, Maryland Department of Transportation, The Maryland Nursery and Landscape Association, Maryland-National Capital Park and Planning Commission, Maryland Native Plant Society, Mid-Atlantic Exotic Pest Plant Council, Inc., The Nature Conservancy, United States Department of Agriculture, United States Department of the Interior, University of Maryland
<b>Coordinator (Name, address, phone, email)</b>	Bob Tichenor, Maryland Department of Agriculture, Forest Pest Management Section 50 Harry S Truman Parkway Annapolis, MD 2140, 410-841-5922. tichenrh@mda.state.md.us DNR contact: Kerrie Kyde, 410-260-8534
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Annotated Code of Maryland. 1994. Weed Control. State of Maryland.
<b>Contact Person (Name, address, phone, email)</b>	Carol Holko, Maryland Department of Agriculture, Plant Protection and Weed Management, 50 Harry S Truman Parkway Annapolis, MD 21401 410-841-5920, holkoca@mda.state.md.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> X <b>NO</b>
<b>Where are copies obtained?</b>	Maryland Invasive Species Council List: <a href="http://www.mdinvasivesp.org">www.mdinvasivesp.org</a> Maryland Noxious Weed List: <a href="http://www.mda.state.md.us/sc.p.ants-pest/plant_protection_Weed_mgmt/noxious_Weeds_md/index.php">www.mda.state.md.us/sc.p.ants-pest/plant_protection_Weed_mgmt/noxious_Weeds_md/index.php</a>
<b>Is the list officially accepted by the state? Completed or in draft status?</b>	<b>YES</b> X (NOXIOUS WEED LIST) <b>NO</b> X – (M. I. S. C. LIST) <b>COMPLETED</b> <b>DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	Maryland Invasive Species Council List: unofficial- no regulatory status. Maryland Noxious Weed List: regulatory see Annotated Code of MD, Agriculture Title 9 subtitle 4. Weed Control
<b>List the top 3 invasive plant species problems in the state</b>	1. Tree-of-Heaven <i>Ailanthus altissima</i> 2. Japanese stiltgrass <i>Polygonum perfoliatum</i> L. 3. Mile-a-Minute <i>Polygonum perfoliatum</i> L.
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	MDA, USDA, APHIS, CAPS- Giant hogweed, MDA-Invasive Plant in State Forests, MD, DOT, SHA- Cooperative agreements for state-regulated weeds, MD, DNR projects, local agency projects
<b>List plants being controlled</b>	ailanthus, multiflora rose, thistles, shattercane, Johnson grass, kudzu, mile-a-minute, garlic mustard, phragmites, Japanese siltgrass, Japanese knotweed, plus others as needed
<b>Reason for control</b>	Regulatory authority for multiflora rose, thistles, shattercane, Johnson grass; silviculture management for ailanthus, mile-a-minute, Japanese stiltgrass; habitat protection/restoration for all
<b>Name the control methods used</b>	Educational outreach, herbicides, biological control using insects
<b>Funding source</b>	County and state funded agencies, USDA FS, USDA APHIS, US Department of Transportation
<b>Explain survey protocols used to inventory invasive plant populations</b>	State and federal protocols
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.invasivespecies.gov">www.invasivespecies.gov</a> , <a href="http://www.mdinvasivesp.org">www.mdinvasivesp.org</a> , <a href="http://mda.state.nd.us/plants-pests/plant_protection_weed_mgmt.index">mda.state.nd.us/plants-pests/plant_protection_weed_mgmt.index</a>





# INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Massachusetts
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES X NO</b>
<b>Name of council</b>	Massachusetts Invasive Plant Advisory Group
<b>Groups included (state, federal, non profit, etc.)</b>	Eighteen entities: state and federal governmental agencies in fish and wildlife, agriculture, and natural resources; horticulture industry; academic science institutions; land management and nonprofit conservation organizations.
<b>Coordinator (Name, address, phone, email)</b>	Cynthia Boettner, U.S. Fish & Wildlife Service Silvio O. Conte National Fish & Wildlife Refuge, 52 Avenue A Turner Falls, MA 01376 413/863-0209 ext. 6; Cynthia_boettner@fws.gov
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Massachusetts Department of Agricultural Resources has regulatory authority for Noxious Weed List and control; Other mandates include: Mass. Department of Conservation and Recreation (Lakes and Ponds Program), Mass. Div. of Fisheries & Wildlife (Natural Heritage & Endangered Species Program & Biodiversity Initiative); Mass. Dept. of Environmental Protection (Div. of Watershed Management); Coastal Zone Management (Aquatic Invasive Species Management Plan, Wetland Restoration Program).
<b>Contact Persons (Name, address, phone, email)</b>	Brad Mitchell, MA DA, 251 Causeway St, Suite 500, Boston, MA 02114, 617/626-1771; Jim Straub, MA DCR, Lakes and Ponds Program, 617/626-1411; MA Div. of Fisheries & Wildlife, NHESP 508/792-7270 x200; MA Dept. of Environmental Protection, Div. of Watershed Mgt., Rick McVoy 508/767-2877; MA Coastal Zone Management: Jason Baker, AIS Plan 617/626-1204, Wetland Restoration Program, Tim Smith, 617/626-1247.
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES X NO</b>
<b>Where are copies obtained?</b>	www.newfs.org; www.MNLA.org; www.nhesp.org;
<b>Is the list officially accepted by the state? Completed or in draft status?</b>	<b>YES X (AT DEPT. LEVEL ONLY) NO COMPLETED X DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	No legal status for list and no state authority. <i>Trapa natans</i> (Water-chestnut) is regulated as are listed noxious weeds.
