

Maryland Invasive Species Council  
**Thursday, November 17, 2011**  
USDA-ARS, National Agricultural Library  
Beltsville, MD

Call to order 9:30 a.m. John Lydon, Facilitator

Introductions

David Clement, UME

Tim Culbreth, MDNR

Anne Goodman, Guest

Mike Hemming, Eastern Shore Nurseries

Ruth Hannessian, Md. Assoc. of Pet Industries

Anne Hairston-Strang, MDNR

Marc Imlay, MNCPPC

Alice Imlay, Guest

Carol Jelich, MNPS

Sylvan Kaufman, CCLC

Michael Kenney, USDA APHIS PPQ

Jay Kilian, MDNR

William Klingelhofer, MDT SHA

Wesley Knapp, MDNR

Kerrie Kyde, MDNR

Deborah Landau, The Nature Conservancy

John Lydon, USDA ARS

Mary Kay Malinoski, UME

Betty Marose, USDA ARS

Jorge A. Bogantes Montero, Anacostia

Watershed Society

Susan J. O'Toole USDA APHIS PPQ

Karen Rane, UMD Plant Diagnostic Lab

Earl "Bud" Reaves, AA County

Matt Salo, FLBC

Ian Spotts, MDE

Alan Tasker, USDA APHIS

John Peter Thompson, MNLA, NARA

Bob Tichenor, USDA APHIS PPQ

Robert Trumbule, MDA

James Young, APHIS PPQ Baltimore

Additions to the Agenda

Short report on programs for future meetings (Kerrie K).

Approval of minutes, September meeting

*Motion to approve minutes as amended. Motion seconded and approved.*

Membership

Attendees requesting membership: Michael Kenney and Karen Rane. Will be voted on at next meeting each attends. Betty Marose was welcomed back, new affiliation at USDA ARS. Did not apply for membership at this time. Attendees should review their membership status at [www.mdinvasivesp.org/active\\_members.html](http://www.mdinvasivesp.org/active_members.html)

Presentation -- Al Tasker

*PPQ Weed Risk Assessment process: where does it fit in APHIS regulatory decision-making?*

**NPAG:**

- The New Pest Advisory Group (NPAG) is a part of USDA, APHIS, PPQ evaluation/decision-making process. Members drawn from governmental agencies, academic institutions and NGO's. They assess all taxa of exotic plant pests and pest plant introductions. Formal operational process from notification to control.
- As an Early Detection Rapid Response (EDRR) decision process, NPAG may be viewed as divided into five domains: Awareness, Prevention, Preparedness, Response and Recovery.

- Rapid response could be at federal, state or local level. The only way to get information is post-release monitoring of control programs. This is challenge -- hard to get funding when can't provide data on effectiveness. With new responsibility of biocontrol, expect to be conducting more monitoring.

**NAPPRA:**

- NAPPRA (Not Authorized Pending Pest Risk Analysis) is a new category of regulated articles governing the importation of nursery stock, aka "plants for planting." Establishes scope of regulation. NAPPRA list will increase the number of plant taxa regulated as potentially invasive. Demand for weed risk assessment (WRA) will increase.
- NAPPRA data sheet is primary difference between NAPPRA and WRA.
- NAPPRA posted in Federal Register. 2 approaches possible – all taxa not yet in US; or only potentially invasive taxa. 288 taxa in phase 1. 41 species are currently on first NAPPRA list of candidates for quarantine pest plants – these are clearly quarantine pests, not known in trade. Comment period extended due to concerns in trade. 110 in phase 2 – thought to have been in trade at one time – won't happen right away. Can be seen as de facto regulation, since restricts plant till it's proven not a risk.

