

**IISC Virtual Meeting Minutes-
Tuesday, August 10, 2021**

10:00 am. Welcome and roll call

1. Welcome, roll call and introductions: – IISC chairperson Michael Warner

Council members present:

Michael Warner, (IISC chair) Certified Forester at ArborTerra, representing industry, mwarner@arboterra.com
Eric Fischer, representing Indiana Department of Natural Resources, Division of Fish and Wildlife, efischer@dnr.in.gov
Rick Haggard, Indiana Nursery and Landscape Association, representing industry, haggard.rick@att.net
Matthew Kraushar, representing Indiana Department of Transportation, mkraushar@indot.in.gov
Kate Sanders, representing Indiana State Department of Agriculture, kasanders1@isda.in.gov
Kelli Werling, Representing Indiana State Board of Animal Health, kwerling@boah.in.gov
Steve Yaninek, Professor of Entomology, Representing Dean of Agriculture, Purdue University, yaninek@purdue.edu

Council members unable to attend:

Megan Abraham, representing Department of Natural Resources' Division of Entomology and Plant Pathology, MAbraham@dnr.in.gov
Linda Broadfoot, Director – representing Indianapolis Parks and Recreation, lindabroadfoot@indy.gov
Heather Reynolds, Professor of Biology, Indiana University representing research, hlreynol@indiana.edu

Other attendees:

Elizabeth Barnes, Purdue University, barne175@purdue.edu
Phil Cox, Purdue University,
Ellen Jacquart, IISC Invasive Plant Advisory Committee, ellenjacquart@gmail.com
Doug Keller, DNR Division of Fish and Wildlife, Invasive Species Supervisor, dkeller@dnr.in.gov
Phil Marshall, Department of Natural Resources' Division of Entomology and Plant Pathology, PMarshall@dnr.IN.gov
Dawn Slack, The Nature Conservancy/(Chair) IISC Invasive Plant Advisory Committee, dawn.slack@tnc.org

2. Review and approval of minutes from the 16 Feb 2021 IISC meeting (M. Warner): No modifications/correction to the previous meeting minutes were requested. S. Yaninek motioned for adoption of minutes. Motion seconded by R. Haggard. Motion carried.

3. Adoption of agenda (M. Warner): No Modifications/corrections were requested. R. Haggard motioned to accept agenda. Motion seconded by. S. Yaninek. Motion carried.

4. Status of IISC gubernatorial appointment of member vacancies/terms. (M. Warner):

2019 Indiana Code Title 15. Agriculture and Animals, Article 16. Horticulture Control, Chapter 10. Invasive Species Council, 15-16-10-6. Terms of members; removal.

IC 15-16-10-6 Terms of members; removal

Sec. 6.

(a) The term of a member of the council appointed under this chapter is three (3) years.

(b) The term of each member of the council continues until a successor has been appointed.

(c) The appointing authority who appointed a member of the council may remove the member for cause.

As added by P.L.23-2009, SEC.1.

1. Kristopher Krouse – representing land trusts. Vacant – recommended appointment of Ellen Jacquart

2. Rick Haggard – representing horticultural industry; term ends 2022.
3. Linda Broadfoot – Representing parks and recreation; term ends 2020.
4. Heather Reynolds – representing research; term ends 2022.
5. Mike Warner – representing forest industry term ends 2022.
6. Steve Yaninek – representing Purdue University College of Agriculture; term determined by agency
7. Matthew Kraushar – representing Indiana Department of Transportation, term determined by agency
8. Keli Werling – representing the State Veterinarian; term determined by agency
9. Megan Abraham – representing Indiana Department of Natural Resources, Division of Entomology and Plant Pathology; term determined by agency
10. Eric Fischer – representing Indiana Department of Natural Resources, Division of Fish and Wildlife.
11. Kate Sanders – representing the Indiana Department of Agriculture; term determined by agency

- ◆ Chair has been attempting communication (without success) with Mike Nossett, Deputy General Counsel to Governor Holcomb to discuss the appointment of Ellen Jacquart to fill the Kris Krouse (land trust) vacancy and Don Miller to fill the Linda Broadfoot vacancy.
- ◆ E. Jacquart reports receiving no information from State staff.

