

## Indiana Invasive Species Council Public Meeting Draft Minutes

Tuesday, July 23, 2019 from 10:00 AM to 3:00 PM  
Efroymson Conservation Center  
620 East Ohio Street, Indianapolis, IN 46202

10:07 AM

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

### Council members present:

Heather Reynolds, Assoc. Prof, Indiana University, [hlreynol@indiana.edu](mailto:hlreynol@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](mailto:MAbraham@dnr.IN.gov)  
Eric Fischer, Aquatic Invasive Species Coordinator, IDNR, Division of Fish and Wildlife, [efischer@dnr.in.gov](mailto:efischer@dnr.in.gov)  
Matthew Kraushar, Indiana Department of Transportation, [mkraushar@indot.in.gov](mailto:mkraushar@indot.in.gov)  
Kelli Werling, Dist 4 Field Veterinarian, Dir. Swine Health Div., Indiana State Board of Animal Health, [kwerling@boah.in.gov](mailto:kwerling@boah.in.gov)  
Kristopher Krouse, Executive Director, Shirley Heinze Land Trust, [kkrouse@heinzetrust.org](mailto:kkrouse@heinzetrust.org)

### Council members by proxy:

Charles Elliott for Linda Broadfoot, Director, Indianapolis Dept of Parks and Recreation. [lindabroadfoot@indy.gov](mailto:lindabroadfoot@indy.gov) [Charles.m.elliott@gmail.com](mailto:Charles.m.elliott@gmail.com)

### Council members not present:

Rick Haggard, Executive Director, Indiana Nursery and Landscape Association, [haggard.rick@att.net](mailto:haggard.rick@att.net)  
Steve Yaninek, Professor, Dept. of Entomology, Purdue University, representing the Dean, College of Agriculture, Purdue University, [yaninek@purdue.edu](mailto:yaninek@purdue.edu)  
Mike Warner, Certified Forester, Arbor Terra, [mwarner@arboterra.com](mailto:mwarner@arboterra.com)  
Jeff Cummins, Indiana State Department of Agriculture, [jecummins@isda.in.gov](mailto:jecummins@isda.in.gov)

### Other attendees:

Ellen Jacquart, IPAC, [ellenjacquart@gmail.com](mailto:ellenjacquart@gmail.com)  
Dawn Slack, Southern Indiana Land Steward, The Nature Conservancy, [dawn.slack@tnc.org](mailto:dawn.slack@tnc.org)  
Brienne Lowe, Natural Resources Conservation Service, State Biologist, [brienne.lowe@usda.gov](mailto:brienne.lowe@usda.gov)

2. Adopt agenda. No amendments from the floor. M. Kraushar motioned to approve agenda, motion second by K. Werling. Motion carried.
3. Approve May 21, 2019 minutes: Amendment requested by K. Werling. K. Krouse motioned to approve minutes with amendment. Motion second by M. Kraushar. Motion carried.
4. Old business:
  - o Terrestrial Plant Rule Implementation Updates
    - Callery Pear Production (Growers) & Fiscal Analysis (Megan Abraham). Results of a historical economic survey/impact estimate of plants under consideration for

inclusion in the TPR was provided to the Council. See Appendix I. Callery pear and Norway maple stood out as having values in excess of \$500,000. Recent queries suggest that the economic value or standing crop of these trees has not diminished, except for a small reduction in the Bloomington region. No changes to the TPR can occur until the periodic recodification of all rules is complete in 9 to 12 months (late summer 2020). Gross impact of loss of several primary species in trade will be estimated for small business, state government, and homeowners. Next economic analysis for potential amendment of the TPR will begin in spring of 2020.

- IDNR received a complaint from dairy and hooved animal producers regarding the addition of reed canary grass to the list of prohibited plants. These producers have a lobby group that are collaborating with Indiana Dept of Ag to review the inclusion of this species to the TPR. Their goal is to remove reed canary grass from the TPR. Seed for this forage is sold in Indiana and used in wet pastures. Reed canary grass has the highest control cost of any species on the TPR list.

**Action Item:** D. Slack will request estimates of reed canary grass acres infested and control cost from IPAC participants and NCRS partners. E. Jacquart will review 2012 IPAC invasive plant management survey to identify respondents who might be able to provide acre and cost data for reed canary grass.