**WRA:**

- "Risk" is a function of consequence and likelihood. Risk does not equal invasiveness – invasiveness only part of the issue, also consider habitat suitability; reproductive and spread potential; economic effects; environmental effects (including human health impacts).
- Spectrum of information available on different species impacts decision-making. Example: abundant literature available on Asian rice weeds, little on *Pinus*.
- If it's a pest host, might need to do pathway analysis. If a quarantine pest, requestor would have to pay for research.
- Typically decision to regulate based on distribution and on state action. If only a few states, would need strong case to regulate. If states not doing anything, Fed will not. Example: *Lygodium japonicum*. Most APHIS programs depend on states. Since there are no longer funding agreements, resources not available to do the work. Historically, APHIS programs are a hybrid between state-driven authority, and Federal activities. New WRA system based on Australian system of questions, applied to test suite of species of known and unknown origin. Did the question contribute to the knowledge, or was it impossible to answer? Stripped to minimum dataset to make decision, about 26 questions. Easy to use.
- There are 3 categories of federal noxious weeds: 55 taxa clearly quarantine. Others that are mixed bag. About 20 that are grandfathered – go back to 1980s, were regulated less stringently. Example: hydrilla. Witchweed was regulated in 1957.
- Question -- What constitutes urgent situation? If it comes in, will cause catastrophic situation. Since weeds can take up to 30 years to become a problem, emergency criteria generally won't apply to plants.
- Question – how easy /difficult is it to de-regulate? NAPPRA would be easier, just post notice to de-list. Weed list, there is process, can petition to regulate or de-regulate, then risk assessment process. To do a reverse assessment process, on a currently listed weed will be more work.
- Question -- Ever list entire genera? Yes, parasitics are in special class, both plant pests and pest plants.
- Another initiative – Feb 29th, session sponsored by FICMNEW in DC. Facilitated discussion to come up with document discussing issue of prevention.
- [http://www.aphis.usda.gov/import\\_export/plants/plant\\_imports/Q37/nappra/index.shtml](http://www.aphis.usda.gov/import_export/plants/plant_imports/Q37/nappra/index.shtml)

Invader of the Month – Bud Reaves

November - Gold Spotted Oak Borer, Carol Holko

December - White nose bat syndrome, Dan Feller/Dana Limpert

Suggestions for 2012 lotM

Suggested topic	Suggested author	Possible month
<i>Kalopanax septemlobus</i>	Matt Salo – send him available information - <a href="mailto:mtsalo1@gmail.com">mtsalo1@gmail.com</a>	January
<i>Ficaria verna</i> (formerly <i>Ranunculus ficaria</i> )	Wes Knapp	March
<i>Cylindrocladium buxicola</i> , boxwood blight (new in VA, NC, CT), fungal blight on twigs	Karen Rane	May
Zebra mussel/didymo/clean boats	Jay Kilian	June
Target teacher release of critters – do not release: don't buy, else dispose of properly. (do fact sheet for Kids' Day at NISAW in Feb?)	Ruth Hannessian, collaboration with DNR staff	August
Wise pesticide use/ IPM	John Peter Thompson could collaborate	
<i>Hedera hibernica</i>	Wes Knapp	
Kudzu bug	Mary Kay Malinoski	
<i>Cerutuella cisalpine</i> (snail)	Jim Young	
Japanese cedar longhorned beetle (new in MD)	Bob Trumbule	
Chronic wasting disease	DNR staff	

Other discussion:

- *Toona* – candidate for fact sheet. Pass information along to Kerrie K and Al T for possible assessment.
- Mile a minute (MaM) vine weevil – put it out under lotM as a good-news story. Kelsey Branch of APHIS could collaborate with Bob Trumbule to write. John Peter T is finishing up Forest Service contract on MaM weed.
- Indiana University doing research on *Bipolaris sorokiniana*, a corn pathogen, so caution needed in writing about *Bipolaris* on stiltgrass.
- Discussion of whether to expand beyond lotM into other products? Decision is to keep lotM, a recognized brand, as a one-pager useful for media, but expand concepts, e.g., good news stories, pesticide IPM. MDA has received compliments from Wisconsin on lotM product.
- Bud will post to the list serve: web site link to archives of all past lotM, and 2012 draft list for more volunteer authors and corrections.

MISC Plant List and Brochure – Sylvan Kaufman

Designer has provided rough draft of brochure. Committee members will review and decide on format. Species photographs are complete, but could use some pictures of people in the field working on invasive plants. Send photos to Sylvan.

HB831 – Kerrie Kyde

Members want to know status of Invasive Plant Advisory Council. Kerrie Kyde reported that letters are being prepared and will go out to potential candidates for the Council. Members could be appointed by year end, with first meeting in January.

