

Indiana Invasive Species Council Public Meeting Draft Minutes

Tuesday, May 21, 2019 from 10:00 AM to 3:00 PM
Efroymsen Conservation Center
620 East Ohio Street, Indianapolis, IN 46202

1. Welcome, roll call and introductions: – IISC chairperson Heather Reynolds

Council members present:

Heather Reynolds, Assoc. Prof, Indiana University, hreynol@indiana.edu (IISC chair)
Megan Abraham, State Plant Regulatory Official, State Entomologist, and
Division Director, IDNR Division of Entomology and Plant Pathology, Dept of
Nat Res, MAbraham@dnr.IN.gov
Eric Fischer, Aquatic Invasive Species Coordinator, IDNR, Division of Fish and
Wildlife, efischer@dnr.in.gov
Rick Haggard, Executive Director, Indiana Nursery and Landscape Association,
haggard.rick@att.net
Matthew Kraushar, Indiana Department of Transportation, mkraushar@indot.in.gov
Steve Yaninek, Professor, Dept. of Entomology, Purdue University, representing the Dean,
College of Agriculture, Purdue University, yaninek@purdue.edu
Mike Warner, Certified Forester, ArborTerra, mwarner@arboterra.com
Kelli Werling, Dist 4 Field Veterinarian, Dir. Swine Health Div., Indiana State Board of
Animal Health, kwerling@boah.in.gov
Kristopher Krouse, Executive Director, Shirley Heinze Land Trust,
kkrouse@heinzetrust.org
Jeff Cummings, Indiana State Department of Agriculture, jecummins@isda.in.gov

Council members not present:

Linda Broadfoot, Director, Indianapolis Dept of Parks and Recreation.
lindabroadfoot@indy.gov

Other attendees:

Elizabeth Barns, Dept. Entomology, Purdue University, barne175@purdue.edu
Ellen Jacquart, IPAC, ellenjacquart@gmail.com
Dawn Slack, Southern Indiana Land Steward, The Nature Conservancy, dawn.slack@tnc.org
Jane and David Savage, INPS, BCNWP, Boone Co., Master Gardeners,
kjanesavage@gmail.com
Brenda Howard, City of Indianapolis DPW, Brenda.howard@indy.gov
Claire Lane, Hamilton Co SWCD, Claire.lane@hamiltoncounty.in.gov

2. Adopt agenda (see Appendix I). Approve Feb 19, 2019 minutes. Matt Kraushar motioned to adopt, Jeff Cummings seconded; minutes approved – Jeff Cummings/Matt Kraushar
3. Old business:
 - Terrestrial Plant Rule Implementation Updates

- Grower/Seller (Megan Abraham)

Social media outreach under way; inspectors also educating nurseries; press releases

- General Public (Dawn Slack, Ellen Jacquart)

Ellen pushed back on notion that a couple of volunteers should be charged with this enormous task.

- No resources, no active network
- Most states have someone responsible for invasive plants, but not in Indiana

Likewise, no single person in Purdue Extension with invasive plant expertise and responsibilities.

The issue in general is the lack of resources to hire the staff needed.

Action item: Link IPAC and Purdue Extension for help with public outreach - Dawn Slack and Elizabeth Barnes

- DNR Invasive Species Website Inconsistencies - Status (Megan Abraham)

Updates in progress with DNR Division of Entomology and Plant Pathology. Some of the biggest problems are with DNR Division of Nature Preserves website. IDOT also updating their website accordingly.

- Purdue Extension Invasive Species Working Group (PEISWG)-IISC Interactions (Steve Yaninek)

A new working group focused on invasive species has been established as part of Purdue Extension. They are currently developing a new consolidated website for college, and preparing new training material for Extension Educators. Steve Yaninek is part of the effort, but his time commitment continues to be limited.

- Federal Invasive Species Advisory Committee (Steve Yaninek)

In a letter from the federal National Invasive Species Council (NISC) regarding their call for nominations to the Invasive Species Advisory Committee (ISAC) members, the NISC Co-Chair departments recently decided to place ISAC on administratively inactive status. It has been suspended and no new ISAC members are being nominated at present.

- Governor's IS Awareness Week Proclamation (Megan Abraham)

- Callery Pear Outreach

- Press Releases/other activities for IS Awareness Week (Elizabeth Barnes, Steve

Yaninek, Megan Abraham)

AgComm did a press release that included Callery pear; also, a researcher is interested in receiving Callery pear dried leaves – info with Elizabeth Barnes

Megan mentioned that DNR made a press release about avoiding Callery pear.