5. Report on 2021 CISMA Conference Social Networking Session - Dawn Slack/Warner

- M. Warner – found the meeting exceptional. Dan Shaver’s presentation was outstanding.
- D. Slack – Multi-day conference being with virtual network session; 6 recorded presentations with continuing education credits; Thursday was virtual conference with keynote by Dan Schafer and updates by state agencies; Ten Friday and Saturday field trips. Total attendees numbered 212. Virtual informational networking session of about 50 attendees resulted in a new Facebook page for CISMA leaders which was created by Indiana Invasives Initiative project. Objective for the creation of the Facebook page was a forum for administrative networking and idea-sharing. Hamilton County will manage this page.
- E. Barnes – Also found the overall experience very good; even field visits with small numbers left members feeling inspired.
- E. Jacquart – Fantastic, expanded, informational meeting.
- Pre-recorded presentations will be made available (YouTube?) with the permission of the presenters.
- Educational credits available were:
 - a. Indiana State Chemist: Cat 2, 3A, RT: 3 CCHs
 - b. Society of American Foresters: Cat 1: 4 CFEs
 - c. International Society of Arboriculture: CEUs
 - Breeding for EAB: BCMA-0.5, Practice-0.25, Management-0.25, Climber Specialist-1, Certified Arborist-1, Utility Specialist-1, Municipal Specialist-1, Aerial Lift-1
 - (Live) Battle with Invasive Plants: BCMA-0.75, Practice-0, Management-0, Climber Specialist-0.75, Certified Arborist-0.75, Utility Specialist-0.75, Municipal Specialist-0.75, Aerial Lift-0.75
 - Horizon Scanning: BCMA-1, Practice-0, Management-0, Climber Specialist-1, Certified Arborist-1, Utility Specialist-1, Municipal Specialist-1, Aerial Lift-1
 - Inv. Plant Mapping: BCMA-0.25, Practice-0.5, Management-0.25, Climber Specialist-1, Certified Arborist-1, Utility Specialist-1, Municipal Specialist-1, Aerial Lift-1
 - Long-Term Impacts of EAB: BCMA-0.5, Practice-0.5, Management-0, Climber Specialist-1, Certified Arborist-1, Utility Specialist-1, Municipal Specialist-1, Aerial Lift- 1
 - Herbivores and Garlic Mustard: BCMA-1, Practice-0, Management-0, Climber Specialist-1, Certified Arborist-1, Utility Specialist-1, Municipal Specialist-1, Aerial Lift-1
- More educational categories will be addressed next year.
- E. Barnes suggested that the dispersed field trips were valuable and should be continued. M. Warner concurred.

- Hybrid format for future meetings will likely remain.
- M. Warner commended D. Slack on the number of sponsors acquired.

6. Forest Pest Awareness Week (M. Abraham)

- No report
- M. Warner reported that the Forest Pest Awareness Week is August 16-22, 2021.