Agency Updates

Maryland Department of Agriculture – Bob Trumbule

- With Carol Holko's promotion to Assistant Secretary of Agriculture, Dick Bean has been appointed head of Plant Protection and Weed Management. Kim Rice will manage EAB program.

- Still pursuing chrysanthemum white rust in Montgomery County. Japanese cedar longhorned beetle detected in Anne Arundel County, conducting delimiting survey.

#### Maryland Department of Natural Resources - Kerrie Kyde, Anne Hairston-Strang

- Kerrie K – Invasive Species Matrix Team (ISM Team) is moving to approach educational institutions with letter opening discussion of raising critters in the classroom. Last ISM Team meeting was with No Child Left Inside team, looking at helping to produce curricula meeting new legally-mandated environmental literacy criteria.
- Zebra mussel (ZM) found in Sassafras River, most likely from fresh water coming down Susquehanna. Survey of Sassafras, Northeast and Elk has not detected any other ZMs.
- Anne H-S – working on long term response plan for EAB. Members should contact Anne if they want to be on the planning team. Draft by January, will run by ISM Team and MISC for review. Plan will cover both rural and urban forests. Looking for grant funding for design process. Urban inventory for outreach to communities to help them plan for demise or treatment of ash trees. Working with Heritage staff. Ash widely distributed, more vulnerable in a few places.
- Forest landowner fact sheet drafts are available, with distribution planned for early next year. Anyone who wants to review should contact Anne.

#### Maryland Department of Environment – no report

#### University of Maryland Extension – Mary Kay Malinoski, Karen Rane

- Mary Kay M – Got a grant to work on outreach, look at recording via smart phone, how to get communities to prepare for invasive species. Basing educational program on EDRR system. EAB is pilot project, and then can use that methodology for other pests (1000 canker, Asian longhorn). Goal is to expand to northeast regional /mid-Atlantic project. Bugwood bought “What’s Invasive” and they are building invasive species reporting apps. They are just finished building for FL. MD is looking at pricing for producing apps. For example, could support EAB survey west of the Bay. Triage ID photos, ability to report location data to database using cloud or other online storage technology so all can access.
- Karen R – Chrysanthemum white rust in Montgomery. It’s controllable with fungicides. Difficult to survey due to long latency time for infected cuttings – infected in April/May, signs in Sept./Oct. Deforms but does not kill plants, but plants are used for shows so appearance important. Noted that hobbyists have been cooperative in destroying infected plants to help control disease. Disease can only survive on living obligate host.

#### Maryland State Highways Administration – Bill Klingelhofer

- Limited-mow policy has resulted in more weeds propagating, not a surprise. Thistle work has been conducted in fall for seed head suppression, and will do again in spring. Next fall should have documentation on effectiveness of thistle control. Invasive woodies being treated in some areas.
- Funds cut for large conferences, but conducting local training workshops in lieu. May need help with speakers.
- Wetland mitigation sites are not always connected to highways, and many have been neglected for invasive control. Putting together plans to control invasive species in wetlands; will be out in the spring.
- Question – is SHA treating Callery pear in Howard County? They are working on it, does invade heavily and difficult to treat. Aristocrat and Cleveland select cultivars are still in the trade, but taken off SHA planting list. Montgomery and PG counties have removed Callery pear from recommended planting lists.

### USDA APHIS – Al Tasker

- Biocontrol technical advisory group working on ailanthus, toadflax, garlic mustard.
- Still working on finding funding for herbarium survey. Envisioned as a pilot DC area survey. Idea is to visit herbariums to see if any prioritized Fed noxious weeds are in the collections. Mid 1990s, Randy Westbrook did nationwide herbarium survey. Hoping to do pilot project with sponsorship from Weed Science Society.
- National Invasive Species Awareness Week is Feb 26 to March 2, 2012, in D.C. Al is seeking help with Kids' Day on Sunday, February 26, at US Botanic Garden. He is seeking both materials and volunteers to participate on the day. Bonnie Harper Lore has kids writing a game. Coloring books are passé, need apps. Poster is on Al's web site:  
[www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/weeds/downloads/NISAW\\_poster\\_2012.pdf](http://www.aphis.usda.gov/plant_health/plant_pest_info/weeds/downloads/NISAW_poster_2012.pdf) Also see [www.NISAW.org](http://www.NISAW.org) for updates on activities.
- Seeking suggestions for projects to fund in 2012. Ideas should be related to small crops or horticulture.