Discussion about the economic impact assessment required to move forward with putting Callery pear up as an amendment to the recent plant rule.

Action item: Determine the current level of Callery pear production (growers) in Indiana and include the last fiscal analysis – Megan Abraham

- Survivor Tree Seedling Program Letter (Heather Reynolds)

Response from the program is that they are not interested in changing their approach and will stay the course. The Elkhart county fire chief has taken it upon himself to help spread these trees throughout Indiana.

Action item – Reach out to learn about the Elkhart county fire chief and his motives for spreading seedlings from the survivor tree to others, particularly Indiana fire departments – Dawn Slack

4. New business:

- County Weed Boards, Invasive Species Management. & CISMAs (Steve Berg, Dubois County Highway Department; Ken Eck, Purdue Extension Educator)

Conference call conversation –

Steve Berg – president

- One of four active county weed boards in the state
- Objective – control noxious weeds that impact ag
- Initially 5 weed target species; Johnson grass is major target
- Annual meetings, sometimes more
- Half a dozen complaints last year
- Met with SICIM staff for help with hemlock

Ken Eck– secretary

- Reach out or send letters of violation to property owners who are in violation
- Could include other species found outside of production ag with potential of future production
- Council can help by supporting the presence of 92 active county weed boards
- Resources may be reason weed boards are not present in every county
- Purdue Noxious weed doc by Glen Nice is out of date (2005, rev 2010)

Post call wrap-up

- More or less weed boards?
- Weed boards have local legal control authority
- Most counties use other mechanisms for managing weeds
- Need to work with SICIMs and others

Action item: Check on who at Purdue might be able to update the “Noxious and invasive weeds and the weed laws in Indiana” bulletin by Glen Nice – Steve Yaninek

Action item: Explore ways to communicate with township trustees, county commissioners and highway superintendents with links to Purdue Extension in counties – Matt Kraushar

- Invasive Plants Advisory Committee (Dawn Slack)
 - General Updates – see update from Dawn

Scilla siberica spreading in Indiana

Review of IPAC’s objectives:

- Assess plants for risk – currently assessing 30 spp – see Appendix II for the list of plants
- Evaluate new species
- Terrestrial plant rule outreach – need a factsheet for general public, field guide with 49 regulated species (5 + 44 recent additions) by April 2020 (\$7K for design costs includes ppt and pdf format; \$14K for printing)

Indiana Invasive Initiative (III)

- Has a new strategic plan
 - **Vision statement:** SICIM and its partners work with landowners and citizens to increase awareness of invasive species and act to reduce and prevent their spread across all landscapes to protect Indiana’s lands and waters.
 - **Mission:** Develop local capacity by collaborating statewide to protect the health and diversity of our lands and waters by managing invasive species.
 - **Goals:**
 1. Ensure every county in Indiana is served by a sustainable CISMA (Cooperative Invasive Species Management Area) in six years
 2. Lead the development of an umbrella organization to support CISMAs statewide
 3. Lead effort to develop state funding for invasive species management
- Using national “Weed Wrangle” platform to promote awareness
- Update on SICIMs formation across state
- 4 new staff members for a total of 5 regional specialists
- 10 new SICIMs for a total of 17
- Accomplishments:
 - Hired 5 Regional Specialists
 - 17 CISMAs (mission statements, names, logos, events, surveys, training, etc.) (this includes the 7 original ones that were in place prior to the III project)
 - Working w /41 counties

- Weed Wrangle Indiana – 18 and growing
- 8 counties have hired their own Invasive species Technician
- 1 partnership w/ RC&D to pay for Regional Specialist (RS)
- 2 more counties trying to hire their own RS
- 69 Landowner visits (3 of us)
- 258 Outreach events - (reach ~ 50,500 people – this includes two static library displays)
- Potential RCPP program – focus on small acreage landowners
- 7 Indian Conservation Partner training events
- 2019 Annual Mtg – 20 June / Hendricks county 4H/conference Center, Danville, IN – attendance encouraged to meet other folks working on invasive species management and native habitat
- Working with Weed boards when possible.

IISC website

- Worked with Eric Imboden and added the Terrestrial Plant Rule info, ppt about the rule, alternative plant lists, letters from Council, blog

EDDMaps update

- New stats
- Problem with so many alerts that need verification; shows effects of training and significance of invasive species

Council Assistance:

- Funds for field guide
- Assist SICIM with support for Umbrella Group
 - What happens when NRCS funds expire in 2.5 years?

