

Maryland Invasive Species Council
Thursday, May 19, 2011
Maryland Department of Agriculture
Annapolis, Maryland 21401

Call to order: 9:36 am, Bob Trumbule, Facilitator

Introductions

Dick Bean, MDA

Carole Bergmann, M-NCPPC

Tim Culbreth, MDNR

Nevin Dawson, UME

Ruth Hanessian, MAPI

Anne Hairston-Strang, MDNR

Lane Heimer, MDA

Carol Holko, MDA

Carol Jelich, MNPS

Sylvan Kaufman, CCLC

Bill Klingelhofer, SHA

Wesley Knapp, MDNR

Deborah Landau, TNC

John Lawler, John Deere Landscapes

Mary Kay Malinowski, UME-HGIC

Bud Reaves, Anne Arundel County

Matt Salo, FLBC

Keith Sanderson, Guest

Jason Slack, John Deere Landscapes

Al Tasker, USDA APHIS PPQ

Bob Tatman, MDA

John Peter Thompson, MNLA

Bob Tichenor, USDA APHIS PPQ

Robert Trumbule, MDA

Gaye Williams, MDA

Kevin Wilsey, SHA

Jim Young, USDA APHIS Baltimore PPQ

Additions to the Agenda

None.

Approval of Minutes, March 2011 meeting

Motion to accept minutes. Motion seconded and passed.

Membership

The following attendees request membership. Will vote at next meeting attended:

Nevin Dawson, UME, Eastern Shore

John Lawler, John Deere Landscaping

Jason Slack, John Deere Landscaping

Kevin Wilsey, SHA

Jim Young attended second meeting. *Motion to accept for membership, seconded and passed.*

Carol Holko noted membership procedures are posted on web site, www.mdinvasivesp.org.

Mary Kay needs email addresses of new members to be added to the list serve.

Invader of the Month (IOTM) - Bud

IOTM for April, Live Bait, is posted

http://www.mdinvasivesp.org/invader_of_the_month.html

Mary Kay will remind Dave Clement about his IOTM, and also to send information to Bob Trumbule on 1000 canker and laurel wilt. AI Tasker will post URL for fact sheet on the list serve.

<u>Month</u>	<u>Invader</u>	<u>Writer</u>
June	Perilla	Marc Imlay (underway)
July	Rose Rosette Disease	Bob Trumbule
August	Oak Wilt	Dave Clement
September	Japanese Pagoda Tree	Kerrie Kyde
October	<i>Murdannia keisak</i>	Wes Knapp
November	Gold Spotted Oak Borer	Carol Holko
December		

MISC brochure and web site – Sylvan

Committee is working on descriptions for web site. John Peter and Marek will contact Carol H to see if more pictures can go on web site for species. Carol is working on fleshing out information and links. Need a volunteer to do layout for brochure to see how many species can fit. Dick will ask at MDA and Bud will ask at DNR. [Post-meeting note, an outside volunteer has been identified to do the layout.] About 20 new species will be added (some changes in name or status), one species removed. Committee is determining how many species will fit on new brochure. Web site will have complete, longer list with more description. Will click on short list when first land on web site, of regulated species. Second level of navigation will link to terrestrial and aquatic species. Anticipate list for web site will be done in 1 to 2 months.

Discussion of web site updating – Carol H. will update news and information on Website. Send her updates.

Thanks to committee for all the work done on the list.

Legislative update on HB 831 ISLE OF MISC – Carol Holko

Bill was passed and signed into law. Takes effect October 1, 2011. Will establish a plant advisory committee to first develop criteria and protocols for establishing Tier 1 (can't be traded or sold) and Tier 2 (longer list of plants that must have signage) plants. Regulation will establish what will be on the list and wording of signage. Sellers will have signage posted by plants; contractors will have to provide lists to clients. What might lists look like? Prohibition list will most likely be short, like noxious weed list; signage list probably longer. Process will be transparent. Ranking tools will be examined and one agreed upon, run plants through. Terrestrial species only, no aquatic.

Discussion of permitting process and enforcement. Inspectors already in nurseries, just another thing to look for.

Invasive Plant Advisory Council

Most likely nominations for committee will be solicited in October, when bill goes into effect, and groups will have an opportunity then to comment and recommend.