### USDA ARS – John Lydon

- 2012 funding less than 2011; 2013 may be worse. Closing 12 labs. Beltsville flat. May close lab in TX, AK. *Arundo* work will continue. Getting some funding from Dept. of Homeland Security.

### News and New Business

Jim Young

Circulated a NPDN Pest Alert about boxwood blight, and a list of pests recently intercepted in the Mid-Atlantic: sunflower seed bug, *Thrips major*, *Frankliniella schultzei*, snails in the *Macrochlamys* genus; stinkbug *Aelia acuminata*, and Khapra beetle. Will send handouts to list serve.

Kerrie Kyde

Reported results of poll preferences for speakers and field trips. Most interest is in Matt Kasson from Penn State on Ailanthus research with natively-occurring Verticillium wilt. Kerrie will check for January or March. Second highest preference is for a spring field trip to see Brian Knox's goats. Sylvan Kaufman noted that Adkins Arboretum is planning for a goat herd on site, and also has MaM with weevil damage. Adkins could be a field trip destination next summer. Al T suggested a field trip to view sites where MaM has been impacted by biocontrol; could be in Beltsville.

Marc Imlay

Reported on a field trip in Charles County conducted at MNPS fall conference. In Swann Park, where much invasive plant removal has been done, many native plants were seen, with little stiltgrass remaining. However, on an adjacent trail through a community with no invasive control, there were no native plants seen. This demonstrated the value/benefit to local ecosystem of removing invasive plants.

John Peter Thompson

Reappointed to US National Invasive Species Council, Invasive Species Advisory Committee. See <http://www.invasivespecies.gov/index.html>

Conducting a homeowner pesticide course based on applicators' manual: "Responsible Pesticide Use including Alternatives," on November 19, 2011 9 am - 1 pm at Prince George's Community College - Westphalia Campus. For further information see <http://ipetrus.blogspot.com/>

AI Tasker

Develop various outreach and educational projects regarding weed programs, including support of educational programs through FICMNEW agencies and non-federal stakeholders.

- Developed plan for posting factsheets to APHIS Hungry Pest website (will provide link to WSSA when posted) website: <http://www.aphis.usda.gov/hungrypests/>. Submitted for posting a short list of FNW factsheets 'Dirty Dozen' Federal Noxious Weeds (see table handed out below) for posting on APHIS Hungry Pest.
- Coordinated plans for National Invasive Species Awareness Week Kid's Day Feb 26 2012, FICMNEW sponsored session on Invasive Prevention strategies brainstorming at Wed Feb 29 NISAW, and Urban pest management session.
- Developed with Jim Westwood Weed Science articles related to Parasitic Plant symposium. [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/weeds/weed\\_conference.shtml](http://www.aphis.usda.gov/plant_health/plant_pest_info/weeds/weed_conference.shtml). Expected publication for the parasitic weed symposium is going to be in Weed Science, Volume 60, Issue 2.
- Contributed to Invasive Spp. Invasive Plant Management Issues and Challenges in the United States: 2011 Overview: ACS Symposium Series, Vol. 1073 Publication Date (Web): September 16, 2011  
Tasker, Alan V. 2011. Length of Lag Phase and Additional Factors Related to Introduction and Early Spread of Invasive Plants: A Regulator's View. Chapter 21, pp 245-256  
Iverson, Richard D., Randy G. Westbrooks, Robert E. Eplee, Alan V. Tasker. 2011. **Overview and Status of the Witchweed (*Striga asiatica*) Eradication Program in the Carolinas**. Chapter 6, pp 51–68.  
Westbrooks, Randy G., Alan V. Tasker. **2011 Overview of Prohibited and Permitted Plant Regulatory Listing Systems**. Chapter 2, pp 19–28.

Next Meeting – January 19, 2012. Host – Bud Reaves will host at Anne Arundel Heritage Office Complex on Riva Road in Annapolis. Carol Jelich will help with refreshments.

Adjourn 12:10 p.m.

Respectfully submitted, Carol Jelich, Recording Secretary