Presentation by Claire Lane, Hamilton Co. SWCD

- In process of forming a CISMA
- Appreciates the opportunity to tie into an existing group

Indiana Invasive Species Calendar

- Google calendar that can be found in many places including IISC website

Discussion

- Can/should Council help with the Terrestrial Plant Rule publication?
- What are the native alternative plants? MIPN developing a list for Midwest on woody invasive plant alternatives.
- Call for help with funding raising
- Request for more/better cost estimates

Action item: Identify fund raising opportunities for the Terrestrial Plant Rule publications – Heather Reynolds and Kris Krouse

- CISMA Report, including CISMA networking activity w/ DNR Nature Preserves & County Weed Boards (w/ Matt Kraushar, Ellen Jacquart)

Tabled for next time

- State Agency/Other Annual Reports w/ Shareable Info on Invasive Sp. (w/ Dawn Slack and Steve Yaninek)

Tabled for next time

- Aquatic Invasive Advisory Committee (Eric Fischer)

Showed the following websites:

- “Ohio Field Guide to Aquatic Invasive Species”
- Invasive Species Centre – Canadian
- NOAA GLANSIS Risk Assessment Clearinghouse

Various outreach presentations

- Emerging Invasive Species Issues and Update (Megan Abraham)

Nursery dealer issues – recent incidence of downy mildew, rose mosaic virus and sudden oak death, mainly infected/infested materials from out of state; sudden oak death from Walmart's throughout Midwest

Gypsy moth treatments – model predicted a dozen sites in Indiana; 4 sites receiving BTK treatments and 3 sites receiving mating disruption treatments

Kudzu treatments contracts set for year

Surveys underway for walnut twig beetle, spotted lanternfly, golden twin spot moth with the Indiana Cooperative Pest Surveys (CAPS)

Survey work being digitized using different platform – Survey123 for ArcGIS data management

Forest pest outreach seminars – Elizabeth and Cliff

IS awareness week – done earlier in the year

Hemlock wooly adelgid survey on hold until trees lose their leaves

Action item: IISC chair will add “emerging invasive species for all taxa” to future meeting agendas – Heather Reynolds

- Agency Invasive Species Action Plans
 - Agency reports (Linda Broadfoot, Dept. of Parks & Rec.)

Brenda Howard – circulated flyer on invasive plants in urban landscapes

- Works with Linda Broadfoot in Land Stewardship program
- Presentation on Land Stewardship

- Will share a link to a video on Land Stewardship
- Invasive plant management on 1800 acres (does not include public golf courses managed by private contractors)
- 20+ spp endangered, threatened and rare
- 70+ invasive species managed
- >\$500,000 for IS management
- Showed specific park activities
- Outreach working with CISMA, Invasive Species Strike Team, Site Steward Program, IUPUI Center for Urban and Environmental Science service learning, ROW and KIB collaborations, ~ 2000 hrs volunteer on invasive species
- HB1491/1492 Update (Jeff Cummings or Katie Nelson, Dept. of Ag.)

Regarding Executive Director funding – suggested a summer study committee

- Did not make the cut for this summer
 - HB1491 died
 - HB1492 was kept clean meaning that nothing was attached, but did combine the detrimental and noxious weed lists (for weed boards)
 - No invasive species summer study committee for this summer
 - Perhaps not a bad thing since 3 ag/natural conservation summer study issues already on the books

Action item: Keep the summer study task force topic on the agenda for the next IISC meeting – Heather Reynolds, IISC chair

Action item: Invite Ray Moistner with Indiana Hardwood Lumberman’s Association (IHLA) to present at the July IISC meeting – Mike Warner

- Tactical Plan
 - Networking conversations for July IISC meeting (All, see Appendix I)
- Funding
 - Summer study task force for long-term CISMA funding (Jeff Cummins or Katie Nelson)

See agenda item above on HB1491/1492

- IISC Executive Director Funding (All)

Tabled for next time

- Communications & Website
 - Boxwood blight information & Callery Pear letters added to IISC blog (D Slack)
- Education and Outreach
 - IISC Display Materials & Trade Show Attendance (All)

- IISC Chair for 2020

Tabled for next time

7. Updates or announcements from the Council and public
8. Next meeting date: July 23, 2019
9. Next steps/action items

Action Items:

