



INVASIVE AND EXOTIC PLANT SPECIES

PLAYBOOK



INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	Indiana
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES X NO
Name of council	<i>Invasive Plant Species Assessment Working Group (IPSAWG)</i>
Groups included (state, federal, non profit, etc.)	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
Coordinator (Name, address, phone, email)	-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
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	Indiana Dept. of Natural Resources, Div. of Entomology & Plant Pathology, 402 W. Washington, Room W-290 Indianapolis, IN 46204
Contact Person (Name, address, phone, email)	Robert D. Waltz, State Entomologist, 402 W. Washington, Room W-290, Indianapolis, IN 46204, 317-232-4120, bwaltz@dnr.state.in.us
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES X NO
Where are copies obtained?	USDA plant data base http://plants.usda.gov
Is the list officially accepted by the state?	YES NO X
Completed or in draft status?	COMPLETED DRAFT X
What is the legal regulatory status of the list?	Some species such as loosestrife have state regulations governing them others use recommendations or may be prohibited or listed as noxious weeds
List the top 3 invasive plant species problems in the state	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>
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	Invasive Species Control Projects DNR and US Forest Service Grant "Invaders of the Heart Land", APHIS CAPS program
List plants being controlled	Kudzu, purple loosestrife, lonicera, red canary grass, buckthorn, garlic mustard (increased activity on Kudzu control)
Reason for control	Species are negatively affecting the ecotypic quality of Indiana natural areas
Name the control methods used	Mechanical and chemical controls. Biological controls would be considered if they were available
Funding source	Operational funds of the managing organizations and USDA Forest Service
Explain survey protocols used to inventory invasive plant populations	Surveys to access cover or site aggressiveness in natural areas. Some informal statewide inventories are being conducted
▪ PLACES TO CALL AND/OR WEBSITES	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

▪ STATE	Iowa
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES NO X
Name of council	<i>Ad hoc Invasive species Working Group</i>
Groups included (state, federal, non profit, etc.)	Seed Weed Commissioner, Iowa State University
Coordinator (Name, address, phone, email)	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
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	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
Contact Person (Name, address, phone, email)	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
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES x NO
Where are copies obtained?	USDA plant data base http://plants.usda.gov
Is the list officially accepted by the state?	YES x NO
Completed or in draft status?	COMPLETED x DRAFT
What is the legal regulatory status of the list?	Iowa Department of Agriculture
List the top 3 invasive plant species problems in the state	1. Garlic mustard <i>Alliaria petiolata</i> (Bieb.) Cavara & Grande 2. Honeysuckle <i>Anisacanthus</i> 3. Buckthorn <i>Fragula</i> P. Mill.
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	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
List plants being controlled	Garlic mustard, Honeysuckle, Buckthorn
Reason for control	To restore native ecosystems
Name the control methods used	Mechanical, chemical and considering biological
Funding source	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
Explain survey protocols used to inventory invasive plant populations	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.
▪ PLACES TO CALL AND/OR WEBSITES	www.forestry.iastate.edu/Invasive_Species/Invasive.html www.state.ia.us/forestry http://www.nemw.org/ansstatelaws.htm