7 Report on spotted lanternfly found in Indiana (E. Barnes)

- SLF detected in Switzerland County by a landowner.
- IDNR is surveying area to determine size of infestation. Response is being planned; may try eradication, but this has had low probability of success in other states.
- Source of the infestation has not been determined, however a local landowner recently relocated from Pennsylvania, an infested state.
- SLF may have a couple of years before critical mass is large enough to be conspicuous to public and economic concern. Public education of SLF issues and reporting occurrences are needed.
- Elizabeth Long, Purdue faculty and Specialty Crops specialist, is putting together a webinar for the grape/wine industry.
- SLF host plants to watch include wild and cultivated grapes, black walnut and tree-of-heaven.
- Education campaign – Purdue Extension is working on a plan with IDNR.
- Penn State has best extension SLF info currently.
- See Purdue Landscape Report on Spotted Lanternfly
<https://www.purduelandscape.org/article/spotted-lanternfly-found-in-indiana/>
- Purdue Extension is developing a Public education campaign. Material containing look-a-like insects have been developed.
- S Yaninek suggested that since SLF may already be widely dispersing, eradication may not be a viable response. This highlights the importance of the ReportIN program in getting public assistance for detection. As Purdue Extension develops the response to SLF, the ReportIN ‘tool’ should be considered and utilized.
- M. Kraushar requests to be sent any social media posts or messaging on the SLF issue that IDOT may be able to assist in distributing.

8. Discussion of the Indiana Forest Forever (IFF) coalition information document on invasive species (M. Warner)

- The IFF coalition has a numerous and broad participant base. Information documents have been created on many forest environmental and management issues.
- The IFF invasive species information document is in development. This document could eventually be used in legislative negotiations on invasive species issues/needs/accomplishments.
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- K. Werling requested D. Slack’s perspective on idea that IFF would serve as an “umbrella” organization for IISC and CISMAs. Ans. M. Warner: To clarify, IFF does not want to be an umbrella organization. Some revision may be needed if that impression is evident.
- D. Slack - The document prompted similar confusion and discussions with SICIM. Depending on future funding, SICIM is moving to becoming a state-wide organization, and not primarily centered on southern Indiana issues. The Indiana Invasives Initiative component has a state-wide focus which could lead into the “umbrella” organization concept.
- M. Kraushar – Who are the expected audience/recipients of the document? Ans. This document is a call to action for all entities that have an interest in Indiana invasive species. Target audience includes legislators and conservation partners/member organizations.

- S. Yaninek – Suggested adding recent and current specific examples of high-profile invasive species in Indiana; EAB, SLF, etc.
- D. Slack reported that the III contract amendment allowing the addition of an executive director was approved and a candidate search is underway. Negotiations with NRCS for continued III funding have begun.

9. Terrestrial Plant Rule proposed additions

- No action. Previous meeting action items 5, 6, and 7 carried to next meeting and renumbered 1, 2, and 3.
 1. M. Abraham will make an attempt to schedule a meeting with OMB staff to discuss a phase out of Callery pear.
 2. Chair requested volunteers to create a news release announcing the IISC intention add 12 plants to TPR. Volunteers are M. Abraham, D. Slack, and E. Jacquart.
 3. Chair requested volunteers to assist M. Abraham in arrange and participate in meetings with State office staff to discuss/justify the proposed list of 12 plants to add to the TPR. Volunteers include E. Jacquart, D. Slack. The chair will also stay engaged with this subcommittee.

10. Invasive Plant Advisory Committee updates

- No report.

11. Agency reports and updates (M. Warner)

Representing Purdue University College of Agriculture:

S. Yaninek-

- E. Barnes – Entomological Society of American is changing the common name of the gypsy moth
- S. Yaninek – recent UN Interagency Working Group on Climate Change Report should be a cause for concern for many reasons including particularly because of the increase in possibilities and opportunities for invasive species.

Representing Department of Agriculture (K. Sanders)

- Trevor Laureys, is the new Director of Division of Soil Conservation, ISDA; Jennifer Thum, is the new Deputy Director of the Division of Soil Conservation, ISDA.
- M. Warner suggested that one or both be invited to a future IISC meeting.

Represent INDOT (M. Kraushar)

- No report

Representing Horticultural Industry (R. Haggard)

- *Euonymus alatus* is on an advisor list in Indiana, however Knox County and the city of South Bend have local ordinances/restrictions. Currently only one variety is prohibited (*E. fortunei*), but others are on the list of highly invasive species.
- Question: (M. Warner) Are the Terrestrial Plant Rule details presented/discussed at industry meetings and publications? Ans. Yes.