- Link IPAC and Purdue Extension for help with public outreach - Dawn Slack and Elizabeth Barnes
- Reach out to learn about the Elkhart county fire chief and his motives for spreading seedlings from the survivor tree to others, particularly Indiana fire departments – Dawn Slack
- Determine the current level of Callery pear production (growers) in Indiana and include the last fiscal analysis – Megan Abraham
- Check on who at Purdue might be able to update the “Noxious and invasive weeds and the weed laws in Indiana” bulletin by Glen Nice – Steve Yaninek
- Explore ways to communicate with township trustees, county commissioners and highway superintendents with links to Purdue Extension in counties – Matt Kraushar
- Identify fund raising opportunities for the Terrestrial Plant Rule publication – Heather Reynolds and Kris Krouse
- Add “emerging invasive species for all taxa” to future meeting agendas – Heather Reynolds, IISC chair
- Keep the summer study task force topic on the agenda for the next meeting – Heather Reynolds, IISC chair
- Invite Ray Moistner with Indiana Hardwood Lumberman’s Association (IHLA) to present at the July IISC meeting – Mike Warner

3:00 PM – Adjourn

Appendix I

Indiana Invasive Species Council Public Meeting

AGENDA

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10:00 AM

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7. Old business:
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 - Grower/Seller (Megan Abraham)
 - General Public (Dawn Slack, Ellen Jacquart)
 - DNR Invasive Species Website Inconsistencies - Status (Megan Abraham)
 - Purdue Extension Invasive Species Working Group (PEISWG)-IISC Interactions (Steve Yaninek)
 - Federal Invasive Species Advisory Committee (Steve Yaninek)
 - Governor's IS Awareness Week Proclamation (Megan Abraham)
 - Callery Pear Outreach
 - Press Releases/other activities for IS Awareness Week (Elizabeth Barnes, Steve Yaninek, Megan Abraham)
 - Survivor Tree Seedling Program Letter (Heather Reynolds)
8. New business:
 - County Weed Boards, Invasive Species Mangmt. & CISMAs (Steve Berg, Dubois County Highway Department; Ken Eck, Purdue Extension Educator)
 - Invasive Plants Advisory Committee (Dawn Slack)
 - General Updates
 - CISMA Report, including CISMA networking activity w/ DNR Nature Preserves & County Weed Boards (w/ Matt Kraushar, Ellen Jacquart)
 - State Agency/Other Annual Reports w/ Shareable Info on Invasive Sp. (w/ Steve Yaninek)
 - Aquatic Invasive Advisory Committee (Eric Fischer)
 - Emerging Invasive Species Issues and Update (Megan Abraham)
 - Agency Invasive Species Action Plans
 - Agency reports (Linda Broadfoot, Dept. of Parks & Rec.)
 - HB1491/1492 Update (Jeff Cummings or Katie Nelson, Dept. of Ag.)
 - Callery Pear Outreach
 - Press Release Planning for IS Awareness Week (Steve Yaninek)
 - Survivor Tree Seedling Program Letter (Heather Reynolds)
 - Updates from Working Groups
 - Tactical Plan
 - Networking conversations for July IISC meeting (All, see Appendix I)
 - Funding
 - Summer study task force for long-term CISMA funding (Jeff Cummins or Katie Nelson)
 - IISC Executive Director Funding (All)
 - Communications & Website
 - Boxwood blight information & Callery Pear letters added to IISC blog (D Slack)

- Education and Outreach
 - IISC Display Materials & Trade Show Attendance (All)
- IISC Chair for 2020
- 7. Updates or announcements from the Council and public
- 8. Next meeting date: May 21, 2019
- 9. Next steps/action items

3:00 PM – Adjourn

Appendix II

List of plant species currently under risk assessment review by IPAC

Common Name

Amur privet
Burning bush
California privet
Chinese privet
Chinese silver grass
Common privet
Creeping jenny
English ivy
Fumewort
Giant reed
Highbush cranberry
Hybrid cattail
Japanese meadowsweet
Jetbead
Large-leaved periwinkle
Lesser celandine
Lyme grass
Mimosa
Miscanthus hybrid
Perilla
Periwinkle
Princess tree
Ravenna grass
Scilla (squill)
Siebold's viburnum
Spreading and Japanese hedge parsley
Sweet autumn clematis
Wild parsnip
Wine raspberry
Wisteria