Agency Updates

MDA – Bob Trumbule, Carol Holko, Bob Tatman, Bob Tichenor, Dick Bean, Lane Heimer

- Carol H – Florida researcher studying Japanese blood grass. Why does it revert? MDA is sending flowering population samples. Let Carol know about populations in the state.
- Bob Tatman, Forest Pest Management -- Attended conference in Wisconsin, impressive Invasive species (IS) information. Brought handouts for review at meeting, including *Minnesota Forest Pest First Detector Manual* and *Wisconsin's Forestry Best Management Practices for Invasive Species*. Documents available at www.dnr.wi.gov/invasives/classification
- Bob also attended meeting in Ohio, where was noted Craigslist listing from Knoxville, TN of black walnut trees that had died, being offered for sale. So walnut could be spreading with woodworkers and carvers, perhaps that's how 1,000 canker disease got to Knoxville.
- Just concluded wooly adelgid control at Swallow Falls State Park, old growth hemlock, extremely important to protect. Treated 200 trees, one at a time. Successful due to DNR Park Service, MD Conservation Corps
- Gypsy moth – rain has caused lots of fungus to control moths. Doubtful will be fall increase due to weather.
- Bob Tichenor –Last year, no new candidates for bioweed control, first time in long time. Active project in Texas for Arundo.
- Dick B – looking for imported pests. Will do vineyard survey in MD at early to mid June. Imported fire ant detected in Easton in hardy palms, for a high end pool installation. Came from quarantine area in Florida. Will survive winter in MD. Typically in pots, not in ground. Large infestation in root balls. Federal quarantine violation. One shipment of B&B. Allowed nursery to treat with approved quarantine treatment; resolved. Will survey in June, 3 teams of 2 to hit all sites in Ocean City. Car washes and hotels in OC have palms, in addition to Tiki bars; getting to be ubiquitous.
- Emerald ash borer – first emergence was May 10, last year 10 days earlier, about time black locust blooming (474 degree days) – delayed by cooler spring weather. Statewide trapping, including Baltimore City -- 2550 traps out. Started collecting beetles in traps in trap trial but nowhere else, in Clinton and Waldorf, area of known infestation. Minimal chemical treatment with Safari, 1 year efficacy. Need 12 hour dry window for application, haven't had it. Triage is effective. Following up on numerous homeowner calls. Rearing EAB on tropical ash for parasitoid production, national program. Finding them away from release site. Field collecting adults, 50 an hour in Clinton.
- Lane - heavily into thistle season now, county crews conducting, slow due to weather. Based on revenues, no funds. Hogweed complaint in Garrett County.

MDNR – Anne Hairston-Strang, Tim Culbreth

- Anne – Snakehead and blue catfish both expanding range. Hired someone to do IS control on Chesapeake forest, lower eastern shore.
- Tim – will be summarizing data in central/western MD looking at IS presence; integrated MBSS riparian IS data, will be matching up the data. Will present to MISC when ready.
- Tim – Saturday is “National Walk in the Woods Day.” Eight parks are having walks. Organized in MD by MD Park Service.

APHIS – Jim Young, Al Tasker

- Jim prepared information sheet on five potentially harmful insect species recently intercepted: *Aeolesthes sorta* (City Longhorn) in Norfolk, VA; *Xylotrechus hircus* in Philadelphia, PA; *Gonioctena fornicate* (Lucerne leaf Beetle) in Baltimore, MD; *Eurydema ornate* (Red Cabbage bug) in Baltimore, MD; and *Bactrocera* sp. in Dulles, VA. Photos are on Bugwood. Jim posted document on MISC list serve.
- Al Tasker – 2011 funding tied up at OMB. Alligator weed biological control issue in SC, FL; Army Corps of Engineers will handle, subject to funding. Gary Smith, Al’s boss, retired last week. Q37 rule for category, paperwork issued, rule still pending to establish category, then comment on not-allowed-pest risk assessment list. Intern working on it.
- 2012 budget – weed control budget is zeroed out in 2012. Still have some funds for enforcing and regulatory program with user fees. Starting to work on 2013 budget; at least 10 percent reduction for every 2012 project, probably more reductions for 2013.
- 2010 Farm Bill still hung up, corrected to ask for CCC funding, but funding still not released so RFP for 2012 not issued yet, 2011 projects not started yet.
- QUAD US Canada, Australia, New Zealand – partnership working on weed tool kit. First project will be survey procedures, comparing among 4 countries.
- Employment opportunity – detail available for position in Ft Collins.

SHA – Bill K.

- Rain has delayed treatment.

UME – Nevin Dawson

- Brought a set of laminated cards for ID of forest pests and pathogens. So far EAB, ALB, oak wilt, 1,000 canker disease; hope to expand. Include UME web site and 800 phone number. Developed for loggers, foresters, etc. One-time funding through Extension. Hoping they do well and so can distribute on regional or national scale. MISC members can field test.

MAPI -- Ruth

- Proceeding with science cafes in Rockville, July 19 at Branded 72 restaurant on East Gude Drive. Invasive species in Rockville parks, Keith has put together a self-guided walk of invasive species, Carole B will present. Two events in June, about nanotechnology, 2nd on June 21. NASA looking at air columns over various cities, testing air over DC. Push own local jurisdictions to get involved, support from WGBH in Boston. More information available on NASA web site, Discover AQ. More info available on Rockville Science Center web site, www.rockvillesciencecenter.org.