**Action Item:** 2020 IISC Chair will add an agenda item to the January meeting to discuss the most current IPAC list of potential species to add to the TPR.

- General Public
  - TPR Fact Sheet (Dawn Slack, Ellen Jacquart). See Appendix II and [https://www.entm.purdue.edu/iisc/pdf/Terrestrial\\_Plant\\_Rule\\_Fact\\_Sheet\\_final.pdf](https://www.entm.purdue.edu/iisc/pdf/Terrestrial_Plant_Rule_Fact_Sheet_final.pdf). Slight modification to the IISC web site will be made to accommodate the fact sheet.
- Field Guide & Funding (Dawn Slack, Ellen Jacquart).
  - The guide will be designed by Orbis Environmental Consulting and will include 49 regulated species plus a few noxious weeds. Desired characteristics of the guide were discussed.
  - Design cost was negotiated at \$5,460. D. Slack suggested that potential funds to support the Field Guide design include initial payment by The Nature Conservancy of \$1,800 in December 2019, followed by \$2,000 payment by the Native Plant Society at project midpoint, and final \$1,660 payment by the IISC at the conclusion in March.
  - D. Slack asked if an IISC subcommittee was needed to review the field guide. Ans; no.
  - Printing cost are estimated at 500 copies@ \$9 = \$4,500. Wholesale price would be extended to initial donors and retail price (not defined) extended to the public. Preorder promotion would begin December 2019.
  - Question; who owns the Field Guide? Ans. Initial donors (and associated agencies) would have digital content and logo inclusion rights.
  - Motion made by K. Krouse to have IISC share in the design cost at an amount of \$1,160. M. Kraushar second. Motion carried.
- Link IPAC & Purdue Extension (e.g. PEISWG) for Public Outreach (Dawn Slack, Elizabeth Barnes). Only general discussion has occurred on this topic. More discussions are planned. Possible venues of outreach include Purdue extension

websites, workshops, state and county fairs, CISMAs, Natural Resources Conservation Service, Master Gardeners, lawn and patio shows.

**Action Item:** Chair will contact John Orick, Purdue Master Gardener, State Coordinator, to distribute TPR fact sheets to Master Gardeners and to interns during training. D. Slack will contact IDNR coordinator of the Indiana Master Naturalist program with a similar request.

- DNR Invasive Species Website Inconsistencies - Status (Megan Abraham). No activity due to summer work load.

**Action Item:** The Chair will retain the DNR Invasive Species Website Inconsistencies issue for the December meeting.

- Callery Pear Outreach
  - Survivor Tree Seedling Program – Elkhart County Fire Chief (Dawn Slack/Megan Abraham). Survivor Tree Seedling Program is in decline in Indiana. The person that promoted the program has retired.
- County Weed Boards, Invasive Species Mgt. & CISMAs
  - Update of Purdue Noxious Weed Bulletin by Glen Nice (Steve Yaninek). Last revised 24 March 2010. Purdue Department of Botany and Plant Pathology has no plans to update the bulletin. See:  
[https://www.decatourcounty.in.gov/doc/index/weed\\_control/indiana\\_noxious\\_and\\_invasive\\_weeds\\_and\\_weed\\_laws.pdf](https://www.decatourcounty.in.gov/doc/index/weed_control/indiana_noxious_and_invasive_weeds_and_weed_laws.pdf)

**Action Item:** S. Yaninek will approach the Purdue CES ISWG to facilitate the update of the Purdue bulletin, Noxious and Invasive Weeds and The Weed Laws in Indiana.

#### 5. New business:

- USDA-NRCS Networking Conversation (Brienne Lowe, State Biologist)
  - NRCS is very involved in working with landowners on invasive species control using several financial assistance programs, e.g. Environmental Quality Incentives Program (forestry focus = 3.5 million acres), Wetland Reserve Program, Agricultural Conservation Easement Program.
  - Partners with SICIM in invasive plant issues. Program evaluation is priority.
  - Rapid assessment of invasive plant infestations is priority.
  - Some direct plant control programs are underway.
  - NRCS has someone responsible in every county. Web directory is available.
  - Partnerships of NRCS with CISMAs/Indiana Invasives Initiative are beneficial to all entities. NRCS gains greater networking resources and CISMAs gain enhanced chances of being institutionalized (state/county funded).
  - Acres treated for brush management in 2017 was 13,600; acres treated in 2018 was about 14,000, acres treated in 2019 to July was about 10,000. Some acres were retreated from one year to the next. Cost \$432/acre year one, year two is 103/ac, year 3 is \$72/ac
  - Herbaceous control is \$100/ac in year 1, \$69/ac in year 2, and \$24/ac in year 3.
- Purdue Extension Master Gardener Program Update (John Orick not present, see Appendix III for report)
- Emerging Invasive Species Issues