Appendix III – Networking conversations w/ IISC for 2018 and 2019

- Jan 2018: USDA APHIS PPQ – Nick Johnson
- May 2018: DNR Community and Urban Forestry – Carrie Tauscher
- July 2018: Dr. Mo Zhou – Purdue University
- Nov 2018:
 - Dr. Abigail Sullivan – IU Environmental Resilience Institute
 - Ray Chattin – SICIM
- Feb 2019: DNR Nature Preserves – Tom Swinford
- May 2019:
 - County Weed Boards – Steve Berg, Ken Eck
 - Indiana Master Gardener Program – John Orick
- US Customs & Border Protection – branch concerned with Ag pest and diseases
- SWCD – statewide leadership
- Land trusts
- US Fish & Wildlife – bat biologist
- Crane Naval Installation – Brady Miller with Department of Defense
- Private forestry and land managers
- Indiana Forestry and Woodland Owners Association – Liz Jackson
- Indiana Hardwood Lumberman’s Association – Ray Moistner
- RC&D – Rural Conservation and Development – Don Carlson
- Indy Parks Land Stewardship – Brenda Howard

Appendix IV – IISC Planner for 2019

DUTIES	Key Action Items for 2019	Working Group/Person
[Sec.4. (1)] Recommend priorities for projects, funding, rules and laws concerning invasive species to the appropriate governmental agencies and legislative committees	Establish summer study task force for CISMA long-term funding issue	Jeff Cummings
[Sec.4. (2)] Recommend a lead state agency to develop an invasive species inventory for each invasive species taxon (plants, insects and plant diseases, aquatics, animal diseases), and develop and maintain a data management system for invasive species in Indiana.	Discussion point: this item is covered by the invasive species lists developed by DNR and IPAC, and by the EddMaps initiative Clearinghouse initiative for invasive species annual reporting	Steve Yaninek, Dawn Slack
[Sec.4. (3)] Communicate with other states, federal agencies, and state and regional organizations to enhance consistency and effectiveness in preventing the spread of, early detection of, response to, and management of invasive species.	February: Tom Swinford, DNR Nature Preserves	Abrams
	May: County Weed Management Board (Back up will be Indiana Hardwood Lumberman’s Association – Ray Moistner)	Matt Kraushar
[Sec.4. (4)] Coordinate invasive species education and outreach activities.	Terrestrial Plant Rule Ed Campaign	Megan Abraham

	<ul style="list-style-type: none"> - Grower/Seller - General Public 	Dawn Slack, Ellen Jacquart
	Indiana Invasive Species Awareness Week -Press Release	Steve Yaninek & Liz Barnes
	Indiana Green Expo Invasive Species Panel	Megan Abraham, Steve Yaninek
	Great Lakes Parks Training Institute	Megan Abraham
	Letters to grower/sellers & to Survivor Tree Program	Heather Reynolds, Liz Barnes, Dawn Slack
	Right-of-Way Managers Invasive Species Training	Matt Kraushar
[Sec.4. (5)] Convene or support an invasive species meeting at least once per biennium to provide information on best practices and pertinent research findings.	<ul style="list-style-type: none"> • 2019 is off year 	
[Sec.4. (6)] Assist governmental agencies in reviewing current invasive species policies and procedures, and addressing any deficiencies or inconsistencies in such policies and procedures.	July Meeting: Develop digest of agency Invasive species action plans for IISC website	

<p>[Sec.4. (7)] Assist state agencies in reviewing the agencies' performance measures for accountability concerning the agencies' invasive species actions.</p>	<p>Agencies do not have invasive species-specific performance metrics...agency metrics are gauged by permits...metrics are dictated by governor's office...interest in this as a way to credit agencies for their work? Concern that metrics and activities are too variable and not under control of agency rep.</p>	<p>Continue conversation next time – how do we help state agencies get better funding for the invasive species work that they do?</p>
<p>[Sec.4. (8)] Receive reports from any governmental agency regarding actions taken on recommendations of the council.</p>	<p>Ongoing: Terrestrial Plant Rule, website inconsistencies re: invasive species reporting, INDOT Standard Specifications in progress</p>	<p>Megan Abraham Matt Kraushar</p>
<p>[Sec.4. (9)] Apply for grants.</p>	<ul style="list-style-type: none"> Feb meeting: Ad hoc working group for funding presents priorities and recommendations for CISMA funding as guide for legislative summer study commission 	<p>Jeff Cummings Steve Yaninek Rick Haggard</p>
<p>[Sec.4. (10)] Provide grants for education about or management of invasive species.</p>	<p>July Meeting: Receive reports from IISC ad hoc group on funding priorities</p>	<p>Steve Yaninek</p>