<b>List the top 3 invasive plant species problems in the state</b>	1. Purple loosestrife <i>Lythrum salicaria</i> 2. Glossy buckthorn <i>Rhamnus frangula</i> , <i>R. carthartica</i> 3. Eurasian milfoil <i>Myriophyllum spicatum</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Japanese Stiltgrass, New England Wild Flower Society; Weed it Now Project– 30,000 acres in the Berkshires, TNC Taconics Regional Office; Water Chestnut in Connecticut River Valley, Silvio Conte Refuge; Giant Hogweed control, MA Dept. of Agr. Resources; plus numerous Phragmites, Purple Loosestrife, Eurasian Milfoil, Variable Milfoil, Cabomba, Japanese Knotweed, Glossy Buckthorn, Morrow's Honeysuckle, and Multi-flora Rose removal projects et al.
<b>List plants being controlled</b>	Japanese Stiltgrass, Japanese Barberry, Phragmites, Purple Loosestrife, Japanese Knotweed, Oriental Bittersweet, Morrow's Honeysuckle, Glossy & Common Buckthorn, Water Chestnut, Eurasian and Variable Milfoil, Cabomba et al.
<b>Reason for control</b>	Native habitat restoration; weed control in lakes, ponds, Rows
<b>Name the control methods used</b>	Manual, mechanical, biological, and herbicidal methods
<b>Funding source</b>	Federal, State and Private
<b>Explain survey protocols used to inventory invasive plant populations</b>	Invasive Plant Atlas of New England (www.IPANE.org) has terrestrial and aquatic invasive plant field forms and trains citizen volunteers. It maintains a large database of New England records. Massachusetts Natural Heritage & Endangered Species Program (www.nhesp.org) has an Invasive Plant Field Form, a small database of records, plus numerous records associated with its rare species database; it surveys Wildlife Management Areas and other lands in Massachusetts; Mass. Department of Environmental Protection, Div. of Watershed Protection has an aquatic invasive plant database.
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	MA DA (www.mass.gov/agr); Fisheries and Wildlife, Natural Heritage & Endangered Species Program (www.nhesp.org); MA Dept. of Conservation & Recreation, Lakes and Ponds Program (www.state.ma.us/dcr/); MA Coastal Zone Management, Wetland Restoration Program. Silvio O. Conte Nat. Fish & Wildlife Refuge, 413-863-0209; Invasive Plant Atlas of New England, www.ipane.org; New England Wild Flower Society, www.newfs.org

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Michigan
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Name of council</b>	Michigan Invasive Plant Council (MIPC)
<b>Groups included (state, federal, non profit, etc.)</b>	State, federal, nonprofit, and nursery groups. DNR, MDA, USFA, TNC, Beekeepers, MDOT, Military, University, Nursery & Landscape, private, Wildflower Assoc. of MI, Parks, Seney Wildlife Refuge, Municipal Arborists, Soil Conservation Service
<b>Coordinator (Name, address, phone, email)</b>	Dr. Robert Schutzki, Michigan State University, College of Agriculture and Natural Resources PO Box 464, Newaygo, Michigan 49337, 517- 353-5487 <a href="mailto:schutzki@msu.edu.us">schutzki@msu.edu.us</a>
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Michigan Department of Agriculture
<b>Contact Person (Name, address, phone, email)</b>	Ken Rauscher, 517-373-4087, <a href="mailto:Rauscherk@michigan.gov">Rauscherk@michigan.gov</a> Mike Byran, 517-373-2977, <a href="mailto:bryanm@michigan.gov">bryanm@michigan.gov</a> Michigan Department of Agriculture, P.O. Box 30017, Lansing, Michigan 48909 , 1-800-292-3939
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Where are copies obtained?</b>	Contact MDA 517-373-1087 or Mike Byran, 517-373-2977 for a list or access at: USDA plant data base, <a href="http://plants.usda.gov">http://plants.usda.gov</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <input type="checkbox"/> <b>DRAFT</b> <input checked="" type="checkbox"/>
<b>What is the legal regulatory status of the list?</b>	Personal contact program and Michigan Department of Agriculture
<b>List the top 3 invasive plant species problems in the state</b>	1. Purple loosestrife <i>Lythrum salicaria</i> 2. Garlic mustard <i>Alliaria petiolata</i> 3. Buckthorn <i>Frangula</i> P. Mill.
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	US Forest Service Grant with MTU
<b>List plants being controlled</b>	Purple loosestrife, Garlic mustard, European buckthorn
<b>Reason for control</b>	Displacing native plant species, changing/simplifying native ecosystems
<b>Name the control methods used</b>	See bio-control of Purple loosestrife at <a href="http://www.miseagrant.org/pp">www.miseagrant.org/pp</a> Norway Maple, Spotted Knapweed, and smooth buckthorn
<b>Funding source</b>	Michigan Sea Grant
<b>Explain survey protocols used to inventory invasive plant populations</b>	MIPC is currently developing an invasive plant monitoring system and protocol. Plans are to begin with garlic mustard, European buckthorn, and purple loosestrife and include others as needed.