- Plant Pests (Megan Abraham). (1) sudden oak death, *Phytophthora ramorum*, (fungal) arrived on container plants, delimiting and containment in progress; (2) boxwood blight, *Calonectria pseudonaviculata*, (fungal) shipped into the state from infected nurseries, delimiting and containment in progress.
- Aquatic (Eric Fischer) (1) black carp, *Mylopharyngodon piceus*, found in Ohio River near Evansville, feeds on snails and mussels, Illinois has \$100 bounty. Very difficult to separate visually from grass carp. Concern is possibility of occurrence in Indiana watersheds.
- Animal Diseases (Kelli Werling) Issues of interest, not all currently found in Indiana (1) blue green algae (cyanobacteria) water toxicity; (2) African swine fever not found in the state; (3) west Nile fever positive in Elkhart and Clark Counties, no St. Louis/Eastern Encephalitis cases reported as of July. (4) Results of the Wild Pig Task Force meeting in August will be reported at the December IISC meeting.
- Plants (Dawn Slack). (1) mile-a-minute vine still in western Monroe County; vine no longer found in Clifty Falls State Park. (2); (3) Chinese yam (aka cinnamon vine, air potato) found in Jefferson, Daviess, Vermillion, Greene, Martin, Dubois; Harrison; (4) oriental bittersweet, Brown County; (5) small carpet grass found in Brown, Harrison, Floyd Counties; (6) lesser celandine, Monroe, Marion Counties; (7) wild parsnip/poison hemlock, statewide; (8) Chinese silver grass found in Harrison, Morgan, Monroe Counties; (9) Ravinia grass, location not provided; (10) black swallow wort in Allen, Marion Counties; (11) golden bamboo, location not provided.
- Invasive Plants Advisory Committee (Dawn Slack)
  - General Updates; CISMAs established in 47 counties in under 2 years. Latest CISMA initiated in Spencer County. Five regional specialists hired. Some of this information is included on the IISC website and will be updated. Many IPAC outreach activities.
  - CISMA Networking Activity w/ DNR Nature Preserves & County Weed Boards (w/ Matt Kraushar). Few contacts established. Purdue CES ISWG contact is S. Yaninek. Pathways for municipal interaction.

**Action Item:** Chair will retain CISMA Networking Activity w/ DNR Nature Preserves & County Weed Boards issue (M. Kraushar) on the December meeting agenda. M. Kraushar will continue to explore means of communication and outreach for the Council with local municipalities and other stakeholders.

**Action Item:** State Agency/Other Annual Reports w/ Shareable Info on Invasive Sp. (w/ Steve Yaninek, Dawn Slack). No activity, retain for December agenda.

- Updates from Working Groups
  - Tactical Plan
    - Networking conversations for December IISC meeting (All, see Appendix IV)

**Action Item:** M. Warner will contact Ray Moistner, Exec. Dir. Indiana Hardwood and Lumbermen's Association for potential networking conversation at the December meeting.

**Action Item:** Chair will contact Dr. Mo Zhou Purdue University or Dr. Abigail Sullivan, Indiana University with activity updates for potential networking conversation at the December meeting.

**Action Item:** M. Kraushar will determine a spokesperson for Quail Forever as a backup or future networking conversation.

- Funding
  - Summer Study Task Force for Long-term CISMA Funding/ Priorities and recommendations for CISMA funding as guide for legislative summer study commission (Jeff Cummins or Katie Nelson).
  - SICIM is creating/has a letter for support of the creation of the Summer Study Task Force.

**Action Item:** D. Slack will contact Jeff Cummins for an update and guidance on IISC support (letter and potential contacts) for potential Summer Study Task Force for Long-term CISMA Funding/ Priorities.