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	Maryland
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES X NO
Name of council	Maryland Invasive Species Council (MISC)
Groups included (state, federal, non profit, etc.)	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
Coordinator (Name, address, phone, email)	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
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	Annotated Code of Maryland. 1994. Weed Control. State of Maryland.
Contact Person (Name, address, phone, email)	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
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES X NO
Where are copies obtained?	Maryland Invasive Species Council List: www.mdinvasivesp.org Maryland Noxious Weed List: www.mda.state.md.us/sc.p.ants-pest/plant_protection_Weed_mgmt/noxious_Weeds_md/index.php
Is the list officially accepted by the state? Completed or in draft status?	YES X (NOXIOUS WEED LIST) NO X – (M. I. S. C. LIST) COMPLETED DRAFT
What is the legal regulatory status of the list?	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
List the top 3 invasive plant species problems in the state	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.
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	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
List plants being controlled	ailanthus, multiflora rose, thistles, shattercane, Johnson grass, kudzu, mile-a-minute, garlic mustard, phragmites, Japanese siltgrass, Japanese knotweed, plus others as needed
Reason for control	Regulatory authority for multiflora rose, thistles, shattercane, Johnson grass; silviculture management for ailanthus, mile-a-minute, Japanese stiltgrass; habitat protection/restoration for all
Name the control methods used	Educational outreach, herbicides, biological control using insects
Funding source	County and state funded agencies, USDA FS, USDA APHIS, US Department of Transportation
Explain survey protocols used to inventory invasive plant populations	State and federal protocols
▪ PLACES TO CALL AND/OR WEBSITES	www.invasivespecies.gov , www.mdinvasivesp.org , mda.state.nd.us/plants-pests/plant_protection_weed_mgmt.index

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	Massachusetts
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES X NO
Name of council	Massachusetts Invasive Plant Advisory Group
Groups included (state, federal, non profit, etc.)	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.
Coordinator (Name, address, phone, email)	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
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	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).
Contact Persons (Name, address, phone, email)	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.
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES X NO
Where are copies obtained?	www.newfs.org; www.MNLA.org; www.nhesp.org;
Is the list officially accepted by the state? Completed or in draft status?	YES X (AT DEPT. LEVEL ONLY) NO COMPLETED X DRAFT
What is the legal regulatory status of the list?	No legal status for list and no state authority. <i>Trapa natans</i> (Water-chestnut) is regulated as are listed noxious weeds.
List the top 3 invasive plant species problems in the state	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>
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	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.
List plants being controlled	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.
Reason for control	Native habitat restoration; weed control in lakes, ponds, Rows
Name the control methods used	Manual, mechanical, biological, and herbicidal methods
Funding source	Federal, State and Private
Explain survey protocols used to inventory invasive plant populations	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.
▪ PLACES TO CALL AND/OR WEBSITES	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

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	Minnesota
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES X NO
Name of council	The Minnesota Invasive Species Advisory Council (MISAC)
Groups included (state, federal, non profit, etc.)	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.
Coordinator (Name, address, phone, email)	Jay Rendall (DNR), 651-297-1464 90 West Plato Boulevard, Saint Paul, Minnesota 5510
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	MN Department of Agriculture
Contact Person (Name, address, phone, email)	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
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES X NO
Where are copies obtained?	MISAC or USDA data base http://plants.usda.gov/cgi_bin/topics.cgi?earl=noxious.cgi http://forestry.msu.edu/mipc/UPweeds.htm
Is the list officially accepted by the state? Completed or in draft status?	YES NO COMPLETED DRAFT
What is the legal regulatory status of the list?	
List the top 3 invasive plant species problems in the state	1. Buckthorn <i>Rhamnus carthartica</i> 2. Teasel <i>Dipsacus fullonum</i> 3. Japanese knotweed <i>Polygonum cuspidatum</i>
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	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.
List plants being controlled	Grecian foxglove, Teasel, Japanese knotweed
Reason for control	To identify and control early start up populations to slow the spread.
Name the control methods used	Herbicides
Funding source	Each state agency generates funding for programs and grants
Explain survey protocols used to inventory invasive plant populations	Protocols are being developed at MDA
▪ PLACES TO CALL AND/OR WEBSITES	Arrest the Pest Hotline- 1-888-545-MOTH. www.mda.state.mn.us