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	State Agriculture Agencies <a href="http://www.michigan.gov/mda">www.michigan.gov/mda</a> State Natural Heritage Programs <a href="http://www.msue.msu.edu/mnfi/">www.msue.msu.edu/mnfi/</a> State Invasive or exotic Pest Councils <a href="http://forestry.msu.edu/mipc">http://forestry.msu.edu/mipc</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Minnesota
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES X      NO</b>
<b>Name of council</b>	The Minnesota Invasive Species Advisory Council (MISAC)
<b>Groups included (state, federal, non profit, etc.)</b>	Minnesota Department of Agriculture (MDA), USDA Animal and Plant Health Inspection Service (USDA-APHIS), USDA Forest Service, (USDA-USFS), Minnesota Department of Natural Resources (MNDNR), University of Minnesota, Minnesota Nursery and Landscaping Assoc (MNLA), The Nature Conservancy, Minnesota Native Plant Society, Bailey's Nursery, Minnesota Department of Transportation (MNDOT), U.S. Fish and Wildlife Service, Leech Lake Band of the Ojibwe, Minnesota Crop Improvement Association and other interested individuals.
<b>Coordinator (Name, address, phone, email)</b>	Jay Rendall (DNR), 651-297-1464 90 West Plato Boulevard, Saint Paul, Minnesota 5510
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	MN Department of Agriculture
<b>Contact Person (Name, address, phone, email)</b>	Chuck Dale, Noxious Weed Supervisor, 651-296-6123 Charles.Dale@state.mn.us Geir Friisoe, Plant Protection Section Manager, 651-297-7174, geir.friisoe@state.mn.us MN Department of Agriculture, 90 West Plato Boulevard, Saint Paul, Minnesota 55107, 651-297-2200 or 1-800-967-2474
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES X      NO</b>
<b>Where are copies obtained?</b>	MISAC or USDA data base <a href="http://plants.usda.gov/cgi_bin/topics.cgi?earl=noxious.cgi">http://plants.usda.gov/cgi_bin/topics.cgi?earl=noxious.cgi</a> <a href="http://forestry.msu.edu/mipc/UPweeds.htm">http://forestry.msu.edu/mipc/UPweeds.htm</a>
<b>Is the list officially accepted by the state? Completed or in draft status?</b>	<b>YES      NO</b> <b>COMPLETED      DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	
<b>List the top 3 invasive plant species problems in the state</b>	1. Buckthorn <i>Rhamnus carthartica</i> 2. Teasel <i>Dipsacus fullonum</i> 3. Japanese knotweed <i>Polygonum cuspidatum</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Interagency projects target high priority species and public outreach programs help the public with identification and control recommendations. Each agency has specific plants for targeting responsibilities.
<b>List plants being controlled</b>	Grecian foxglove, Teasel, Japanese knotweed
<b>Reason for control</b>	To identify and control early start up populations to slow the spread.
<b>Name the control methods used</b>	Herbicides
<b>Funding source</b>	Each state agency generates funding for programs and grants
<b>Explain survey protocols used to inventory invasive plant populations</b>	Protocols are being developed at MDA
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	Arrest the Pest Hotline- 1-888-545-MOTH. <a href="http://www.mda.state.mn.us">www.mda.state.mn.us</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Missouri
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <b>NO X</b>
<b>Name of council</b>	
<b>Groups included (state, federal, non profit, etc.)</b>	State DNR, Department of Agriculture, NRCS, US Forest Service, TNC, Master Gardener
<b>Coordinator (Name, address, phone, email)</b>	Jim Lea, Agricultural Research Service, USDA 573-751-5503, <a href="http://www.moga.state.mo.us/statues/C200-299/26304450">www.moga.state.mo.us/statues/C200-299/26304450</a>
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Missouri Department of Conservation, P.O. Box 180, 65102 2901 W. Truman Blvd., Jefferson City, MO 65109 573-751-4115 The Department of Agriculture has regulatory authority.
<b>Contact Person (Name, address, phone, email)</b>	Mike Brown, State Entomologist, 573-751-5507, <a href="mailto:michael.brown@mda.mo.gov">michael.brown@mda.mo.gov</a> Tim Smith, MO Department of Conservation, 573-751-4115 ext. 3200, <a href="mailto:smitht@mdc.state.mo.us">smitht@mdc.state.mo.us</a>
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES X</b> <b>NO</b>
<b>Where are copies obtained?</b>	National database <a href="http://plants.usda.gov/cgi_bin/topics.cgi?earl=noxious.cgi">http://plants.usda.gov/cgi_bin/topics.cgi?earl=noxious.cgi</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <b>NO</b>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <b>DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	Personal contact with land owners Missouri Department of Agriculture has regulatory authority
<b>List the top 3 invasive plant species problems in the state</b>	1. Garlic mustard <i>Alliaria petiolata</i> 2. Shrub honeysuckle <i>Lonicera</i> 3. Japanese honeysuckle <i>Lonicera</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Bio-control projects of purple loosestrife and musk thistle. Mechanical control of garlic mustard
<b>List plants being controlled</b>	Purple loosestrife, musk thistle, garlic mustard (emphasis on invasiveness and not plant origin)
<b>Reason for control</b>	Invasive situation warrants control
<b>Name the control methods used</b>	Purple loosestrife – bio-control with beetles, Musk thistle – bio-control with insects Garlic mustard – mechanical control
<b>Funding source</b>	Internal DNR finds – Missouri Department of Agriculture
<b>Explain survey protocols used to inventory invasive plant populations</b>	The heritage division of DNR , meets GIS records of invasive species that are encountered on field trips
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.conservation.state.mo.us/nathis/exotic/">www.conservation.state.mo.us/nathis/exotic/</a> <a href="http://plants.usda.gov">http://plants.usda.gov</a> Missouri Botanical Garden – St Louis, MO

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	New Hampshire
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Name of council</b>	New Hampshire Exotic Species Program <a href="http://www.state.nh.us/agric/topics/plants_insects.htm">www.state.nh.us/agric/topics/plants_insects.htm</a> <a href="http://www.agriculture.nh.gov/topics/plants_insects.htm">www.agriculture.nh.gov/topics/plants_insects.htm</a>
<b>Groups included (state, federal, non profit, etc.)</b>	State Department of Environmental Services
<b>Coordinator (Name, address, phone, email)</b>	Amy P. Smagula, NH DES, 29 Hazen Drive, Concord, NH 03301, 603-271-2248 phone, 603-271-7894 fax, <a href="mailto:asmagula@des.state.nh.us">asmagula@des.state.nh.us</a> .