- IISC Executive Director Funding (All): Summer Study Task Force for Long-term CISMA Funding/ Priorities might be a similar vehicle for IISC director funding. The IISC statutes/tasks/structure should be re-evaluated as current term of council ends (2022?). Number of IISC members and quorum should be reconsidered. Should a request for consideration to increase the IISC membership be included in the Biennial report? Ans. yes (i.e. State Chemist Indiana, Dept of Environmental Management, CISMA, non-state agency).
- Communications & Website (Dawn Slack)
  - Digest of Agency Invasive Species Action Plans for IISC website (All): see action item under Invasive Plant Advisory Committee above.
- Education and Outreach (Mike Warner) no report.
  - D. Slack reported that the Biennial Conference is due in 2020. CISMAs and Indiana Invasives Initiative support IISC holding a conference.

**Action Item:** Chair will contact past biennial committee to determine the potential membership of the 2020 biennial conference committee. Committee co-chairs are M. Abraham, Eric Fischer, and D. Slack. Potential committee members include S. Yaninek, E. Barnes, M. Warner, M. Kraushar.

**Action Item:** 2020 conference committee will meet to draft a meeting agenda to present to IISC at December meeting.

- Potential Theme: CISMA networking with state agencies (extending last year's theme of networking among CISMAs)
- Potential Piggyback Conference Partner: Indiana Conservation Partnership (Dawn will connect with Laura of ICP).
- Audience: CISMA, state agencies, invasive plant control practitioners, foresters, Indiana Conservation Partnership
- Initial list of possible workshops/presentations:
  - Presentations/discussions on methods of capturing, reporting, and tracking natural area data with comparisons of advantages and disadvantages.
  - Involve continuing credits to attract state agencies to conference: herbicide training, Lenny Farlee, Soc. Amer. Foresters-related presentation.

- Committee should check with council members to find out what types of continuing education credits would attract participants.
  - BOAH Animal Disease Protocols & Response.
  - Past conference participants indicated that time/opportunities for partner networking should be increased.
  - Agency and CISMA working together to plan a workshop/presentation component of the conference.
  - Non-plant invasive species topics should not be overlooked.
  - Understanding protocols and responses to invasive species at public, state and federal levels.
  - New and emerging pests.
  - Right-of-way invasive plant management
- IISC Chair for 2020
    - No nominations.

6. Updates or announcements from the Council and public

**Action Item:** Chair will contact S. Yaninek to explore adding “Donate to IISC” mechanism to IISC website.

7. Next meeting date: Dec 12, 2019

8. Next steps/action items

- D. Slack will request estimates of reed canary grass acres infested and control cost from IPAC participants and NCRS partners. E. Jacquart will review 2012 IPAC invasive plant management survey to identify respondents who might be able to provide acre and cost data for reed canary grass.
- 2020 IISC Chair will add an agenda item to the January meeting to discuss the most current IPAC list of potential species to add to the TPR.
- Chair will contact John Orick, Purdue Master Gardener, State Coordinator, to distribute TPR fact sheets to Master Gardeners and to interns during training. D. Slack will contact IDNR coordinator of the Indiana Master Naturalist program with a similar request.
- The Chair will retain the DNR Invasive Species Website Inconsistencies issue for the December meeting.
- S. Yaninek will approach the Purdue CES ISWG to facilitate the update of the Purdue bulletin, Noxious and Invasive Weeds and The Weed Laws in Indiana.
- Chair will retain CISMA Networking Activity w/ DNR Nature Preserves & County Weed Boards issue (M. Kraushar) on the December meeting agenda. M. Kraushar will continue to explore means of communication and outreach for the Council with local municipalities and other stakeholders.
- Retain for December agenda. State Agency/Other Annual Reports w/ Shareable Info on Invasive Sp. (w/ Steve Yaninek, Dawn Slack).

- M. Warner will contact Ray Moistner, Exec. Dir. Indiana Hardwood and Lumbermen's Association for potential networking conversation at the December meeting.
- Chair will contact Dr. Mo Zhou Purdue University or Dr. Abigail Sullivan, Indiana University for activity updates.
- M. Kraushar will determine a spokesperson for Quail Forever as a backup or future networking conversation.
- D. Slack will contact Jeff Cummins for an update and guidance on IISC support (letter and potential contacts) for potential Summer Study Task Force for Long-term CISMA Funding/ Priorities.
- Chair will contact past biennial committee to determine the potential membership of the 2020 biennial conference committee. Committee co-chairs are M. Abraham, Eric Fischer, and D. Slack. Potential conference committee members include S. Yaninek, E. Barnes, M. Warner, M. Kraushar.
- 2020 conference committee will meet to draft a meeting agenda to present to IISC at December meeting.
- Chair will contact S. Yaninek to explore possibility of adding "Donate to IISC" mechanism to IISC website.

