

**Maryland Invasive Species Council
Maryland DNR
Annapolis, MD 21401
Thursday, November 15, 2012**

FINAL

Call to order

9:12 a.m. by Carol Holko, Acting Facilitator

Introductions

Dick Bean, MDA

Tim Culbreth, MDNR

Anne Goodman, Rockville NSN

Ann Hairston-Strang, MDNR

Ruth Hanessian, Md. Assoc. Pet Industries

Mike Hemming, Eastern Shore Nursery

Carol Holko, MDA

Marc Imlay, MNCPPC

Carol Jelich, MNPS

Sylvan Kaufman, CCLC

Jay Killian, MDNR

Kerrie Kyde, MDNR

Deborah Landau, TNC

Carolyn Puckett, Carroll County FCB

Bud Reaves, Anne Arundel County Forestry

Kim Rice, MDA

Matt Salo, Cheverly citizens

Mark Thurmond, APHIS PPQ

Bob Trumbule, MDA

Sarah Widman, MDNR

Jim Young, APHIS PPQ

Recognition of Dr. John Lydon

Carol Holko, Bob Trumbule and Kerrie Kyde attended a memorial service for Dr. Lydon, MISC Facilitator since 2008. Carol read a brief statement regarding Dr. Lydon's untimely death, and we shared a moment of silence. The statement will be posted on the web site and shared via other social media:

"MISC mourns the death and celebrates the life of Dr. John Lydon, our facilitator, colleague, and friend. His steady leadership, practical science, and good humor will be greatly missed."

Additions to the Agenda

No additions were made.

Approval of minutes

Motion made and seconded to approve July 19 minutes, as amended. Passed unanimously.

Motion made and seconded to approve September 20 minutes, as amended. Passed unanimously.

Membership

Mark Thurmond of APHIS PPQ attending first meeting and requests membership.

No other pending or requested memberships.

Damien Ossi has asked to be added to the list serve. Carol Jelich will notify Mary Kay Malinoski (done).

Carol Holko will check with Lane Heimer on his progress updating membership on web site.

Election of New MISC Facilitator

Carol Holko called for volunteers or nominations. Dick Bean volunteered and was nominated. A motion and second to appoint Dick Bean as Facilitator were made. Passed unanimously. Tenure will begin with January 2013 meeting.

Invader of the Month – Tim Culbreth, Bud Reaves
http://mdinvasivesp.org/invader_of_the_month.html

Tim Culbreth recruited authors for 2013 as follows:

| Month | IOTM 2013 | Author |
|-----------|------------------------------|---------------------------------------|
| January | Chronic wasting disease | Brian Eyler |
| February | Cernuella cissalpina | Dick Bean |
| March | Emerald Ash Borer Update | Dick Bean |
| April | Phythophthora ramorum update | Dick B, Kim Rice |
| May | Zebra mussel | Ron Klauda |
| June | Fire Ants | Kim Rice |
| July | Blue catfish | Jay Kilian, MDNR |
| August | Ravenna Grass | Jill Swearingen & John Peter Thompson |
| September | Verticilium wilt | Aaron Cook & Larry Maxim |
| October | Biocontrol 101 | Marc Imlay |
| November | Oriental bittersweet | Sylvan Kaufman |
| December | Drosophila suzukii | Stanton Gill |

Marc Imlay requested that members send him material including internet links as resource for his article on biocontrols.

Noted that oriental bittersweet may be hybridizing, MN has started regulating it.

Sponsorship of Jake Robinson for President's Environmental Youth Award
<http://www.epa.gov/education/docs/peyaapp.pdf>

Sylvan Kaufman brought this opportunity for recognition to attention of IPAC. The PEYA recognizes K-12 youth who have been environmentally active in their communities. Jake Robinson's concern about the lack of labeling of potentially invasive plants in retail centers led him to propose labeling legislation. In this effort, undertaken at the age of 7, he prompted MISC to complete its own invasive plant legislation. Jake testified on the MISC bill before the environmental committees of both the Maryland House of Delegates and the Senate.

Kerrie Kyde reviewed how the applicants are scored and sponsored, and some of the past qualifying projects. The signed application is due December 31, 2012. Motion that MISC sponsor Jake Robinson for this award, pending agreement of Jake and his father that it be done. Passed unanimously. Kerrie Kyde will write the application. Dick Bean will sign as MISC Facilitator.

Agency Updates

DNR

Jay Killian

Zebra mussel IOTM – DNR will go out and check in lower Susquehanna in December for evidence, weather permitting

Anne Hairston-Strang

Obtained grant to support a Coordinator for EAB response for two years, who will be in place by spring 2013. Will evaluate tree inventory, and work with a utilization committee for uses of dead trees, interact with planners at community level.