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	NH Department of Environmental Services, 29 Hazen Drive, Concord, NH 03301
<b>Contact Person (Name, address, phone, email)</b>	Amy P. Smagula, NH DES, 29 Hazen Drive, Concord, NH 03301, 603-271-2248 phone, 603-271-7894 fax, <a href="mailto:asmagula@des.state.nh.us">asmagula@des.state.nh.us</a> .
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Where are copies obtained?</b>	<a href="http://www.des.state.nh.us/wmb/exoticspecies">www.des.state.nh.us/wmb/exoticspecies</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <input type="checkbox"/> <b>DRAFT</b> <input type="checkbox"/>
<b>What is the legal regulatory status of the list?</b>	List is officially accepted by state, and is in rule. List is in rule, and enforcement actions and fine are in rule. Fourteen prohibited species
<b>List the top 3 invasive plant species problems in the state</b>	1. Purple loosestrife <i>Lythrum salicaria</i> 2. Honeysuckle <i>Lonicera</i> 3. Common reed <i>Phragmites</i> Top three invasive aquatic plants: Variable milfoil, fanwort, Brazilian elodea
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Approximately 15 projects completed annually. reference the Program Reports for specific details at: <a href="http://www.des.state.nh.us/wmb/exoticspecies/2002-2003_Report.pdf">www.des.state.nh.us/wmb/exoticspecies/2002-2003_Report.pdf</a>
<b>List plants being controlled</b>	Volunteer Group Cutting
<b>Reason for control</b>	Habitat restoration
<b>Name the control methods used</b>	Hand and mechanical
<b>Funding source</b>	Boat registration funds are earmarked for exotic species management
<b>Explain survey protocols used to inventory invasive plant populations</b>	See weed watcher survey information at <a href="http://www.des.state.nh.us/wmb/exoticspecies/survey.htm">http://www.des.state.nh.us/wmb/exoticspecies/survey.htm</a> . Protocols for field biologists available by contacting our office.
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	New Hampshire Department of Environmental Services <a href="http://www.des.state.nh.us/wmb/exoticspecies">www.des.state.nh.us/wmb/exoticspecies</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	New Jersey
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> X <b>NO</b>
<b>Name of council</b>	New Jersey Invasive Species Council (working on state plan)
<b>Groups included (state, federal, non profit, etc.)</b>	Commissioner of the Department of Environmental Protection or his designee; Secretary of the Department of Agriculture or his designee; Commissioner of the Department of Transportation or his designee; Chief Executive Officer and Secretary of the Commerce and Economic Growth Commission or his designee; Three representatives from conservation organizations; One representative from the agricultural sector; Two representatives of the nursery and landscape sector; One representative of the New Jersey Agricultural Invasive Species Council; One representative from academia; One or more representatives from the general public
<b>Coordinator (Name, address, phone, email)</b>	Floyd Yoder, 609-530-4192 Marc Matsil, marc.matsil@dep.state.nj.us Carl Schulze, Director, Division of Plant Industries, Department of Environmental Protection, PO Box 330, Room 303, Trenton, NJ 08625, 609-292-5441, <a href="mailto:carl.schulze@ag.state.nj.us">carl.schulze@ag.state.nj.us</a>
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Department of Environmental Protection and Department of Agriculture
<b>Contact Person (Name, address, phone, email)</b>	bobcartica@dep.state.nj.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <b>NO</b> X
<b>Where are copies obtained?</b>	<a href="http://www.state.nj.us/agriculture/plant/weedseed.htm">http://www.state.nj.us/agriculture/plant/weedseed.htm</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <b>NO</b> X
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <b>DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	Departments of Environmental Protection & Agriculture co-responsible for enforcement of E.O. 97 – 3/5/04
<b>List the top 3 invasive plant species problems in the state</b>	1. Japanese stilt grass <i>Polygonum perfoliatum</i> L. 2. Japanese barberry <i>Berberis thunbergii</i> 3. Garlic mustard <i>Alliaria petiolata</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	<ul style="list-style-type: none"> <li>▪ Rearing loosestrife beetle for sale</li> <li>▪ Garlic mustard study plots</li> <li>▪ Mile-a-minute bio control</li> </ul> Robert Chianese, Biocontrol Program, Div. of Plant Industry
<b>List plants being controlled</b>	<ul style="list-style-type: none"> <li>▪ Purple loosestrife seeds and plants prohibited</li> <li>▪ Canada thistle</li> </ul>
<b>Reason for control</b>	Habitat loss, fragmentation, permanent destruction
<b>Name the control methods used</b>	Bio control and inspection of hay, seed, nursery products Robert Chianese, 609-530-4192
<b>Funding source</b>	New Jersey State Agricultural, USDA Forest Service
<b>Explain survey protocols used to inventory invasive plant populations</b>	New Jersey State protocols
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.state.nj.us/dep/nj.gov/agriculture/biocontrol">http://www.state.nj.us/dep/nj.gov/agriculture/biocontrol</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	New York
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES X NO</b>
<b>Name of council</b>	Invasive Plant Council of New York <a href="http://www.ipcnys.org/">http://www.ipcnys.org/</a>
<b>Groups included (state, federal, non profit, etc.)</b>	The IPC NYS welcomes individuals and organizations who are concerned about invasive plants in New York State.