2:53 PM – Motion to Adjourn by K. Krouse. Motion second by M. Abraham. Motion carried.

**Appendix I. Historical IDNR economic impact survey used to support the request for a Terrestrial Plant Rule.**

The following are the plants that are under consideration.

<i>Acer platanoides</i> ( <b>Norway maple</b> )	<i>Lespedeza cuneata</i> ( <b>sericea lespedeza</b> )
<i>Alnus glutinosa</i> ( <b>black alder</b> )	<i>Lingstrum obtusifolium</i> ( <b>blunt leaved privet</b> )
<i>Celastrus orbiclatu</i> s ( <b>Asian Bittersweet</b> )	<i>Lonicera japonica</i> ( <b>Japanese honeysuckle</b> )
<i>Coronilla varia</i> ( <b>crown vetch</b> )	<i>Lonicera maackii</i> ( <b>amur honeysuckle</b> )
<i>Cynachum louiseae</i> ( <b>black swallow-wort</b> )	<i>Lonicera morrowii</i> ( <b>Morrow's honeysuckle</b> )
<i>Cynachum rossicum</i> ( <b>pale swallow-wort</b> )	<i>Lonicera tatarica</i> ( <b>tatarian honeysuckle</b> )
<i>Elaeagnus umbellate</i> ( <b>autumn olive</b> )	<i>Lonicera x bella</i> ( <b>Bell's honeysuckle</b> )
<i>Euonymous fortunei</i> ( <b>wintercreeper</b> )	<i>Phalaris arundinacea</i> ( <b>Reed canary grass</b> )
<i>Fallopia japonica</i> ( <b>Japanese knotweed</b> )	<i>Phellodendron amurense</i> ( <b>amur cork tree</b> )
<i>Fragula alnus</i> ( <b>glossy Buckthorn</b> )	<i>Phragmites australis</i> ( <b>common reed</b> )
<i>Humulus japonica</i> ( <b>Japanese hops</b> )	<i>Pyrus calleryana</i> ( <b>Callery Pear</b> )
<i>Hesperus matronalis</i> ( <b>dame's rocket</b> )	<i>Rhamnus cathartica</i> ( <b>common buckthorn</b> )

Answer the questions below for each of the above plants you are currently growing/selling.

What is the monetary value of each crop you grow/sell that is on the list?

How many plants do you have of each species?

How many years would your production cycle take to phase out each species?

Are there other states you could sell these species?



**Appendix I continued. Historical IDNR economic impact survey used to support the request for a Terrestrial Plant Rule.**

