



Maryland Invasive Species Council
August 25, 2005
Maryland Department of Natural Resources
Annapolis, MD

Call to Order: ~9:45 a.m. Bob Tichenor

Additions to the agenda

None

Introductions

Dick Bean, MDA	Carol Jelich, MNPS
Carole Bergmann, MNCPPC	Sylvan Kaufman, Adkins Arboretum
Steve Bullington, USDA PPQ	Kerrie Kyde, MD DNR
Don Cober, SHA	Jonathan McKnight, MD DNR
Eric Duce, SHA	Fred Mann, USDA APHIS
Steve Early, MD DNR	Betty Marose, MCE
Chris Lockett, MDE	Bob Rabaglia, MDA
Anne Hairston-Strang, MD DNR	Pete Rupp, MDA
Ruth Hanessian, MAPI	Jil Swearingen, NPS
Lane Heimer, MDA	Sara Tangren, Chesapeake Native Nursery
Mike Hemming, Eastern Shore Nurseries, Inc.	AI Tasker, USDA
Carol Holko, MDA	Sara Tasker
Mike Hollins, Ecosystem Recovery Institute	Bob Tichenor, MDA
Larry Hurley, Behnke Nurseries	John Peter Thompson, NISAC, MNLA

Approval of Minutes

none. To be submitted

Membership

No activity.

Updates:

USDA - AI Tasker

- National Plant Board meeting August 7-11 - gave noxious weed update
- Noxious Weed Control and Eradication Act - no 2006 APHIS funding for matching grant program to date; use Plant Board regions as evaluation sites for weed management entities - concerns with tribal properties

PTI grant for purple loosestrife - Kerrie Kyde

- MISC is a \$9000 match
- recruit and train volunteers to recognize plant and report sitings - MDA, SHA, DNR will ground truth and evaluate treatment options
- contact Kerrie with sitings
- Two other PTI grants in Maryland - Ft. Meade and Patuxent, Baltimore Parks

Invader of the Month

- No August IOM, will combine July/August
- Kudzu/Soybean - September, Carol and Betty will write
- Carol will get "hits" report
- Coordinate with Anna Cherry, NISC for regional coordination, highlighting monthly invaders
- PA Invasive Species Council - Kerrie and Bob will provide information
- Carol will link species pages to corresponding IOM

- Candidates - summary attached - Appendix A, modified from Tichenor/Swearingen spreadsheet
- Include alternative plant choices for plant IOM template

Other news and updates

MDA

Dick Bean

Plum pox virus survey - backyard *Prunus* survey, all negative,
 Emerald ash borer survey - all negative, EAB research review meeting in September
 Lost Coast Firewood - shipped material from quarantine area, trace forwards ongoing
 Imported fire ant - six positive sites, 3 from last year, 3 new sites; treatments difficult in resorts, Tiki bars
 Brown marmorated sting bug - 24 experimental traps from Steve Bullington to be placed in MD
Viburnum leaf beetle movement

Lane Heimer

Giant hogweed - new infestations in Mountain Lake Park, Garrett County; local press coverage helped to locate infestations
 - sites include private property, day care, school, rights-of-way
 - probable skin burns on homeowners
 - Round-up not always effective, use Garlon
 - all sites treated - minor resistance from one homeowner

Carol Holko

Niger seed - Marginal crop imported from India, federal regulations require heat treatment to prevent introduction of viable noxious weed seed; 3 heat treatment facilities, MD, NJ, Singapore; quality assurance requires regular germination testing - tetrazolium chloride testing will now be required for 24-hour turnaround to minimize chance of viable weed seed being distributed
 Potato Wart - ongoing U. S. trade negotiations to ship chipping potatoes to Japan held up by golden nematode in NY and potato wart (fungal pathogen) in MD:
 1921 - state Quarantine in Allegheny County
 1986 - survey; non-viable spores detected
 1987-1992 - field assays yielded no warted potatoes
 Soybean rust - still watching, possible recent spore trap detection in VA
P. ramorum - slow, weird year, surveys ongoing, no new positives in Maryland
Alternanthera sessilis - on federal noxious weed list, Maryland had two events; can petition to take something off the list; original species listed by committee - no records available

DNR

Jonathan McKnight

\$720,000 grant - Maryland Landowner Incentive Program for management work on private lands for conservation of species at risk - invasive species component; posted on DNR Website, <http://www.dnr.state.md.us/wildlife/lip.asp>; 25% match can be in-kind services, etc.

Kerrie Kyde

Forest Pest Management Team project is underway - prioritize treatment needs, monitor results
Caulerpa Draft Management Plan - comments due September 16

Anne Hairston-Strang

Riparian Forest Buffer Design and Maintenance Guide available - please take some!

OTHER

Steve Early

Snakehead fish in @16 miles of the Potomac River, mostly on the VA side; juveniles up to 6-year-olds; fewer captured on MD side; anglers are most effective management tool; shipments intercepted from Thailand, marked as "bass"

Jil Swearingen

University of Wisconsin Press publication, *Invasive Plants of the Upper Midwest*, Elizabeth Czarapata, to purchase contact <http://www.wisc.edu/wisconsinpress/>

Kerrie Kyde

Exotic earthworms - facilitation of invasion due to exotic plant invasion or the other way around?
NJ DEP formed Invasive Species Council by Executive Order - developed draft management plan, CT, CO, FL also have plans - MISC needs management plan

Future meetings

October - invitation from Jonathan McKnight, DNR to visit field site - all day trip, Parker's Creek, Calvert County, 2500 acres under protection, nutria invasion, date TBD