<b>Coordinator (Name, address, phone, email)</b>	Executive Director - Suzanne Maloney, 5 Broadway, Suite 205 Troy, New York 12180, 800-647-0384 or 315-635-5008 <a href="mailto:Suzanne.mm@nycap.com">Suzanne.mm@nycap.com</a>
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	New York State Department of Agriculture and Markets, Plant Industry
<b>Contact Person (Name, address, phone, email)</b>	Robert Munqari, Director, 10 Airline Drive Albany, NY 12235 800-554-4501 ext 72087 or 518-457-2087 <a href="mailto:bob.mungari@agmkt.state.ny.us">bob.mungari@agmkt.state.ny.us</a>
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES X NO</b>
<b>Where are copies obtained?</b>	<a href="http://www.ipcnys.org/">http://www.ipcnys.org/</a> See Weed List
<b>Is the list officially accepted by the state?</b>	<b>YES NO</b>
<b>Completed or in draft status?</b>	<b>COMPLETED DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	
<b>List the top 3 invasive plant species problems in the state</b>	1. Black swallowwort <i>Cynanchum nigrum</i> 2. Common reed <i>Phragmites australis</i> 3. Japanese barberry <i>Berberis thunbergii</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	<ul style="list-style-type: none"> <li>▪ <b>Adirondack Cooperative Weed Management Project</b> The Adirondack Chapter of The Nature Conservancy, the Adirondack Park Agency, and the NYS Department of Transportation are working together to monitor and control invasive plant populations along the highways systems in the Park. Project contact: <b>Nina Schoch</b>, <a href="mailto:nschoch@tnc.org">nschoch@tnc.org</a></li> <li>▪ <b>Albany Pine Bush</b> uses on restoration in a unique natural area following invasive plant species removal. Research will focus on the development of aggressive horticultural techniques for establishing native plants on reclaimed sites. Project contact: <b>Neil Gifford</b>, <a href="mailto:ngifford@tnc.org">ngifford@tnc.org</a></li> </ul>
<b>List plants being controlled</b>	<ul style="list-style-type: none"> <li>▪ Beetles to purple loosestrife in wetlands, Common reed grass (Cornell University)</li> <li>▪ Autumn olive, black locust, privet, black swallow-wort, buckthorn, bush honeysuckle, Japanese barberry, mul-tiflora rose, oriental bittersweet and garlic mustard. (Nature Conservancy)</li> </ul>
<b>Reason for control</b>	Habitat disturbance
<b>Name the control methods used</b>	New York State Integrated Pest Management (IPM) Program
<b>Funding source</b>	APHIS , USDA Forest Service Grant Adirondack Park
<b>Explain survey protocols used to inventory invasive plant populations</b>	Seed and Fertilizer inspections, survey and research to identify invasive plant species distribution
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	Brooklyn Botanical Gardens <a href="http://www.bbg.org">www.bbg.org</a> New York Integrated pest Management Program <a href="http://www.nysipm.cornell.edu/reports/caps00.html">www.nysipm.cornell.edu/reports/caps00.html</a> NY Dept. of Agriculture <a href="http://www.agmkt.state.ny.us/PI/PIHome.html">www.agmkt.state.ny.us/PI/PIHome.html</a>



## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Ohio
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES X NO</b>
<b>Name of council</b>	Ohio Invasives Council
<b>Groups included (state, federal, non profit, etc.)</b>	Working on official council (EPPC) Semi Official Group DNR
<b>Coordinator (Name, address, phone, email)</b>	Tom Harrison , Department of Agriculture 8995 E Main St Reynoldsburg, Ohio 43068 Melisa Mozer, Division of Natural Areas , 614-265-6439
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Ohio Department of Natural Resources Ohio Department of Agriculture, 614-728-8995 Ohio Department of Plant Industry, 614-728-6400, 800-282-1955 plantpest@mail.agri.state.oh.us
<b>Contact Person (Name, address, phone, email)</b>	Greg Schneider - Botanist Ohio Department of Natural Resources Division of Natural Areas & Preserves 1889 Fountain Square Court, Building F-1 Columbus, OH 43224 614-265-6453 Greg.schneider@dnr.state.oh.us Ohio Department of Agriculture, Director of Division of Plant Industry, 8995 East Main Street, Reynoldsburg, OH 43068 614-728-6270 , plant@mail.agri.state.oh.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES x NO</b>
<b>Where are copies obtained?</b>	<a href="http://plants.usda.gov">http://plants.usda.gov</a> <a href="http://www.ohiodnr.com">http://www.ohiodnr.com</a>
<b>Is the list officially accepted by the state?</b>	<b>YES NO X</b>
<b>Completed or in draft status?</b>	<b>COMPLETED DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	Noxious weed law with Department of Agriculture but no invasive. No status. Department of Agriculture regulated