Representing Fish & Wildlife-Terrestrial Invasive Species (D. Keller)

- Asian carp as a collective term is now renamed invasive carp. This term includes grass, silver, big head, and black carp.
- Invasive carp coordinator recently left the IDNR, but did hire a new invasive carp biologist before leaving. Two additional biologists will be hired.
- Best Management Practices for invasive species management on public land are being constructed.

- An invasive species “bioblitz” event is being planned at Wilber Wright F&W Area at the end of September in collaboration with CISMA staff. A date for a similar event is being determined for Little Pidgeon F&W Area.

Representing Fish & Wildlife Aquatic Species (E. Fischer)

- New invasive species management plan will be posted on the DNR website soon.
- Recent outreach efforts with boaters has occurred>

Representing Research (H. Reynolds)

- No report

Representing Indiana Dept of Transportation (M. Kraushar)

- No report

Board of Animal Health: (K. Werling)

- No new domestic diseases to report
- Six suspected disease investigations (pig-4, rabbit-1, cattle-1) with all samples negative.
- Many reports of wild songbird deaths received this summer; BOAH handles domestic bird and IDNR handles wild bird reports but both agencies collaborate; all samples negative for Avian Influenza and virulent Newcastle disease; still no idea on cause of songbird deaths
 - Cicadas and bird deaths? No conclusive evidence and considered very unlikely.
- African Swine fever – still no detections in US, but found in across Dominican Republic. Importation of dogs and associated bedding from ASF countries have greater scrutiny and control to prevent movement of ASF agents.
- Chronic wasting disease – a problem in Minnesota, but not in Indiana. Advanced planning for potential CWD response in Indiana is underway.

Representing Indiana Department of Natural Resources’ Division of Fish and Wildlife (Eric Fischer)

- The Indiana Invasive Aquatic Species Management Plan is now on the agency website.
- Kudos to D. Slack and M. Abraham for the recent CISMA conference. Greater interaction by Division F&W with the CISMAs is anticipated.
- Indiana State Fair IDNR activities are underway.
- A coordinated regional, invasive species boater blitz occurred over the 4th of July weekend.

Representing Indianapolis Dept of Parks and Works (L. Broadfoot)

- No report

Representing Division of Entomology and Plant Pathology (M. Abraham/Phil Marshall)

- Gypsy moth surveys and treatments completed for the year; had significant defoliation in some locations (estimated 685,000 acres affected) DeKalb, Allen, LaPorte, Noble. Chain-O-Lakes State Park will be surveyed and treated next year if needed.
- Future direction maybe to instruct landowners to treat their private land for gypsy moth instead of a state-managed suppression program. Natural control with egg parasites, fungal *Entomophaga spp.* and nuclear polyhedrosis virus has been significant. These agents combined may reduce the impact of gypsy moth in 2022.
- Oak wilt is confirmed in Franklin County.
- Insecticide treatment is being considered to manage SLF in Switzerland County.
- Study of chestnut oak mortality in Yellowwood State Forest is underway.
- Patoka Reservoir forest health treatment will occur soon.

12. Other new business (M. Warner)

- No new business.

13. Action items and next meeting schedule

1. M. Abraham will make an attempt to schedule a meeting with OMB staff to discuss a phase out of Callery pear.
2. Chair requested volunteers to create a news release announcing the IISC intention add 12 plants to TPR. Volunteers are M. Abraham, D. Slack, and E. Jacquart.
3. Chair requested volunteers to assist M. Abraham in arrange and participate in meetings with State office staff to discuss/justify the proposed list of 12 plants to add to the TPR. Volunteers include E. Jacquart, D. Slack. The chair will also stay engaged with this subcommittee.
4. Link state and federal invasive species awareness week next year - February 28-March 4.

Next meeting: Tuesday, November 9, 2021

14. Adjourn: R. Haggard motioned to adjourn. Motion seconded by M. Kraushar. Motion carried ending the meeting at 11: 42 AM