



Indiana Cooperative Agricultural Pest Survey (CAPS) Program

Indiana CAPS State Survey Committee May 30th, 2007 Meeting Minutes

Attendance:

Christopher Pierce
Gary Simon
Bob Waltz
Steve Yaninek
Gail Ruhl
Karen Rane
Melissa Shepson
Carole Lembi
Glenn Nice

Overview of 2006 Surveys

2006 Indiana CAPS Surveys:

- [Giant African Land Snail Survey](#): (Survey results negative)
- [Hot Zone \(Exotic Invasive Bark and Woodboring Beetles\) Survey](#)
- [Old World Bollworm Survey](#): (Survey results negative)
- [Siberian Silk Moth Survey](#): (Survey results negative)
- [Sirex Noctilio Survey](#): (Survey results negative)
- [Sudden Oak Death Survey](#)(Survey results negative)

2006 Additional Invasive Species Surveys:

- [Asian Gypsy Moth Survey](#): (Survey results negative)
- [Asiatic Soybean Rust Survey](#)
- [Emerald Ash Borer Survey](#)
- [European Gypsy Moth Survey](#) (Survey results negative – New county added)
- [Giant Hogweed Survey](#)
- [Karnal Bunt of Wheat Survey](#): (Survey results negative)
- [Kudzu Survey](#)
- [Pine Shoot Beetle Survey](#): (Survey results negative – No new counties added)
- [Sirex Noctilio Port Survey](#): (Survey results negative)



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New Exotic Invasive Species State Records - 2006:

- [Asiatic Garden Beetle](#): In 2006, Asiatic garden beetle was collected from traps in Allen, Porter, and St. Joseph Counties in northern Indiana.
- [Asiatic Soybean Rust](#): In October 2006, Asian soybean rust was detected on soybean leaf samples from 6 Indiana counties (Know, Vanderburgh, Pike, Posey, Warrick, and Tippecanoe). Incidence was low, and the disease had no impact on yield in 2006.
- [European Chafer](#): In 2006, European chafer was collected from traps in Allen, Porter and St. Joseph Counties in northern Indiana.
- [Hydrilla](#): On August 31, 2006, hydrilla was confirmed in Lake Manitou (Fulton County, at Rochester).
- [Ramorum Blight/ SOD](#): *Ramorum* blight/ SOD was detected in Indiana for the first time in July 2006, on a viburnum that had been shipped to a retail outlet from an Oregon nursery. Surveys are conducted annually in Indiana nurseries that receive plant material from west coast sources. Plants were quarantined and eradicated.
- [Roman Snail](#): In 2006, Roman snail was first detected in Fayette County.

New Exotic Invasive Species County Records - 2006:

- [Common Pine Shoot Beetle](#): In 2007, common pine shoot beetle was reported in Switzerland County. In Indiana, 67 of the 92 counties are under quarantine for common pine shoot beetle.
- [Emerald Ash Borer](#): In 2006, emerald ash borer was found in the following counties: Allen, DeKalb (Newville Township 03-03-07), Hamilton, Huntington, Marion, Porter, St. Joseph, and White. Emerald ash borer is known to occur in 13 Indiana counties: Adams, Allen, DeKalb, Hamilton, Huntington, Lagrange, Marion, Porter, Randolph, St. Joseph, Steuben, Wells (03-19-2007), White, and Whitley (05-09-07).



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- [Giant Hogweed](#): In 2006, giant hogweed was found near Lakeville (St. Joseph County). Also, in 2004, giant hogweed was found near Warsaw, Indiana (Kosciusko County). Eradication of both giant hogweed sites is ongoing.
 - [Giant Resin Bee](#): In 2006, Giant resin bee was discovered in two locations in Tippecanoe County.
 - [Granulate Ambrosia Beetle](#): Granulate ambrosia beetle (a.k.a. Asian ambrosia beetle) was found in the following Indiana Counties: Bartholomew, Boone, Crawford, Hamilton, Jefferson, Orange, Scott, and Switzerland. Since 2002 when it was first discovered in Indiana in Jackson County, granulate ambrosia beetle occurs in 41 counties in Indiana.
 - [Japanese Stilt Grass](#): In 2006, Japanese stilt grass was reported at Fort Harrison State Park in Marion County. Japanese stilt grass can be found in 21 Indiana Counties.
 - [Large Yellow Underwing](#): Large yellow underwing was discovered in the following Indiana Counties: Dubois, Jennings, Porter, Tippecanoe, and Whitley.
 - [Kudzu](#): In 2007, kudzu was reported in Howard and Vigo Counties. To date, kudzu is known to occur in 35 counties; in all, there are 102 sites totaling 100.65 acres of kudzu.
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2007 Indiana CAPS Surveys:

- [Giant African Land Snail Survey](#):
- [Hot Zone \(Exotic Invasive Bark and Woodboring Beetles\) Survey](#)
- [Old World Bollworm Survey](#)
- [Potato Cyst Nematode Survey](#)
- [Siberian Silk Moth Survey](#)
- [Sudden Oak Death Survey](#)



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2007 Additional Invasive Species Surveys:

- Asian Gypsy Moth Survey
 - Asiatic Soybean Rust Survey
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 - Karnal Bunt of Wheat Survey
 - Kudzu Survey
 - Pine Shoot Beetle Survey
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P&PDL: Central Repository for invasive plant pest samples:

- Gail and Karen have noted an increase in the number of calls associated with invasive plants
- Protocol for invasive plant pest claims: Who goes out to identify invasive plants? Need to establish a protocol
- Who funds for lab identification?
- Exotic invasives should be charged to exotics – Christopher will check with Phil Marshall about CAPS and IDNR support
- CAPS should be able to support \$2,000-3,000.00 for infrastructure for FY 2008 (identification).

Voucher specimens:

- What about herbarium/voucher samples? Butler University is a repository site as is Notre Dame University
- Becky Dolan (Butler University) – Voucher samples
- Collecting samples is very important; it is particularly important to document quarantined items, they should definitely be vouchered
- What about a gap in the “chain of custody”?
- Use GPS coordinates to document location of samples
- Invasive insects are vouchered in the Department of Entomology at Purdue



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Invasive Species Communication Plan:

- What about a communication plan? Indiana CAPS program makes sure that everybody knows (but it didn't work with hydrilla last year). In the process of developing a communication plan that addresses each entity involved in invasive plant pests
- Flow chart to display – how do we let everyone know about a positive find (whether exotic or invasive)
- Central repositories for information: P&PDL and 1-866-NOEXOTIC
- We need to give state and federal agencies to come up with a plan of action if pest is actionable
 - Marty Benson at IDNR and Jodie Ellis are responsible for press releases

CAPS committee membership:

- James Carroll, USDA APHIS PPQ: retired
- James Pheasant, Purdue University: retired
- Bob Waltz, IDNR: Now State Chemist (Still active member of CAPS)
- Removed Ad-hoc status
- Carole Lembi and Doug Keller are full committee members
- Susan Schechter will be invited to replace James Pheasant and become a member of the Indiana CAPS Committee due to her involvement with NAPIS and can provide National input
- Current CAPS representation provides a “bridge” between Industry

CAPS Web site:

- In the process of being revamped
- User friendly
- Will be asking to review before public release
- Want to release to public in June (June is “Invasive Species” Month)
- New format will allow to search Indiana’s “Most Unwanted” invasive plant pest list by:
 - Pest
 - Commodity
 - Distribution: All recorded invasive plant pests by county



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FY 2008 Work plan and surveys:

- FY 2008 Work plan is due August 15th, 2007
- Tiers for funding 100K, 200K, 400K
- Applying for 200K due to educational outreach, data entry and Indiana CAPS Web site

- Soybean commodity survey – Talk to the following about existing surveys
 - Chris Novak
 - Christian Krupke
 - Bill Connolly
 - Bill Johnson
 - Greg Shanier
 - PIPE sentinel sites scattered throughout IN

- Hardwood is the most valuable commodity
 - Jeff Holland – Exotic bark and woodboring beetle survey

- Infrastructure: Palm pilots for ISIS next year
- Pests to add to FY 2008 list
 - *Xylella* survey
 - Black swallowwort
 - Hill mustard
 - Plum pox virus survey?
 - EAB as a national threat – identify what you want to do, budget, then expand in case you get additional support
 - Mullosks (USDA APHIS PPQ survey)
 - Chris will talk to neighboring states regarding surveys

Next Indiana CAPS meeting: Reconvene to identify core activities

- Christopher will schedule a meeting = more news to follow
- Week of July 9th – 13th
- Week of July 16 – 20th



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