<b>List the top 3 invasive plant species problems in the state</b>	1. Bush honeysuckle <i>Lonicera</i> 2. Garlic mustard <i>Alliaria petiolata</i> 3. Glossy buckthorn <i>Rhamnus frangula</i> , <i>R. carthartica</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Ohio Department of Natural Resources and The Nature Conservancy created an awareness campaign. Hogweed control used PA contractor. Local Park Districts
<b>List plants being controlled</b>	Targeted Species: Garlic mustard, Autumn olive, Honeysuckle, Purple loosestrife, Reed canary grass, Japanese knotweed, European buckthorn, Glossy buckthorn, Multi-flora rose
<b>Reason for control</b>	Destruction of native habitat
<b>Name the control methods used</b>	Cutting and treating with herbicide
<b>Funding source</b>	USDA, APHIS
<b>Explain survey protocols used to inventory invasive plant populations</b>	TNC
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.ohioagriculture.gov/">www.ohioagriculture.gov/</a> <a href="http://www.dnr.state.oh.us">www.dnr.state.oh.us</a> <a href="http://www.ohiodnr.com">www.ohiodnr.com</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Pennsylvania
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Name of council</b>	The Pennsylvania Noxious Weed Task Force (PANWTF) Noxious Weed Control Committee, Governors IPC, Mid-Atlantic Exotic Pest Plant Council <a href="http://www.ma-eppc.org/">www.ma-eppc.org/</a>
<b>Groups included (state, federal, non profit, etc.)</b>	State and federal agencies, universities, and private organizations. TNC, Penn State Weed Extension, Penn Ag Industries, Don Egan , <a href="mailto:garyclement@aphis.usda.gov">garyclement@aphis.usda.gov</a>
<b>Coordinator (Name, address, phone, email)</b>	Gary Clement, 717-241-0705 Wilbur Mountain, 717-787-5209 Jean and Chris Firestone- Ecological Services 717-783-0383 or 570-724-8149 Randy Curino, 302-698-4585
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Noxious Weed Control Law Pennsylvania Noxious Weed Control Act in 1982-74. PA Department of Agriculture, Bureau of Plant Industry 230 N. Cameron ST, Harrisburg, PA 17110-9408
<b>Contact Person (Name, address, phone, email)</b>	Karl Valley or Gary Clement Co Chair Noxious Weed Task Group, PA Dept. Ag, Bureau of Plant Industries, 230 N. Cameron ST, Harrisburg, PA 17110 717-241-0705 Fax # 717-772-5226 <a href="mailto:kvalley@state.pa.us">kvalley@state.pa.us</a>
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Where are copies obtained?</b>	USDA plant data base <a href="http://plants.usda.gov">http://plants.usda.gov</a> , Invasive Species.Gov <a href="http://www.agriculture.state.pa.us/plantindustry">http://www.agriculture.state.pa.us/plantindustry</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <input type="checkbox"/> <b>DRAFT</b> <input checked="" type="checkbox"/> 13 SPECIES ON AG WEB SITE
<b>What is the legal regulatory status of the list?</b>	No botanist at present. Normally visit land owners to gain compliance. Jan. 2004 Government signed E.O. 2004-1. Invasive Species Council under Dept. of Agriculture
<b>List the top 3 invasive plant species problems in the state</b>	1. Kudzu <i>Pueria montana</i> 2. Giant hog weed <i>Heracleum mantegazzianum</i> 3. Goats-rue <i>Galega officinalis L.</i> (see <a href="http://invasivespecies.gov">invasivespecies.gov</a> for listing)
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Giant hogweed educational outreach program
<b>List plants being controlled</b>	Kudzu Giant hog weed – Mechanical with Roundup Goats rue
<b>Reason for control</b>	There is limited distribution in the state with major benefits to slow the spread. Kudzu movement north is a concern
<b>Name the control methods used</b>	Prefer Bio-control on listed plants
<b>Funding source</b>	USDA funding Hog weed control, APHIS Cost Share (Hog weed)
<b>Explain survey protocols used to inventory invasive plant populations</b>	Use data from herbarium survey, PA Natural Diversity Index-Survey. APHIS Goat Weed Survey Protocol
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	PA Plant Industry <a href="http://www.agriculture.state.pa.us/plantindustry">http://www.agriculture.state.pa.us/plantindustry</a> Toll Free Giant Hogweed Hotline: 1 (877) 464-9333 PA Dept. of Conservation and Natural Resources <a href="http://www.dcnr.state.pa.us/forestry/wildplant/invasive.aspx">www.dcnr.state.pa.us/forestry/wildplant/invasive.aspx</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Rhode Island
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Name of council</b>	Rhode Island Invasive Species Council (RIISC)
<b>Groups included (state, federal, non profit, etc.)</b>	Representatives from federal agencies (such as the U.S. Fish and Wildlife Service), state agencies (such as the R.I. Department of Environmental Management's Division of Agriculture and the R.I. Department of Transportation), academic institutions, the R.I. Nursery and Landscape Association, and nonprofit groups (including RIWPS, Save the Bay, The Nature Conservancy, and Audubon Society of R.I.)