#Nurseries	Plants grown/sold	Monetary value	How many plants	Phase out time	Selling out of state
1	<i>Acer platanoides</i> (Norway maple)	4,500	125	3	yes
1	<i>Acer platanoides</i> (Norway maple)	10,000	200	4	yes
1	<i>Acer platanoides</i> (Norway maple)	150,000	1,000	4	no
1	<i>Acer platanoides</i> (Norway maple)	20,000	300	6	no
1	<i>Acer platanoides</i> (Norway maple)	3,000	15	1	yes
1	<i>Acer platanoides</i> (Norway maple)	150,000	2,000	5	yes
1	<i>Acer platanoides</i> (Norway maple)	3,000	50	8	
1	<i>Acer platanoides</i> (Norway maple)	6,000	100	5	no
1	<i>Acer platanoides</i> (Norway maple)	46,000	195	1	yes
1	<i>Acer platanoides</i> (Norway maple)	125,000	1,000	6	
1	<i>Acer platanoides</i> (Norway maple)	75,000	300	4	no
1	<i>Acer platanoides</i> (Norway maple)	0	0	3	no
<b>12</b>	<b><i>Acer platanoides</i> (Norway maple)</b>	<b>593,300</b>	<b>5,285</b>	<b>4</b>	<b>some</b>
<b>1</b>	<b><i>Alnus glutinosa</i> (black alder)</b>	<b>1,000</b>	<b>100</b>	<b>5</b>	<b>yes</b>
1	<i>Euonymus fortunei</i> (wintercreeper)	100	40	4	yes
1	<i>Euonymus fortunei</i> (wintercreeper)	4,000	3,500	6	no
1	<i>Euonymus fortunei</i> (wintercreeper)	1,000	100	8	
1	<i>Euonymus fortunei</i> (wintercreeper)	70,700	1,718	1	yes
1	<i>Euonymus fortunei</i> (wintercreeper)	15,000	12,000	2	no
1	<i>Euonymus fortunei</i> (wintercreeper)	3,500	150	3	no
<b>6</b>	<b><i>Euonymus fortunei</i> (wintercreeper)</b>	<b>94,300</b>	<b>17,508</b>	<b>4</b>	<b>some</b>
1	<i>Lonicera maackii</i> (amur honeysuckle)	100	20	4	yes
1	<i>Lonicera maackii</i> (amur honeysuckle)	100	20	6	no
1	<i>Lonicera maackii</i> (amur honeysuckle)	280	37	1	yes
1	<i>Lonicera maackii</i> (amur honeysuckle)	28	2	1	no
<b>4</b>	<b><i>Lonicera maackii</i> (amur honeysuckle)</b>	<b>508</b>	<b>79</b>	<b>3</b>	<b>some</b>
1	<i>Pyrus calleryana</i> (Callery pear)	10,000	300	5	yes
1	<i>Pyrus calleryana</i> (Callery pear)	15,000	400	4	yes
1	<i>Pyrus calleryana</i> (Callery pear)	1,500	50	1	no
1	<i>Pyrus calleryana</i> (Callery pear)	20,000	300	6	no
1	<i>Pyrus calleryana</i> (Callery pear)	6,000	200	8	
1	<i>Pyrus calleryana</i> (Callery pear)	3,000	15	1	yes
1	<i>Pyrus calleryana</i> (Callery pear)	30,000	900	7	
1	<i>Pyrus calleryana</i> (Callery pear)	150,000	2,000	5	yes
1	<i>Pyrus calleryana</i> (Callery pear)	6,000	100	5	no
1	<i>Pyrus calleryana</i> (Callery pear)	206,200	2,351	2	yes
1	<i>Pyrus calleryana</i> (Callery pear)	100,000	400	4	no
1	<i>Pyrus calleryana</i> (Callery pear)	2,000	15	3	no
1	<i>Pyrus calleryana</i> (Callery pear)	200,000	8,000	4	no
1	<i>Pyrus calleryana</i> (Callery pear)	400,000	4,000	10	
1	<i>Pyrus calleryana</i> (Callery pear)	1,500	20	1	no
1	<i>Pyrus calleryana</i> (Callery pear)	1,300	10	1	no
<b>16</b>	<b><i>Pyrus calleryana</i> (Callery pear)</b>	<b>1,152,500</b>	<b>19,061</b>	<b>4.19</b>	<b>some</b>
1	<i>Rhamnus cathartica</i> (common buckthorn)	2,000	100	4	yes
1	<i>Rhamnus cathartica</i> (common buckthorn)	5,000	25	1	yes
1	<i>Rhamnus cathartica</i> (common buckthorn)	900	30	2	no
<b>3</b>	<b><i>Rhamnus cathartica</i> (common buckthorn)</b>	<b>7,900</b>	<b>155</b>	<b>2.33</b>	<b>some</b>

Kyle's survey

5	<i>Acer platanoides</i> (Norway maple)	130,900	1,612	3	majority say
1	<i>Alnus glutinosa</i> (black alder)	15,000	150	3	no or 1
4	<i>Euonymus fortunei</i> (wintercreeper)	58,000	28,950	2	don't know
7	<i>Pyrus calleryana</i> (Callery pear)	676,100	8,500	3	

# Indiana Terrestrial Plant Rule FAQ Sheet

## THE RULE

Beginning April 18, 2020, no one may sell, gift, exchange, distribute, transport or introduce any of the 44 species (see list on back side) without a permit from the IN Department of Natural Resources - Division of Entomology and Plant Pathology (DEPP). DEPP is the regulatory authority of the rule. The full text of the rule is posted at this link: [https://www.in.gov/nrc/files/lsa18316\\_proposed.pdf](https://www.in.gov/nrc/files/lsa18316_proposed.pdf)

## FREQUENTLY ASKED QUESTIONS

**Why is the rule necessary?** Impacts of invasive species include: loss of biodiversity; degradation of natural habitats; negative effects on property values; decreased agricultural yields; negative impacts on public utilities; recreation, and tourism. Indiana landowners and managers spend greater than \$8.6 million dollars annually to manage invasive plants in Indiana.