Tim Culbreth

Ten fact sheets on forest pests were delivered for use by foresters reviewing forestry stewardship plans. Copies provided to attendees. Common invasive pests and plants. Fact sheets will be provided with forest stewardship plan if the target species are found on a given property. Will be distributed in mail with stewardship plans to landowners. Golden bamboo, multiflora rose, oriental bittersweet, Japanese stiltgrass, EAB, Asian long-horned beetle, mile-a-minute, kudzu, gypsy moth, English ivy.

Kerrie Kyde

Participated as faculty for Critical Area training for county planners last week. Spoke on how to handle invasives in buffers. Received *Green Book for the Buffer* (prepared by Mary Owens at Critical Area Commission; copy circulated for review by attendees). Online version will be available on Critical Area Commission web site. Carol Jelich noted that the first book in the series, *Green Book for the Bay*, is still available from Adkins Arboretum. Forestry fact sheets should be sent to Mary Owens at Critical Area Commission, would be useful.

Marc Imlay wondered if climate change will require need to change species planted in rain gardens. Mike Hemming noted that mistletoe is now found north of Choptank River where before it was not, corresponding with USDA zone change. Bob Trumbule observed that on the Patuxent River there was major damage to slopes and docks from Hurricane Irene. Noted that landowners have cleared more buffer area on Anne Arundel side, where there is more residential land, than on Prince George's side, where there is more agricultural or wild land.

Verticillium wilt, previously in PA and VA, has now been found killing *Ailanthus altissima* in Allegany County. It was identified by the Penn State lab as *V. dahliae*, the less virulent of the two species that affect *Ailanthus*, but foresters report that it is doing a GREAT job. Marc Imlay noted that *Ailanthus* has been eradicated in Prince Georges County parks, so that native species can now recolonize.

MDE

Not present, no report

SHA

Not present, no report

MDA

Dick Bean

They will be hiring a plant disease specialist, so that diseased tissue samples can be identified in-house rather than sending them all to the University of Maryland Plant Diagnostic Lab. Federal funding to cover EAB work (survey, regulation, outreach/education, research) has been severely reduced. Decisions on how to allocate are to be made. Hope to continue trapping on eastern shore outside the current quarantine zone but there may be fewer traps.

Kim Rice

Fire ant survey completed, negative. EAB survey done. Scouting of infested trees underway to harvest insects for lab use.

Working on Farm Bill submission. Will submit for survey work to be done for indigenous pests on soybean, honeybee, tree fruit and tomatoes. Early detection. Carol Holko noted that Section 10201, pest management, of the Farm Bill has funding in perpetuity.

Bob Trumbule

Partners met for forest stewardship meeting last week, working on remote sensing of EAB. MDA will be included in future work. See if they can distinguish ash trees, then if they can determine health of trees. Will need ground truthing. Cool tools.

Mile-a-minute is now established on Meadow Mountain in Allegany County. Will be tracking first releases of Mile a Minute (MoM) weevil, to be done in 2013. Will work with DNR/landowners on release in Garrett County.

Western Maryland Christmas tree farm inspections. Heavy snow on Allegheny Plateau and west had impacts – seems trees with leaves blew in wind and shed snow, did better than leafless trees. Lots of Xmas trees lost, will see if insect populations soar over next couple of years. Pine shoot beetles found but no longer surveying though quarantine still in effect.

Carol Holko

MDA has 15,000 Garrett County acreage to qualify, also Calvert, St Mary's for gypsy moth spraying if Maryland Forest Service and counties will share the cost. They are working on a draft enviro impact statement. Discussion of pesticide, Mimic vs Merit. Bt may be used again.

IPAC is meeting each month. Oct 1 was the deadline for developing regulations for choosing a risk assessment tool; we chose the APHIS Weed Risk Assessment. Regs written and submitted (published November 16. IPAC is working on MD filter, will apply to all plants that are assessed as high risk of being or becoming invasive. By Oct 1, 2013, build list of Tier 1 and Tier 2 plants. Regs will be published in Maryland Register, and comment period will open. Carol Holko will send link to the list serve. No fiscal impact at this stage. Next year, when list is published, will probably be more comments than this year.

Carol Holko attended meeting of Eastern Plant Board. This is North Atlantic plant protection organization, which facilitates trade, monitors international regulations, develops regulatory standards for phytosanitary measures.