<b>Coordinator (Name, address, phone, email)</b>	Lisa Gould, Coordinator, URI Cooperative Extension/ Rhode Island Natural History Survey, University of Rhode Island, Kingston, RI 02881, lgould@rinhs.org , 401-874-5822, NIPGRO The Rhode Island Wild Plant Society, P.O. Box 114, Peacedale, RI 02883-0114, 401-783-5895, office@riwps.org
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	State of Rhode Island-Natural Heritage Program www.uri.edu/ce/rihs/db_rinhp.htm
<b>Contact Person (Name, address, phone, email)</b>	Rick Enser, 401-22-2776 Ext. 4308 (Natural Heritage Program) Dennis Martin, Invader's, 401-222-2781 Ext. 4509
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <input type="checkbox"/> <b>NO</b> <input checked="" type="checkbox"/>
<b>Where are copies obtained?</b>	Rhode Island Wild Plant Society www.riwps.org
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <input type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <input type="checkbox"/> <b>DRAFT</b> <input type="checkbox"/>
<b>What is the legal regulatory status of the list?</b>	No legal status and no law
<b>List the top 3 invasive plant species problems in the state</b>	1. Oriental bittersweet <i>Celastrus orbiculatus</i> Thunb 2. Common reed <i>Phragmites australis</i> 3. Multiflora rose and Autumn olive
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	USFWS - Trust of Pond – Sachwest Point Refuge Suzanne Paton – 401-364-9124
<b>List plants being controlled</b>	Canada Thistle See List - IPANE
<b>Reason for control</b>	Habitat Restoration – preservation and protection of RI natives
<b>Name the control methods used</b>	Burning and selected herbicides
<b>Funding source</b>	Federal, RI AG Experiment Station, URI, Preservation and Protection of RI Native Plants and Habitat
<b>Explain survey protocols used to inventory invasive plant populations</b>	Air National Guard – Camp Fogarty Bio Blitz – Natural Heritage Program, Nature Serve RI Natural History Survey
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	Rhode Island Wild Plant Society: www.riwps.org Rhode Island Invasive Species Council www.rinhs.org <a href="http://www.newfs.org">www.newfs.org</a> , New England Plant Conservation Program, Division of Forest Environment 401-647-1439

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Vermont
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> X <b>NO</b>
<b>Name of council</b>	Vermont Invasive Exotic Plant Committee
<b>Groups included (state, federal, non profit, etc.)</b>	Individuals from forests, parks, Department of Environmental Conservation, The Nature Conservancy, US Fish and Wildlife, Department of Agriculture, USDA APHIS, nurseries and industry
<b>Coordinator (Name, address, phone, email)</b>	Scott Pfister 116 State Street, Drawer 20, Montpelier, VT 05620-2901 802-828-3481, spfister@agr.state.vt.us
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Vermont Department of Agriculture, Food and Markets. 2003. Quarantine #3 - Noxious Weeds. Vermont Department of Agriculture, Food and Markets.
<b>Contact Person (Name, address, phone, email)</b>	Scott Pfister, Plant Pathologist, VT Dept of Agriculture, Food and Markets, 116 State Street, Drawer 20, Montpelier, VT 05620-2901, 802-828-3481, spfister@agr.state.vt.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> X <b>NO</b>
<b>Where are copies obtained?</b>	USDA plant data base <a href="http://plants.usda.gov">http://plants.usda.gov</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <b>NO</b>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <b>DRAFT</b> X
<b>What is the legal regulatory status of the list?</b>	April 2002 Vermont passed Plant Quarantine Rule making it illegal to sell or transport certain invasive species
<b>List the top 3 invasive plant species problems in the state</b>	1. Japanese knotweed <i>Fallopia japonica</i> 2. Buckthorn <i>Rhamnus frangula</i> L. 3. Barberry <i>Berberis</i> L.
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	US Forest Service Japanese knotweed control
<b>List plants being controlled</b>	Japanese knotweed <i>Fallopia japonica</i>
<b>Reason for control</b>	Riparian habitat restoration
<b>Name the control methods used</b>	Mechanical, planting trees, and possible use of herbicides
<b>Funding source</b>	Federal grants
<b>Explain survey protocols used to inventory invasive plant populations</b>	US Forest Service
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.state.vt.us/agri/noxiousweeds">www.state.vt.us/agri/noxiousweeds</a> Vermont's Invasive Exotic Species Contact – TNC Rose Paul Director – 802-229-4425

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	West Virginia
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES X NO</b>
<b>Name of council</b>	West Virginia Invasive Species Working Group (WVISWG)
<b>Groups included (state, federal, non profit, etc.)</b>	Consortium of state and federal agencies, land grant university research and extension, other colleges and universities, industry organizations, and private organizations and individuals with an interest in the invasive species problem
<b>Coordinator (Name, address, phone, email)</b>	Gary B. Gibson, Director, West Virginia Department of Agriculture, 1900 Kanawha Boulevard, East Charleston, West Virginia 25305 phone: 304-558-2212, fax: 304-558-2458 ggibson@ag.state.wv.us
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	West Virginia Department of Agriculture. 2003. Regulations Governing the Distribution of Plant Material in West Virginia, WV Plant Pest Act , WV Noxious Weed Act
<b>Contact Person (Name, address, phone, email)</b>	Gary Gibson, Clark Haynes, and David Dick WV Department of Agriculture, Plant Industries, 1900 Kanawha Boulevard, East Charleston, West Virginia 25305, 304-558-2212 ggibson@ag.state.wv.us , ddick@ag.state.wv.us
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES X NO</b>
<b>Where are copies obtained?</b>	USDA, NRCS PLANTS Database <a href="http://plants.usda.gov/">http://plants.usda.gov/</a>
<b>Is the list officially accepted by the state?</b>	<b>YES x NO</b>
<b>Completed or in draft status?</b>	<b>COMPLETED DRAFT</b>
<b>What is the legal regulatory status of the list?</b>	The Noxious weed list is officially accepted, but there is not an accepted list of agreed-upon general invasive plants. The Noxious weed list is complete.