December - Croyden Creek Nature Center

~Adjourn 12:30~

Respectfully submitted by:

Carol Holko, Recording Secretary

Appendix A. Invader of the Month Tables

MISC Invader of the Month News Releases

	2003	2004	2005
JAN	N/D	Pine shoot beetle	Nutria
FEB	N/D	English ivy	Lesser celandine
MAR	Hemlock wooly adelgid	Emerald ash borer	Bush honeysuckle
APR	Giant hogweed	Zebra mussel	Canada thistle
MAY	Garlic mustard	Plum pox virus	Mute swan
JUN	Mute swan	Water chestnut	Brown marmorated stink bug
JUL	N/D	Porcelainberry	Phragmites
AUG	Red imported fire ant	Sudden oak death	
SEP	Japanese stiltgrass	Giant African snails	
OCT	Asian Lady beetle	Mile-a-minute weed	
NOV	<i>Pryeria sinica</i>	Chrysanthemum white rust	
DEC	Oriental bittersweet	N/D	Starlings

(4 Plants, 5 Animals; 0 Diseases)

(4 Plants; 4 Animals; 3 Diseases)

Summary of Completed News Releases by Group 2003-2005

PLANTS	ANIMALS	DISEASES (PLANT PATHOGENS)
Bush honeysuckle	Asian lady beetle	Chrysanthemum white rust
Canada thistle	Brown marmorated stink bug	Plum pox virus
English ivy	Emerald ash borer	Sudden oak death
Giant hogweed	Giant African snails	
Garlic mustard	Hemlock wooly adelgid	
Japanese stiltgrass	Mute swan 1 & 2	
Lesser celandine	Nutria	
Mile-a-minute weed	Pine shoot beetle	
Oriental bittersweet	<i>Pryeria sinica</i>	
Phragmites	Red imported fire ant	
Porcelainberry	Zebra mussel	
Water chestnut		

Appendix A. Invader of the Month Tables

MISC Invader of the Month Nominations

(these species have been nominated but not yet used in news releases so are still under consideration)

PLANTS

Aquatic - Hydrilla

Herbs- Elaeagnus spp, Japanese hops, Lespedeza cuniata, Miscanthus, Purple loosestrife, Vinca

Shrubs- Japanese barberry, Multiflora rose, Wineberry

Trees- Callery pear, Norway maple, Sawtooth oak, Tree of heaven

Vines- English Ivy, Japanese honeysuckle, Kudzu

ANIMALS

Insects- Africanized honeybee, Asian long horned beetle, Black vine weevil, Gypsy moth, Oriental beetle, Six-spined bark beetle, Small hive beetle, Sirex noctilio, Wood wasps, yellow jackets (exotic)

Non-insect Invertebrates: Asian clam

Vertebrates: English sparrows, Northern snakehead, Resident Canada goose, Starlings

DISEASES

Hosta virus-X, Soybean rust

Appendix A. Invader of the Month Tables

MISC Invader of the Month Nominations													
<i>Upcoming Invaders</i>													
Nomination	Author?	J	F	M	A	M	J	J	A	S	O	N	D
2005													
Kudzu/Soybean Rust	Holko&Marose									X			
Resident Canada goose	McKnight										X		
Japanese honeysuckle	Kyde											X	
Starlings	Swearingen												X
2006													
English Sparrows	MckKnight			X	X	X							
Hosta Virus-X							X	X					
Wineberry								X	X				
Purple Loosestrife	Kyde (?)							X					
Japanese Hops									X	X			
exotic yellow jackets									X	X	X		
Ailanthus									X	X			
Japanese Barberry											X	X	
English Ivy													X
Recent Nominations - no specific timing													
Northern Snakehead fish	Hannessian-draft done												
Lespedeza cuniata													
Sirex noctilio	Bean												
Elaeagnus spp													
Vinca													

Appendix A. Invader of the Month Tables

MISC Invader of the Month				
Month	Invader of the Month New Release	Plant	Animal	Disease
2003				
January	N/D			
February	N/D			
March	Hemlock wooly adelgid		X	
April	Giant hogweed	X		
May	garlic mustard	X		
June	Mute swan		X	
July	N/D			
August	Red imported fire ant		X	
September	Japanese stiltgrass	X		
October	Asian Lady beetle		X	
November	Pryeria sinica		X	
December	Asian bittersweet	X		
		4	5	
2004				
January	Pine shoot beetle		X	
February	English Ivy	X		
March	Emerald Ash Borer		X	
April	Zebra Mussel		X	
May	Plum Pox virus			X
June	Asian Water Chestnut	X		
July	Porcelainberry	X		
August	Sudden Oak Death			X
September	Giant African Snails		X	
October	Mile-a-minute	X		
November	Chrysanthemum white rust			X
December	N/D			
	(4 Plnt.; 4 Anim.; 3 Dis.)		4	4
2005				
January	Nutria		X	
February	Lesser Celandine	X		
March	Bush Honeysuckle	X		
April	Canada Thistle	X		
May	Mute Swan			
June	Brown marmorated stink bug			
July	Phragmites			
August				
September	Kudzu/Soybean Rust	Holko&Marose		
October	Resident Canada goose	McKnight		
November	Japanese honeysuckle	Kyde		
December	Starlings	Swearingen		

Appendix A. Invader of the Month Tables

MISC Invader of the Month (cont.)				
2006				
Month	Invader of the Month New Release	Plant	Animal	Disease
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				
	Species in blue have been "elected" for a specific month and an author committed.			