APHIS

Jim Young

Passed out list of recent pests intercepted in the Mid-Atlantic: *Brachytarsus* sp possibly *zeae*, (an Anthribid); *Simpulopsis* sp. (snail); *Anastrepha ludens* (Mexican Fruit fly); *Oncometopis* sp (Sharpshooter); a mix of *Rhyarochomids*; *Nemopogon granella* (European Grain Moth). Local film crew did a story on their work. Jim circulated online story: myfoxdc.com/story/20058202/pest-invaders-causing...

Dick Bean

Low-impact species on pest assessment list are being evaluated to see if we should continue monitoring them. APHIS is working on program to prevent pests in ports of states that list the pests.

Mark Thurmond

APHIS PPQ reorganization is underway. Main office has moved from Riverdale to Raleigh, NC. Marc Imlay suggested that Congressional representatives be contacted regarding

restoration of federal research budget. Send Marc Senate contact suggestions for Sierra Club to contact.

News and New Business (Max. 10 minutes/person)

Marc Imlay

Marc noted effect of climate change on invasives such as beefsteak plant. Five years ago, it could be cleared from an area and not return. Now, it can be found reproducing on very young, small plants. Reemergence used to be about 20 percent of original infestation; now, it's 100 percent and a third removal treatment is needed. Need to plan for more efforts. Deer seem to be the issue.

Re the Biocontrols IOTM, suggest moving it to October so that updates from the UDel Biocontrol workshop Marc is attending can be included. This is the annual meeting that Judy Hough-Goldstein holds, February 19th at the New Jersey Department of Agriculture, and this year will include presentations on garlic mustard and three other species. MISC members requested to send Marc ideas for funding sources for biocontrol. John Lydon was working on native biocontrol control on stiltgrass. If you find diseased samples, please send them to Lydon's colleagues at BARC.

Dick Bean

Bob Tatman reports that Verticillium wilt samples are being tested at Penn State.

Bud Reaves

Chalara fraxinea, Ash decline, is a fungal pathogen on ash reported from England, but not present in US. Pathogen is wind-spread and akin to chestnut blight in potential damage. Growers are suing government for slow response to protecting their stock; Britain is considering establishing a quarantine. Mike Hemming noted that he will never plant another ash tree.

EAB management plan has been submitted to the Anne Arundel County Council for approval.

Kerrie Kyde/Carol Holko

More on weed risk assessments. They will not be state-specific, but APHIS and Maryland's IPAC are trying to coordinate with other state members of Plant Board on species of interest to assess. There is lots of interest. IPAC and MDA are looking for funding for a person to run the WRAs under Plant Board sponsorship. Other uses of WRA, such as fact sheet, could provide broader funding base. UMD to hold staff position under direction of Tony Koop.

Deb Landau

New infestation of hemlock wooly adelgid in Garrett County found before Hurricane Sandy on TNC preserve land at Cranesville Swamp, which includes the second largest hemlock in the state. HWA has never been found here before. Need funding to treat 1500 acres. Suggestions need – donations? Agency partner? Area is surrounded by state forest. She is in touch with Bob Tatman, VA Tech, maybe form partnership under DNR grant. Kerrie Kyde and Anne Hairston-Strang may be able to provide funds for chemical under their USDA Forest Service grant, but not for application. Will discuss and arrange if possible.

Matt Salo

He can offer anecdotal support to climate change increasing invasiveness. Please let him know of research that supports this. Dick Bean noted ARS scientist Lew Ziska's poison ivy research in conjunction with Duke University. Suggested using the internet to find,

searching on "increased Co2 level and plant growth." Sylvan Kaufman noted that the European strain does better than the native strain. Recommended that John Peter Thompson be contacted for other leads on research.

Ruth Hanessian

Cornell student partnered with National Geographic photographer Tim Lehman to produce a video on all the living birds of paradise. There are 39 species of these corvids, which are not endangered because they are so difficult to find and reach (yeah!). The video will air on Thanksgiving night at 10 pm on Nat Geo channel.

Anne Goodman

We are revising the guidelines for planting for historic landscapes to substitute non-invasives for listed invasive plants. VA Extension has a list of species that were in use as landscape plants in 1860, and suggests callery pear as a plant to grow under walnuts. There may be many such historic lists that contain potentially problematic plants. Mike Hemming: have seen a list of so-called American native plants that included Norway maple. Carolyn Puckett: popular gardening magazines are still recommending non-native invasives such as barberry.

Next Meeting

January 17, 2013. Kim Rice will do snacks. Volunteers needed for hosting and refreshments. (Meeting moved to 1/16/13 due to lack of meeting space at MDA on the 17th.)

Adjourn

Carol Holko adjourned the meeting at 11:16 a.m.

Respectfully submitted,

Carol Jelich and Kerrie Kyde, in a tag-team effort.