

Pest Detection / CAPS Survey Accomplishment Report Template – FY2024

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|---|---|
| Year: | 2024 |
| State: | Louisiana |
| Cooperative Agreement Name: | Forest Pest Survey |
| FAIN: | AP24PPQFO000C290 |
| Project Funding Period: | January 1, 2024 through December 31, 2024 |
| Project Report: | PD / CAPS Survey Report |
| Project Document Date: | March 10, 2025 |
| Cooperators Project Coordinator: | State Survey Coordinator (SSC) |
| Name: | J. Brett Laird |
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|-----------------------------------|-------------------------------------|
| Quarterly Report | <input type="checkbox"/> |
| Semi-Annual Accomplishment Report | <input type="checkbox"/> |
| Annual Accomplishment Report | <input checked="" type="checkbox"/> |

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- A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. If reporting on a combined surveys work plan, report accomplishments by survey. When the output can be quantified, a computation of cost per unit is required when useful. *

The Louisiana Department of Agriculture and Forestry (LDAF) entered into a Cooperative Agreement with the United States Department of Agriculture (USDA), Animal Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) in 2024 to conduct a Forest Pest Survey. LDAF conducted this survey according to survey guidelines set forth by the USDA, APHIS, PPQ in 2024.

LDAF Agriculture and Environmental Science (AES) inspectors were utilized to conduct this survey. Three traps consisting of (1) lindgren funnel, (8) wet traps, and (2) cross vane panel traps were deployed at 11 high risk locations throughout the state of Louisiana. Traps were deployed in July, 2024 and decommissioned in October, 2024. Traps were serviced once a month and inspectors performed a visual survey of the surrounding area each trip. Trap catches were shipped to Dr. Joshua Jones (PPQ Identifier) at the USDA APHIS PPQ office in Kenner, Louisiana for secondary screening and then forwarded to Robert Androw at Carnegie Museum of Natural History in Pittsburg, PA for final determination. All survey targets were negative and all data received from this survey was entered into the NAPIS database.

Outreach continues to be a major objective for the Forest Pest Survey and is performed prior to trap deployment and each time traps are serviced. LDAF AES inspectors educate each property owner of the survey targets, and the symptoms associated with each, thus increasing public awareness and communication of the threats posed by the targeted pests in the Forest Pest Survey.

| Funding Amount | Total Number of Traps | Cost Per Unit |
|---------------------|-----------------------|---------------|
| Proposed = \$15,977 | Proposed = 33 | Proposed= n/a |
| Actual = \$15,977 | Actual = 33 | Actual = n/a |

1. Survey methodology (trapping protocol):

| | Common Name | Scientific Name |
|-------|--------------------------------|---------------------------------|
| Pest: | Asian Longhorn Beetle | <i>Anoplophora glabripennis</i> |
| | Black Fir Sawyer Beetle | <i>Monochamus urussovii</i> |
| | European Spruce Bark Beetle | <i>Ips typographus</i> |
| | Brown Spruce Longhorned Beetle | <i>Tetropium fuscum</i> |
| | Japanese Pine Sawyer Beetle | <i>Monochamus alternatus</i> |
| | Large Pine Weevil | <i>Hylobius abietis</i> |
| | