

# Indiana Invasive Species Council

## Public Meeting

October 11, 2013

620 East Ohio Street, Indianapolis, IN 46202

### MINUTES

---

Call to Order: Kris Krouse called to order this meeting of the Indiana Invasive Species Council (IISC) at 10:16 am

1. Roll Call and Introductions:

Eric Fischer, IDNR Aquatic Invasive Species Coordinator  
Phil Marshall, IN State Entomologist, Department of Natural Resources Division of Entomology and Plant Pathology  
Steve Yaninek, Purdue University, Rep for Dean of Ag.  
Kristopher Krouse, Shirley Heinze Land Trust  
Philip Gramelspacher, Past President, Indiana Forestry and Woodland Owners Association  
Sandi Norman, Indiana State Board of Animal Health

Council Members not present:

Bill Fielding, Indiana Dept. of Transportation  
Rick Haggard, Indiana Nursery and Landscape Association  
John W. Williams—Director of Indianapolis Parks  
David Bausman - ISDA

Also present were:

Ellen Jacquart, The Nature Conservancy, IN Chapter  
John Baugh, Director of Ag Research Services Purdue  
Larry Bledsoe, Purdue University, CAPS  
Adam Witte, Purdue University, Entomology  
Tom Tremain, EDRR Conference Organizer  
Kallie Bontrager, DNR Department of Entomology and Plant Pathology

2. Adopt agenda and approve minutes from May 22, 2013 public meeting

Steve suggested a discussion about the Secretariat position being moved to ISDA be added. The agenda was approved unanimously.  
Minutes were held for approval until Sandy Norman arrived.

3. Old Business:

Council Appointments

Council appointments: Who might be a good prospect for research position?

Kris- DOW. J Jachetta's successor, Leslie, was a possibility. David Lodge from ND did not respond. He was recommended before but not appointed.

Steve- Might need to "recruit" from conference for the research position.

Ellen- Heather Reynolds at IU was suggested.

Steve- Good to get someone who works on mammal vectors. Tick specialist (Bob Pinger). Aquatic side? Asian carp specialist?

John- Ben Evans is no longer in the Governor's office.

4. New Business:

A. Updates from working groups

Tactical plan update Phil Marshall

Phil- No update.

Kris- What do we need to do to help?

Phil- Reread the plan. Amy was driving force behind this plan. Conference call in November to revisit document. Steve, Ellen, Kris will all help. Maybe get Jordan involved. Kris will schedule conference call with previous folks.

Steve- What can we learn from upcoming conference that could be incorporated into the tactical plan? Breakout groups from EEDR conference could be useful for fine tuning this plan.

Ellen pulled up tactical plan on PowerPoint for review.

Amy and Phil were assigned to review framework.

Ellen will make recommendations on regulatory structure.

Funding needs should be identified.

Conference would serve to gather the recommendations for agencies.

Steve- Didn't we make recommendation on funding? Yes.

Phil- Follow up on rule making.

Communicate with other states, federal agencies.

Ellen- Regular communications with Midwest Inventory Plant Network.

Phil- Info and education- EABU. EABU will be continued to be funded and hopefully include other invasive plants. Letter of support by committee.

Phil G.- Is Purdue extension around the counties doing much with invasives?

Steve- It is issue by issue.

Larry- Providing info to people outreaching for materials. It is at their discretion how they use them.

Ellen- Dozens of horticulture handouts that still suggest planting invasive plants. Why is there reluctance to removing invasives?

Steve- Is this protecting the green industry?

Ellen- I don't know. We formed a committee whose number 1 priority is to change these lists.

Steve- This sounds like a new business item. What is the mechanism to do this? We need to get these plants off the list via education. Plant advisory needs to provide recommendation of a group of species to this council and then we can decide what to do and proceed from there.

Ellen- This is about coordination. What can this council do to get the right info out to the right people?

Steve- Will meet with Bob jolly to encourage extension folks to show up.

Assist government agencies in reviewing current invasive species policies. Ellen- What is being done here? Extension may fall in this rubric here as extension is a government agency.

Ellen- What sort of grants could be applied for to fund this committee?

Steve- Annemarie got a farm bill grant to help fund the conference at the end of the month.

Ellen- Resend tactical plan.

Planning, outreach, communications, and website- Steve Yaninek

Steve- Annemarie was involved in outreach and website. Communications- Did communications include website? Chris has done a good job getting the website correct. Need to review the details here. Communications involves what? Planning- what's different from tactical plan? Not much. Request for council members to get involved in committee work.

Steve- Review committee membership and remind members to consider joining. Need someone in charge and take lead of group.

B. Early Detection and Rapid Response Conference- Tom Tremain/Adam Witte

Adam- Send Kallie info on conference.

Double check if parking is covered.

Mini presentations on EDRR databases. All received questions and Ellen will put answers into a handout so attendees have highlights of talks.

Went through agenda. Tom organized breakout groups

Speaker would be a leader and council members would be a co-leader.

Mark Renz may have to leave early and not be able to attend the break out section.

Kris, Ellen, Tom will take care of farewell.

Lori may be affected by furlough. Keep this in mind. Have a plan B for this talk.

Email private speakers again.

Who are we targeting?

Phil will pass along to appropriate individuals.

Send Chris Gonso note to connect to Division of Forestry.

Ellen will check if she passed along News Release.

Amy's replacement should be contacted. Kris will contact Jordan about conference.

C. Invasive Species Advisory Committees

Invasive Plant Advisory Committee- Ellen Jacquart

BMPs and outreach

Each agency has a coach. Coaches got together at IPAC. All felt it would be helpful if agencies met with coaches as a group. Set up meeting in the near future.

Final decisions set for Dec. 2014.

Division of forestry got funding for a BMPs strategy. Separate grant money.

Invasive species list and outreach project

Approved list is on website. Reviewing list annually and renewing it.

Revising as new info comes to light.

Ellen presented the following table with 10 species to be added to the existing list and 3 to review:

Common Name	Latin Name	Growth Form	Invasive Rank
spiny plumeless thistle	<i>Carduus acanthoides</i>	forb	High
musk thistle	<i>Carduus nutans</i>	forb	High
bull thistle	<i>Cirsium vulgare</i>	forb	High
poison hemlock	<i>Conium maculatum</i>	forb	High
field bindweed	<i>Convolvulus arvensis</i>	vine	High
Queen Anne's lace	<i>Daucus carota</i>	forb	Moderate
creeping Charlie	<i>Glechoma hederacea</i>	vine	Moderate
wild parsnip	<i>Pastinaca sativa</i>	forb	Moderate
mile-a-minute vine	<i>Polygonum perfoliatum</i>	vine	High
Johnson grass	<i>Sorghum halepense</i>	grass	High
garlic mustard	<i>Alliaria petiolata</i>	forb	High
common teasel	<i>Dipsacus fullonum</i>	forb	High
Chinese yam	<i>Dioscorea polystachya (oppositi</i>	vine	High

It was noted that spiny plumose thistle is not anywhere in IN according to records. Botanist claims it is in Steuben County. All over in town of Hamilton. Need to promote EDRR at conference as this is a good example of not seeing something obvious.

Phil G. asked about Johnson grass.

Ellen- Idea is whether the plant is invasive based on criteria, not what actions follow. Ellen was encouraged to add poison hemlock to list.

Phil G. made motion to approve the ten additions and three revisions presented by Ellen.

Steve seconded.

Eric- What does entire list look like? Are we making motion to add to the invasive list or ranking it?

Ellen- Adding only, it has been ranked already.

Sandi- Okay with adding to list, but should be clarified that abundant weeds are invasive.

All in favor. No Oppositions. Motion carries.

Species in trade- IPSAWG. Downside- what if the species isn't in the state yet? Do we not assess it because it isn't in the state yet? INPIRF system is based from a NY form. More predictive and less on specific infestations. Don't need to use IPSAWG rule if assessing something much more common. IPSAWG- if a question is not able to be answered, the score is removed from the total possible points. If you can't answer 70% of questions, mark it as caution.

What's the next step? IPSAWG scores too low to give them rank.

Should we use INPIRF instead?

Phil- Is there some research that needs to go into assessing both methods? Create a more scientific background. Look for funding to evaluate this. There is a risk assessment tool with APHIS (only used for plants out of country). Review some of their assessment tools.

Kris- Do you need anything from us?

Ellen- Just bringing up awareness for what we've been struggling with and doing. Convene meeting with industry reps to come up with best approach.

Larry- Research is needed in order to adequately assess species in trade. Would the state of IN back up this with funding? If the Council made a proposal to do this, would we be able to get funding? Or would we need to come up with the money ourselves? Get funds from state to back research.

Kallie and Ellen went to a botanical garden in Chicago and talked with experts. Great meeting, many doing the same as Ellen. Only people from IN were Ellen and Kallie. Maybe publicizing this event was low in IN.

Public access to BMPs and invasive species lists

All BMPs are on website. Nothing IISC needs to do with this.

Invasion plant management cost survey

Press release. Possibly done within the nature conservancy.

Phil- Review survey for fiscal analysis.

Discussion of the removal of highly invasive plants from Indiana trade  
(DISCUSSED EARLIER)

BREAK: 11.52.

START: 1:06.

**After the lunch break a motion was made to approve May 22, 2013 minutes (Sandi was present). Minutes were approved.**

**Skipped to agenda item 5 since Phil Marshall had to leave early.**

5. Updates:

Farm bill update- Phil Marshall and John Baugh (pushed ahead of schedule in agenda as Phil had to leave- originally in "updates" section)

Waiting to see if they are going to pass another bill under Section 10.201.

National invasive species council- Phil Marshall

Nothing to report.

Healthy habitats- Phil Marshall

Still floating out there.

**Returned back to the "New Business" section of the agenda.**

D. Aquatic Invasive Advisory Committee- Eric Fischer

Both Midwestern Governors Association (chaired by Minnesota Governor Mark Dayton) took on agenda items of aquatic invasive plants. Council for the Great Lakes Governors had a task force put back together for invasive species. Mackinac Island meeting- many governors signed formal agreement.

Council of Great Lakes Governors- Decided they would work together and try to use executive order or other processes to add "least wanted AIS to the state and prevention list for priority action".

Looking into adding Zander and Wells Catfish into fish rules.

Three new aquatic invertebrates: golden muscle, killer shrimp, crayfish (Zambia crayfish)

Task force that went together, Eric made the concession of adding parrot feather and hydrilla to the top of the plant list. Others wanted water soldier.

People are willing to remove their invasive water plants if discovered with no refute. Several online vendors started adding alternate on websites by stating 'if your state prohibits *Egeria densa* we will make the substitution for the native species.'

Findings of Chinese water spinach. Eradicated from Purdue and IU (Horticulture students using them). Grocery store use- If leaves only, they can go as a food trade. If the leaves have tubers on them they are out of groceries stores. Federal government has no budget for noxious weeds and stopped managing them. State governments are responsible for management.

Asian carp- Water Resources Reform Act- Create spending measures, amendment added with repercussions on lock closures. Ex. St. Anthony lock.

#### E. Data Collection and Management- Larry Bledsoe

Charge of last meeting was to identify information centers. Identified a few source sites that would serve as a repository. Then establish something like CERIS to serve as a data center.

Choices for information and database centers:

Vertebrates- IDNR

Invertebrates-

Arthropods- PPDL and PERC

Mollusks- ND, IU, IN Geo Survey

Plant path- PPPDL

Animal path- IN BOAH, Purdue School of Vet Medicine, ISDH

Plants, rusts, fungi- Purdue Kriebel and Arthur herbaria, Friesner herbarium

Need money to put this together. CERIS provided a power point to demonstrate how CERIS would manage different agencies for a fee. Would have to come up with something more stable than soft money. Have tried farm bill and other options, but has proven difficult. Embryonic at this stage.

Kris- Is there any type of foundation support for this work?

Larry- National Science Foundation in the past has come up with money for Specify which is a database program (~\$4M). Pulled funding. Then partial funding was restored. One of our staff members is trying to connect with them.

Steve- Effort on the way by the National Science Foundation worked with \$30M to put these digital collections in a format online. It is just a list. Insects only so far. Not sure about other groups.

Ellen- About to have a database for plants. Grant provided for Indiana Plant Atlas. Every digitized plant database brought into one linking point. Trying to get a reporting component to this.

Larry- Who funded it?

Ellen- Not Sure.

Becky from Friesner will be at conference. Might be able to get ideas at conference.

F. Education and Outreach portfolio- Sandi Norman

Reach out to extension (Master Gardeners) to talk about plants. Difficult to reach out to big box stores. Great to have something that says plant this, not this. Posters in various locations, again emphasizing extension. 4-h has invasive species material (ex. state fair). Come up with a program to talk about invasive species to boy scouts or girl scouts. Do something for invasive species awareness month. One person talk about why invasive species are important. Plan it pretty early. Ellen- Problem is it has been attempted before with little interest.

Sandi- Consider launching the idea more broadly as “invasive species month” for a specific reason. Have a point person there to talk to media, etc. A slow news week will pick up on this. May need to build up over time. Maybe target junior master gardeners.

Ellen- Wisconsin has over 100 events for invasive species awareness month.

John- Water quality station, fishing station, garden station, etc. at the state fair. Ag in the class room. Have examples for them to see.

Kris- John Bacone of DNR Division of Nature Preserves might have some ideas.

Sandi- State fair is a great opportunity. Spring time is always a great time to promote awareness.

Kris- We should work toward doing something at the state fair. Maybe INCA could help.

Sandi- Get your foot in at Marion county master’s gardener.

Ellen- Division of Forestry has some good stuff we could build upon.

Eric fisher runs a booth- Add an invasive component to his display.

Sandi will work on making connections for this.

G. NRSC Report & Renewal of IISC Legislation- Kris Krouse

Kris presented on August 28 at Pokagon State Park. A report was sent to members. Emphasized in meeting resources (\$500,000 over 3 years) we could use to advance the Council. Is there anything the committee can do in terms of the rule that’s in place for the council? We should be able to send a formal answer to that question.

Steve- Difficulty getting all slots filled (membership issue). Upcoming conference might help clarify what kind of verbiage we would need for the act. Start getting support back from agencies involved. Does IDNR view us as an annoyance or something helpful? Conference is first chance to reach out and receive feedback.

Kris- After conference, we could work on developing a response?

John- Send a letter to the chairman of the committee. If we are asking for funding, break that down for what will be done with the money. They will want to do something for us without giving money. Is there something we can put in code without getting to controversial?

Ellen- This ties back to the tactical plan (regulatory structure).

Phil- Emergency rule authority and entomology was left out. Authority to order destruction of trees, but many limits.

John- Put that in writing and get the council to approve. Recommendation from Council.

Kris- What would be the timing for presenting this?

John- By November 1<sup>st</sup>.

What would we potentially envision putting forth by the November deadline?

Phil- An update from him.

Sandi- Not sure.

Steve- Unfilled positions.

Ellen- Broadly written legislation and limitations fulfilling it.

There was a discussion about having ISDA vs. Purdue serve as secretariat.

Mission statement is listed for study committee.

Phil G.- If the Council isn’t reenacted, it’s gone.

Sandi- Need for director is important. Get this established.

Kris- When we go before committee in 2014, we need to make a strong pitch for continuation.

John- Talk to legislators before that and inform them (chairman) and let them make the decision. Senator Yoder should be chair next year.

Kris- If we get a letter by the Nov. deadline, will John overlook it?

John- Yes, put whatever you want to in your letter (we need funding, talked to agencies, looked at legislation, and feel we need DNR ENTM emergency rule making authority). Then Phil needs to get with his group and work with the legislator get technical changes and this reinforces you guys doing that.

Kris- Asked John what should be done to get the Council reenacted?

John- The Council should request to be reenacted at the next summer/meeting.

John- Amy Cornell talked to me about the Dept. of Agriculture being the secretary of Council. Provide administration for council. Thought this would fit nicely with the role she had with the Land Resources Council. This is similar and that that person could do both. No plans for her or Farm Bureau to move that forward this session. It would probably be the type of thing to think about next year.

Kris- Can we make Steve a life board member of the council if we add secretariat?

John- Don't have to change council makeup. Dean could still be there or represent the Council. Administration would fall to Dept. of Agriculture. Could potentially replace an executive director.

John- This would be something to pursue next summer.

Phil and Ellen will help Kris develop a letter by Nov. 1.

**Continued the remainder of agenda item 5 that was taken up earlier in the agenda.**

5. Updates (continued):

Council presentations in 2013- updates from members

Ellen- Gave many presentations.

Conducted an invasive plants training for the society for ecological restoration with people from 7 different countries. It was a great talk.

Larry will send Ellen email of expert earthworm person

Steve- Preparation for request of commission to renew council's term. We need to demonstrate we've met some impact. The meeting at the end of the month and surveys to agencies for BMPs are good examples. People from agencies can speak to council to give feedback to council and its impact.

Phil G.- Get a journalist to attend the conference and help promote the event.

Larry- How about Outdoor Indiana? They should be interested in coming.

Sandi- Agrees Outdoor Indiana would be a good resource.

Emerging invasive species issues- Council

Phil- We need to address thousand canker disease.

We continue to get infected material of sudden oak death. Can't put up external quarantine since federal quarantine is in place. 4 out of 5 years a nursery has shipped out infected material and is still in business.

BMSB and spotted wing drosophila are present. BMSB is starting to be more prolific. Larry is helping with spotted wing drosophila. African fig fly not looking to be a big issue.

Headsmut on popcorn officially determined in Indiana. Inspecting for it every 2 weeks.

Hemlock woolly adelgid is down.



Kudzu. Treated 53 sites. Looking at John's assistants to try and treat small infestations in Indiana. Approximately 150 locations (small) in Indiana. 4-5 years to get this out (at least). Need to ask for about \$750,000 just to get everything in one year to treat kudzu. Kudzu bug is coming up from the south (good news). Suggesting it can live in southern Indiana, however, can feed on soybeans. Won't be able to regulate the bug. Spray fields for treatment.

Larry- Don't know northern range yet.

Ellen- kudzu- adopted sites. Could you get more local groups to step up and treat these spots and take them off your shoulders?

Phil- Trying to get people to begin monitoring with Tom Tremain.

Ellen- This would make a good article.

Phil G.- Thousand canker in Knoxville area- it is confirmed it is thousand canker. Identification has been done for both insect and fungus.

Sandi on feral hogs- Talking about providing some funding by USDA. Surprised since funding has been cut for other programs. Feral hogs are illegal in this state and can be shot on site. Hunters are only group who like them. People are bringing them in illegally for hunting purposes.

Steve- Had a meeting with USDA APHIS, Indiana is a place where feral hogs can be controlled.

Sandi- We usually don't get tons of them, just hits of them being present where they destroy farmer property. Reproduce at rapid rate. Recently, testing of feral hogs has shown up negative for disease.

Ellen- Sounds like we should be able to get to the point of eradication as there are success stories. Do people say that we would like to eradicate feral hogs?

Sandi- Lack of money may be inhibiting this.

Phil G.- Not all hunters are happy with this. They are dangerous. Small group of hunters that like them.

Sandi- Getting money would help get rid of them.

6. Other topics to be determined

7. Next steps/action items

Kris- Send out an email revisiting membership

Contact Jordan

Help Phil, Steve and Ellen develop a letter for John for review.

Contact governor's office

Sandi- follow up with state fair

Steve- explore to connect with Purdue extensions (Bob Jolly)

Find someone to fill the research position

Bring in a list of names from everyone

Then decide top two online to move forward

John- Some governors like 3 suggestions.

Adam- Send minutes to Kris.

Meet in Spring. Set doodle poll soon. Series of reminders for this meeting.

Adjourn

2:59pm