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	New Jersey
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES X NO
Name of council	New Jersey Invasive Species Council (working on state plan)
Groups included (state, federal, non profit, etc.)	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
Coordinator (Name, address, phone, email)	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, carl.schulze@ag.state.nj.us
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	Department of Environmental Protection and Department of Agriculture
Contact Person (Name, address, phone, email)	bobcartica@dep.state.nj.us
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES NO X
Where are copies obtained?	http://www.state.nj.us/agriculture/plant/weedseed.htm
Is the list officially accepted by the state?	YES NO X
Completed or in draft status?	COMPLETED DRAFT
What is the legal regulatory status of the list?	Departments of Environmental Protection & Agriculture co-responsible for enforcement of E.O. 97 – 3/5/04
List the top 3 invasive plant species problems in the state	1. Japanese stilt grass <i>Polygonum perfoliatum L.</i> 2. Japanese barberry <i>Berberis thunbergii</i> 3. Garlic mustard <i>Alliaria petiolata</i>
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	<ul style="list-style-type: none"> ▪ Rearing loosestrife beetle for sale ▪ Garlic mustard study plots ▪ Mile-a-minute bio control Robert Chianese, Biocontrol Program, Div. of Plant Industry
List plants being controlled	<ul style="list-style-type: none"> ▪ Purple loosestrife seeds and plants prohibited ▪ Canada thistle
Reason for control	Habitat loss, fragmentation, permanent destruction
Name the control methods used	Bio control and inspection of hay, seed, nursery products Robert Chianese, 609-530-4192
Funding source	New Jersey State Agricultural, USDA Forest Service
Explain survey protocols used to inventory invasive plant populations	New Jersey State protocols
▪ PLACES TO CALL AND/OR WEBSITES	http://www.state.nj.us/dep/nj.gov/agriculture/biocontrol

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	Pennsylvania
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Name of council	The Pennsylvania Noxious Weed Task Force (PANWTF) Noxious Weed Control Committee, Governors IPC, Mid-Atlantic Exotic Pest Plant Council www.ma-eppc.org/
Groups included (state, federal, non profit, etc.)	State and federal agencies, universities, and private organizations. TNC, Penn State Weed Extension, Penn Ag Industries, Don Egan , garyclement@aphis.usda.gov
Coordinator (Name, address, phone, email)	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
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	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
Contact Person (Name, address, phone, email)	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 kvalley@state.pa.us
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Where are copies obtained?	USDA plant data base http://plants.usda.gov , Invasive Species.Gov http://www.agriculture.state.pa.us/plantindustry
Is the list officially accepted by the state?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Completed or in draft status?	COMPLETED <input type="checkbox"/> DRAFT <input checked="" type="checkbox"/> 13 SPECIES ON AG WEB SITE
What is the legal regulatory status of the list?	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
List the top 3 invasive plant species problems in the state	1. Kudzu <i>Pueria montana</i> 2. Giant hog weed <i>Heracleum mantegazzianum</i> 3. Goats-rue <i>Galega officinalis L.</i> (see invasivespecies.gov for listing)
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	Giant hogweed educational outreach program
List plants being controlled	Kudzu Giant hog weed – Mechanical with Roundup Goats rue
Reason for control	There is limited distribution in the state with major benefits to slow the spread. Kudzu movement north is a concern
Name the control methods used	Prefer Bio-control on listed plants
Funding source	USDA funding Hog weed control, APHIS Cost Share (Hog weed)
Explain survey protocols used to inventory invasive plant populations	Use data from herbarium survey, PA Natural Diversity Index-Survey. APHIS Goat Weed Survey Protocol
▪ PLACES TO CALL AND/OR WEBSITES	PA Plant Industry http://www.agriculture.state.pa.us/plantindustry Toll Free Giant Hogweed Hotline: 1 (877) 464-9333 PA Dept. of Conservation and Natural Resources www.dcnr.state.pa.us/forestry/wildplant/invasive.aspx

