

MARYLAND INVASIVE SPECIES COUNCIL
June 24, 2004
Maryland Department of Agriculture
Annapolis Maryland

Minutes

Call to Order - Bob Tichenor

Additions to the agenda
none

Introductions

Dick Bean, MDA
Carole Bergmann, M-NCPPC, MNPS, MAEPPC
Dave Clement, MCE HGIC
Ruth Hanessian, MAPI
Michael Hemming, Eastern Shore Nurseries, Inc.
Carol Holko, MDA
Mike Hollins, Ecosystem Recovery Institute
Larry Hurley, Behnke Nurseries
Carol Jelich, MNPS
Sylvan Kaufman, Adkins Arboretum

Kerrie Kyde, USDA ARS, MA-EPPC
*Karen Long, MCE
Katherine McCarthy, MD DNR
Mary Kay Malinoski, MCE HGIC
Ellen Nibali, MCE HGIC
*Dr. Kristin Saltonstall, UMD
Jil Swearingen, NPS
John Peter Thompson, MNLA
Bob Tichenor, MDA
Bob Trumbule, MDA

* indicates new attendee

Memberships

Motion to accept Mike Hollins, Mike Hemming as voting members. Seconded and passed.

Approval of Minutes from April 15, 2004

Sylvan Kaufman should be listed for follow up on Serician lespideza. Approved as corrected.

Presentation: *Phragmites: Alien and Native.* Dr. Kristin Saltonstall, University of Maryland, Center for Environment and Estuarine Studies

- Soil core samples of rhizomes indicate *Phragmites* common in North America at least 4000 years ago along both coasts; grew in mixed communities; rare in 1800's; by 1975 present in 48 lower states
- Chloroplast DNA research: Invasive haplotype displaced native in northeast by 1940, probably introduced on Atlantic coast through human pathways
- Nuclear DNA data also supports conclusions
- No apparent hybridization between native and invasive species
- Native type mostly gone from northeast, except in Delmarva
- Identification of native v. invasive type - characteristics not definitive, need to ID using combination of characters

Native

ligule length 1-1.7 mm
glume at base of floret 3.5-6.5 mm. usually >4
stands less dense
stems mostly red
sheaths missing, yellow appearing or loosely attached
black fungal dots, late summer
stems smoother, thinner on live and dead stems
leaves more yellowish (very subjective)

Invasive

ligule length 0.4-0.9 mm.
glume at base of floret 2.5-4.0. usually <4
stands more dense
red stems at nodes
sheaths present on overwintering culms
no dots
stems more rough
leaves more blue/green (very subjective)

Discussion:

- Methods to control invasive without harming the native? Kerrie - ARS has rusts from Turkey and is evaluating rust damage
- Field trip for hands-on ID? Kerrie will coordinate
- Where will info be published? ID key CD available

UPDATES AND DISCUSSION QUESTIONS

MDA Updates:

Emerald Ash Borer - Dick Bean

- Emergence holes at two sites, Ft. Washington, Odenton; one hole at each, geographically isolated, probably no danger of infestation; MDA will monitor; one tree @ each site missed during eradication, erroneously thought to have been planted in 2002; sentinel trees did not catch adults; not all trees from Ed's Plant World accounted for
- *Pryeria sinica* - AA County populations; effective control through pruning eggs laid at tips; no feeding on native *Euonymus*

Sudden Oak Death - Carol Holko

- Surveys:
 1. USDA APHIS Monrovia trace forward complete - one confirmed positive nursery
 2. USDA APHIS National Nursery Survey ongoing - one confirmed positive from composite sample of rhododendrons received from various out-of-state sources in retail center
 3. US Forest Service National Environs Survey ongoing - no positives to date
 4. Homeowner survey ongoing - MDA, UM HGIC, DNR others; passed around draft "Wanted" poster to distribute to nurseries, libraries, community groups, state campgrounds. All suggestions welcomed. No positives to date.
- MDA is acting on new trace forward list of nurseries who received potentially infected material from infected Oregon nursery, discovered as trace-back from Maryland; all affected MD establishments are "big box" retail; same protocol as Monrovia trace-forward
- Carol will prepare and distribute through list serve a blurb regarding homeowner survey for MISC members to include in media contacts
- Suggested venues for advertising: LCA's, Behnke mailing list, media outlets. Provide suggestions, lists to Carol, holkoca@mda.state.md.us

Zebra mussel introduced into upper Susquehanna

Northern Snakehead in Potomac - Ruth: NOT pet store snakeheads; other troubling species in Asian food markets; MAPI web site is up, lists Gold Circle Dealers (member stores that will accept unwanted exotic pets); MAPI will attend hearing on July 7 on proposed regulation making it illegal to possess certain species; Potomac River population not yet shown to be breeding

Carol will look into posting proposed State regulations, comment periods, public hearings on MISC Web site

MISC Web site has been upgraded. MISC brochure is at printer.

NEWS AND NEW BUSINESS

- NISC wants to improve invasive plant screening prior to introduction
- Native Plants in the Landscape at Millersville, Millersville PA, 1st week of June - exhibit hall and plant sale, MISC should have a booth in 2005; Kerrie will prepare participation
- HB 1100 - John Peter Thompson: Industry wants to be involved in new legislation with DNR, MDA
- Congratulations to Carole Bergmann - received award from Rachel Carson Council award for Weed Warriors program

Motion to recognize Bill Gimpel for MISC, provide honorary non-voting MISC membership, and waive attendance requirement. Motion seconded and passed.

Invader of the Month

- Switch porcelain berry to July - sudden oak death to August
- Multiflora rose in spring
- September - GALS, Carol H., Gaye Williams will write
- October - *Miscanthus*? not without more information on nativity, cultivars; sawtooth oak? no; Phragmites? Yes, Kristin will write (thanks, Kristin).

Future meeting dates and locations

August 5 - Adkins Arboretum with Phragmites field trip.

October - Croyden Creek Nature Center

adjourn 1:30