**How were the 44 species determined to be invasive?** Species included in the terrestrial plant rule were assessed through a scientific and transparent system by a team of experts that included representatives from horticulture, landscape, nursery, research, conservation, and Purdue Agriculture. Links to assessments are available from the Official Indiana Invasive Plant list at: <https://www.entm.purdue.edu/iisc/invasiveplants.html>

**Why aren't all the invasive plants on the Official Indiana Invasive Plant list in this rule?** The rule includes plants ranked high on the official list, except for Callery pear and Norway maple. These two species were not included in the rule because the State determined that including them would cause too great of an impact to growers of those species.

**Are all 44 species sold for landscaping?** No, DEPP reported about 22 of the 44 regulated species are sold in trade; however, this rule also prohibits the sharing, transport, and exchange of all species listed.

**May I purchase a species online?** Not legally.

**May I share a species with friend or family?** Not legally.

**What if I have one of the 44 species growing on my property – is it illegal?** No, but you cannot share it, transport it, exchange it, etc.

**What is the punishment for violating the rule?** DEPP has authority to issue a \$500 fine per incident per day.

**Will other species be added to the rule?** As plant species are assessed, those ranked high will proceed through the rule amendment process for potential inclusion in the future.

**Are these Noxious Weeds?** No. Noxious Weeds are a different regulatory category and include Canada thistle, bur cucumber, Johnson grass, shattercane, and Columbus grass.

## How Can You Help?

If you see these invasive plants for sale, being exchanged or transported after April 18, 2020 contact your nursery inspector. Contact information is found here:

<https://www.in.gov/dnr/entomolo/7416.htm>

You can help us gather data to assess invasive species by reporting on EDDMaps at the website or via the GLEDN app. Information about both applications is found here: <https://www.eddmaps.org/indiana/>

You can remove invasive species from your landscape and plant native species.

You can avoid using Callery pear, Norway maple, and other invasive plants on the official list that did not get included in the rule.

## FOR ADDITIONAL INFORMATION

For information about invasive species please see the following links:

Indiana Invasive Species Council:  
<https://www.entm.purdue.edu/iisc/>

Southern IN Cooperative Invasives Management:  
<http://www.sicim.info/>

Midwest Invasive Plant Network:  
<https://www.mipn.org/>

For information about native species: Indiana Native Plant Society:  
<https://indiananativeplants.org/>



Invasive Plant  
Advisory Committee

**Appendix II continued. Terrestrial Plant Rule FAQ Sheet.**

Prohibited Invasive Terrestrial Plants [312 IAC 18-3-25]

Latin Name	Common Name
<i>Achyranthes japonica</i>	Japanese chaff flower
<i>Ailanthus altissima</i>	Tree of heaven
<i>Alliaria petiolate</i>	Garlic mustard
<i>Alnus glutinosa</i>	Black alder
<i>Artemisia vulgaris</i>	Mugwort
<i>Arthraxon hispidus</i>	Small carpgrass
<i>Berberis thunbergii</i>	Japanese barberry
<i>Carduus acanthoides</i>	Spiny plumeless thistle
<i>Carduus nutans</i>	Musk thistle
<i>Celastrus orbiculatus</i>	Asian bittersweet
<i>Centaurea stoebe</i>	Spotted knapweed
<i>Cirsium vulgare</i>	Bull thistle
<i>Conium maculatum</i>	Poison hemlock
<i>Convolvulus arvensis</i>	Field bindweed
<i>Coronilla varia</i>	Crown vetch
<i>Dioscorea polystachya (oppositifolia)</i>	Chinese yam
<i>Dipsacus fullonum</i>	Common teasel
<i>Dipsacus laciniatus</i>	Cut-leaved teasel
<i>Elaeagnus umbellata</i>	Autumn olive
<i>Euonymus fortunei</i>	Wintercreeper
<i>Euphorbia virgata</i>	Leafy spurge
<i>Frangula alnus</i>	Glossy buckthorn
<i>Humulus japonica</i>	Japanese hops
<i>Hesperis matronalis</i>	Dame's rocket
<i>Lespedeza cuneata</i>	Sericea lespedeza
<i>Lepidium latifolium</i>	Pepperweed
<i>Ligustrum obtusifolium</i>	Blunt leaved privet
<i>Lonicera japonica</i>	Japanese honeysuckle
<i>Lonicera maacki</i>	Amur honeysuckle
<i>Lonicera morrowii</i>	Morrow's honeysuckle
<i>Lonicera tatarica</i>	Tatarian honeysuckle
<i>Lonicera x bella</i>	Bell's honeysuckle
<i>Microstegium vimineum</i>	Japanese stiltgrass
<i>Morus alba</i>	White mulberry
<i>Phalaris arundinacea</i>	Reed canarygrass
<i>Phellodendron amurense</i>	Amur cork tree
<i>Phragmites australis subspecies australis</i>	Common reed
<i>Polygonum perfoliatum</i>	Mile-a-minute vine
<i>Reynoutria japonica (syn. Fallopia japonica)</i>	Japanese knotweed
<i>Reynoutria sachalinensis</i>	Giant knotweed
<i>Reynoutria x bohemica</i>	Bohemian knotweed
<i>Rhamnus cathartica</i>	Common buckthorn
<i>Vincetoxicum nigrum</i>	Black swallow-wort
<i>Vincetoxicum rossicum</i>	Pale swallow-wort