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	Rhode Island
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
Name of council	Rhode Island Invasive Species Council (RIISC)
Groups included (state, federal, non profit, etc.)	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.)
Coordinator (Name, address, phone, email)	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
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	State of Rhode Island-Natural Heritage Program www.uri.edu/ce/rihs/db_rinhp.htm
Contact Person (Name, address, phone, email)	Rick Enser, 401-22-2776 Ext. 4308 (Natural Heritage Program) Dennis Martin, Invader's, 401-222-2781 Ext. 4509
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Where are copies obtained?	Rhode Island Wild Plant Society www.riwps.org
Is the list officially accepted by the state?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Completed or in draft status?	COMPLETED <input type="checkbox"/> DRAFT <input type="checkbox"/>
What is the legal regulatory status of the list?	No legal status and no law
List the top 3 invasive plant species problems in the state	1. Oriental bittersweet <i>Celastrus orbiculatus</i> Thunb 2. Common reed <i>Phragmites australis</i> 3. Multiflora rose and Autumn olive
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	USFWS - Trust of Pond – Sachwest Point Refuge Suzanne Paton – 401-364-9124
List plants being controlled	Canada Thistle See List - IPANE
Reason for control	Habitat Restoration – preservation and protection of RI natives
Name the control methods used	Burning and selected herbicides
Funding source	Federal, RI AG Experiment Station, URI, Preservation and Protection of RI Native Plants and Habitat
Explain survey protocols used to inventory invasive plant populations	Air National Guard – Camp Fogarty Bio Blitz – Natural Heritage Program, Nature Serve RI Natural History Survey
▪ PLACES TO CALL AND/OR WEBSITES	Rhode Island Wild Plant Society: www.riwps.org Rhode Island Invasive Species Council www.rinhs.org www.newfs.org , New England Plant Conservation Program, Division of Forest Environment 401-647-1439

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

▪ STATE	West Virginia
▪ DOES STATE HAVE AN INVASIVE SPECIES COUNCIL	YES X NO
Name of council	West Virginia Invasive Species Working Group (WVISWG)
Groups included (state, federal, non profit, etc.)	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
Coordinator (Name, address, phone, email)	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
▪ NAME OF AGENCIES OR GROUPS RESPONSIBLE FOR INVASIVE PLANT REGULATORY AND LEGAL RESPONSIBILITY	West Virginia Department of Agriculture. 2003. Regulations Governing the Distribution of Plant Material in West Virginia, WV Plant Pest Act , WV Noxious Weed Act
Contact Person (Name, address, phone, email)	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
▪ IS THERE A STATE INVASIVE PLANT LIST?	YES X NO
Where are copies obtained?	USDA, NRCS PLANTS Database http://plants.usda.gov/
Is the list officially accepted by the state?	YES x NO
Completed or in draft status?	COMPLETED DRAFT
What is the legal regulatory status of the list?	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.
List the top 3 invasive plant species problems in the state	1. Multiflora rose <i>Rosa multiflora</i> 2. Tree of heaven <i>Ailanthus altissima</i> 3. Kudzu <i>Pueraria thumbergiana</i>
▪ LIST CURRENT INVASIVE PLANT CONTROL PROJECTS IN STATE	<ul style="list-style-type: none"> ▪ Tree of heaven control project at Camp Dawson ▪ There is a PurpleLoosestrife control project in Morgan Co. ▪ Department of Agriculture -Purple Loosestrife biocontrol ▪ Multiflora rose control project, Greenbrier County being ▪ Conducted by the W. V. Assoc. of Conservation Districts. ▪ The Mountain Institute (on Spruce Knob) is attempting to control autumn olive and Multi-flora rose using goats.
List plants being controlled	Tree of heaven, Purple loosestrife, Autumn olive, and Multi-flora rose
Reason for control	Habitat and forest protection threatened and endangered plant protection, and farmland conservation.
Name the control methods used	Mechanical, herbicide, biological control
Funding source	State DNR and Federal
Explain survey protocols used to inventory invasive plant populations	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.
▪ PLACES TO CALL AND/OR WEBSITES	WV Department of Agriculture: www.wvagriculture.org ; WVDNR: www.wvdnr.gov ; WVU Extension, Pest Management – Weeds: www.wvu.edu/~agexten/ipm/weeds/index.htm

INVASIVE AND EXOTIC PLANT SPECIES PLAYBOOK

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

The USDA is an equal opportunity provider and employer.