<b>List the top 3 invasive plant species problems in the state</b>	1. Multiflora rose <i>Rosa multiflora</i> 2. Tree of heaven <i>Ailanthus altissima</i> 3. Kudzu <i>Pueraria thumbergiana</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	<ul style="list-style-type: none"> <li>▪ Tree of heaven control project at Camp Dawson</li> <li>▪ There is a PurpleLoosestrife control project in Morgan Co.</li> <li>▪ Department of Agriculture -Purple Loosestrife biocontrol</li> <li>▪ Multiflora rose control project, Greenbrier County being</li> <li>▪ Conducted by the W. V. Assoc. of Conservation Districts.</li> <li>▪ The Mountain Institute (on Spruce Knob) is attempting to control autumn olive and Multi-flora rose using goats.</li> </ul>
<b>List plants being controlled</b>	Tree of heaven, Purple loosestrife, Autumn olive, and Multi-flora rose
<b>Reason for control</b>	Habitat and forest protection threatened and endangered plant protection, and farmland conservation.
<b>Name the control methods used</b>	Mechanical, herbicide, biological control
<b>Funding source</b>	State DNR and Federal
<b>Explain survey protocols used to inventory invasive plant populations</b>	WVDA method: 1) mapping a single point using GPS, 2) determine size of surveyed area using laser rangefinders, 3) recording percent cover of each targeted invasive species. Summer field scouts perform survey work for approx. 15-20 species, changing annually depending on results and concerns.
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	WV Department of Agriculture: <a href="http://www.wvagriculture.org">www.wvagriculture.org</a> ; WVDNR: <a href="http://www.wvdnr.gov">www.wvdnr.gov</a> ; WVU Extension, Pest Management – Weeds: <a href="http://www.wvu.edu/~agexten/ipm/weeds/index.htm">www.wvu.edu/~agexten/ipm/weeds/index.htm</a>

## INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ <b>STATE</b>	Wisconsin
▪ <b>DOES STATE HAVE AN INVASIVE SPECIES COUNCIL</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Name of council</b>	Invasive Plants Association of Wisconsin (IPAW), <a href="http://www.ipaw.org/">http://www.ipaw.org/</a> Midwestern Invasive Plant Network
<b>Groups included (state, federal, non profit, etc.)</b>	State and federal agencies, nonprofit groups, nurseries
<b>Coordinator (Name, address, phone, email)</b>	Nancy Barker, Invasive Plants Assn of Wisconsin P.O. Box 5274, Madison, WI 53705-0274, 608-251-8140, <a href="mailto:nbarker@tnc.org">nbarker@tnc.org</a>
▪ <b>NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY</b>	Wisconsin Department of Natural Resources (DNR) Wisconsin state statute, Act 109 <a href="http://www.legis.state.wis.us/rsb/stats.html">www.legis.state.wis.us/rsb/stats.html</a>
<b>Contact Person (Name, address, phone, email)</b>	Kelly Kerns, Wisconsin DNR, 101 S Webster St, PO Box 7921, Madison , WI 53705, 608-267-5066, <a href="mailto:Kelly.kerns@dnr.state.wis.us">Kelly.kerns@dnr.state.wis.us</a>
▪ <b>IS THERE A STATE INVASIVE PLANT LIST?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Where are copies obtained?</b>	<a href="http://www.ipaw.org">http://www.ipaw.org</a>
<b>Is the list officially accepted by the state?</b>	<b>YES</b> <input checked="" type="checkbox"/> <b>NO</b> <input type="checkbox"/>
<b>Completed or in draft status?</b>	<b>COMPLETED</b> <input checked="" type="checkbox"/> <b>DRAFT</b> <input type="checkbox"/>
<b>What is the legal regulatory status of the list?</b>	Yes but many problem plant species not addressed. Kelly Kerns of Wisconsin DNR lead proposals.
<b>List the top 3 invasive plant species problems in the state</b>	1. Buckthorn <i>Frangula P. Mill.</i> 2. Garlic mustard <i>Alliaria petiolata</i> (Bieb.) Cavara & Grande 3. Reed canary grass <i>Phalaris arundinacea L.</i>
▪ <b>LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE</b>	Bio control Projects Education, planning, research and policy development projects
<b>List plants being controlled</b>	Control projects are aimed toward: Purple loosestrife, Eurasian water milfoil, reed canary reed grass, garlic mustard, buckthorns, honeysuckle, knapweed, Canada thistle, and leafy spurge
<b>Reason for control</b>	Invasions of native plant communities, water recreation problems, forestry impacts, human health
<b>Name the control methods used</b>	Various methods. Biocontrol for purple loosestrife and water milfoil and less commonly for leafy spurge and knapweeds. Wisconsin is involved in biocontrol development projects headed by Cornell University for garlic mustard and Phragmites and by Minnesota DNR for buckthorn.
<b>Funding source</b>	Agencies, local non-profit groups
<b>Explain survey protocols used to inventory invasive plant populations</b>	Statewide inventory process is inconsistent. Projects encourage the use of NAWMA protocols. GLIFWC conducts surveys on tribal lands. USNF surveys parts of their area and state natural areas are being surveyed
▪ <b>PLACES TO CALL AND/OR WEBSITES</b>	<a href="http://www.ipaw.org">www.ipaw.org</a> , <a href="http://www.dnr.state.wi.us/org/land/er/invasive">www.dnr.state.wi.us/org/land/er/invasive</a> , <a href="http://www.dnr.state.wi.us/org/land/er/rare.htm">www.dnr.state.wi.us/org/land/er/rare.htm</a> , <a href="http://wiscino.doit.wisc.edu/herbarium/">http://wiscino.doit.wisc.edu/herbarium/</a> , <a href="http://www.glifwc.org/epicenter/">www/glifwc.org/epicenter/</a> , <a href="http://See.Cella.CHOW@wiscwetlands.org">http://See.Cella.CHOW@wiscwetlands.org</a>

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