## **Appendix III – Purdue Extension Master Gardener Program Update**

### **Purdue Extension Master Gardener Program Update For Indiana Invasive Species Council July 23, 2019 By John Orick, Purdue EMG State Coordinator**

#### **Scope and Purpose of the Purdue Extension Master Gardener (EMG) Program**

The purpose of the Purdue Extension Master Gardener Program is to train volunteers to assist Purdue Extension with home horticulture education in Indiana communities. In 2018, Purdue Extension Educators trained over 400 Purdue EMG interns. Likewise, during 2018, there were over 2,700 active Purdue EMG volunteers who contributed over 174,000 volunteer hours valued at over \$4.1 million to Indiana residents. Purdue EMG's made over 700,000 educational contacts with Indiana residents.

#### **Training Requirements**

In 2018, the [Purdue EMG State Advisory Committee](#) recommended adding “Invasive Species” to the list of required core topics for the Purdue EMG Basic Training for new EMG interns beginning in Fall 2019. Our Purdue Extension Invasive Species team is currently developing materials for Extension Educators to use to train new and existing Purdue EMG's on the topic of invasive species.

## **Appendix IV – Networking conversations w/ IISC**

### **2018**

- 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

### **2019**

- Feb 2019: DNR Nature Preserves – Tom Swinford
- May 2019:
  - County Weed Boards – Steve Berg, Ken Eck
  - Brenda Howard – Indy Parks

### **Prospective speakers:**

- US Customs & Border Protection – branch concerned with Ag pest and diseases
- SWCD – statewide leadership
- Land trusts
- Master Gardeners – John Orick, Purdue Horticulture and Landscape Architecture department
- 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
- Quail Forever (consult with M. Kraushar for potential contact?)

**Appendix IV – IISC Planner for 2019**

<b>DUTIES</b>	<b>Key Action Items for 2019</b>	<b>Working Group/Person</b>
[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 Cummins
[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	Megan Abraham
	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  - Grower/Seller  - General Public	Megan Abraham  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  Right-of-Way Managers Invasive Species Training	Heather Reynolds, Liz Barnes, Dawn Slack  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"> <li>2019 is off year</li> </ul>	
[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	
[Sec.4. (7)] Assist state agencies in reviewing the agencies' performance measures for accountability concerning the agencies' invasive species actions.	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.	Continue conversation – how do we help state agencies get better funding for the invasive species work that they do?
[Sec.4. (8)] Receive reports from any governmental agency regarding actions taken on recommendations of the council.	Ongoing: Terrestrial Plant Rule, website inconsistencies re: invasive species reporting, INDOT Standard Specifications in progress	Megan Abraham  Matt Kraushar
[Sec.4. (9)] Apply for grants.	<ul style="list-style-type: none"> <li>Feb meeting: Ad hoc working group for funding presents priorities and</li> </ul>	Jeff Cummins Steve Yaninek Rick Haggard

	recommendations for CISMA funding as guide for legislative summer study commission	
[Sec.4. (10)] Provide grants for education about or management of invasive species.	July Meeting: Receive reports from IISC ad hoc group on funding priorities	Steve Yaninek