M-NCPPC, Carole Bergmann

- Got some money back, will work with Lane. Prioritizing outreach to focus more on garden clubs and school groups. Will start new volunteer program, adding to Weed Warriors, called Forest Stewards. Weed warrior trained, then become stewards of replanted or restored forests, to maintain them. They will adopt area to monitor, replant, maintain, remove invasives, etc. Interest high.

TNC - Deb Landau

- Will be starting work days. Losing 2 IP staff, great workers if anyone hiring.

News and New Business

Tim Culbreth

“Wooden nickels” commemorate International Year of Forests, 2011. “Chesapeake Forests Protect.” See www.ForestryfortheBay.org. Tim handed some out of these 2” diameter wooden disks. Contact Tim at tculbreth@dnr.state.md.us for more nickels.

John Peter Thompson

- Brought copies of his book, *Feasibility of Audit-Based Certification to Prevent Invasive Plant Pests by the Horticulture Industry*. Industry understands it needs to have clean stock, but undetermined how to certify/clean.
- JPT was just appointed SITES standards steward for invasive species. USDA National Agriculture Library in Beltsville has subscription to foundationgrants.com; visitors can access on their computer and search for grants.

Gaye Williams

- Gay is insect taxonomist, runs the tax. lab at MDA. Seeking dead stinkbugs. Created limited edition BMSB tee shirts using photo by Will Hershberger of Nature Sounds and text, “I stink therefore I am.” On back – control mechanisms with chorus line of small dancing bugs. Cotton. Prairie dust color. Cost is \$12, (2x+, \$2 more). Sign up to buy them, prepaid only. She will order them. Cash or check only. Discussion of control: spray not effective, use a jar and trap them with soapy water. Diatomaceous earth works, but also damage other insects. An effective toy trap is being marketed to young backyard naturalists.
- Outreach strategy: A set of “Sillybandz” with EAB theme has been created and samples were handed out at the meeting. Set of 5 includes adult beetle, larva, "D", tree and baseball bat. Available through OSU Extension Lucas County. Contact Amy Stone, Extension Educator: Stone.91@cfaes.osu.edu; 419-578-6783.
<http://ashalert.osu.edu/news/summary.asp?id=640>

Bob Trumbule

- *Chrysothamnus* white rust on *chrysanthemum* brought in, distributed to club members and plant sales. Fungal disease, not known to be established in US. Plants were confiscated

from members and destroyed by protocol. Trace-forward complete, still doing perimeter survey and destruction of plant material, still treating as if can control. Following up and finding symptomatic plants in the landscape, looks like can overwinter if green host is nearby, e.g., protected by owners. Digging, destroying. Affects *Dendrathera*, e.g., cushion mums, Nippon daisy. Easily controlled with fungicide, could be controlled in production.

- Weevil release for mile-a-minute control is successful, movement of 6 miles of weevils from release site. Release results parallel DE and PA. Feeding damage and adults observed on 3" seedlings. 2nd or 3rd year, they're hammering. US FWS has released at Eastern Neck WMA, only site on eastern shore so far. Work supported by APHIS, MD Forest Service, and MD SHA. Contact Bob, will be released elsewhere as available. Criteria – first come first served; if it's a new county – already in Frederick, Howard, PG, Montgomery, Cecil. SHA gets first dibs on new sites. Sites preferred where you can get movement (near large roads, e.g.). Minimum patch size, need to be able to feed and overwinter, say 30x30'.

Sylvan

Adkins Arboretum is piloting a weed control program with goats. Sylvan and Nevin will lead tours of goat plots on June 2 and 4. Nevin is working on fact sheet. Talk of doing one in St Mary's city in September/October.

Bud

Will be spraying *Microstegium* in Jug Bay.

James, John Deere

They distribute landscape supplies. Have had meetings about EAB, sent email to find out where state is in controlling and educating. Had some success in NY where branches worked with local municipalities, triage system. Just trying to gather info on channels on who to talk to, maybe put on some seminars. Contact would be Bob Trumbule. Limited infestation right now, PG and Charles. When it moves larger, talk to Marian Honecny at DNR, Mike Raupp at UME.

Dick Bean

ARS can fund post-doc position for doing biocontrol of EAB in MD. Position advertised, though there are funding issues. Working with Paula Shrewsbury, UMD.

May Kay Malinoski – work with them to distribute invasive ID cards. Also will be putting in Spanish.

Nevin Dawson

Writes monthly column for Delmarva Farmer, growing number on invasives. Short, easy to read, contact him with ideas for topics.

Anything new on biocontrol of stiltgrass? No. Virus reported in WV again.

Thanks to Lane for hosting and for goodies!

Next Meeting – July 21, 2011. Host – Bud will host at Anne Arundel Heritage Office Complex on Riva Road in Annapolis. DNR (Anne Hairston-Strang and others) will bring goodies.

Adjourn – 11:50 a.m.

Respectfully submitted: Carol Jelich, Recording Secretary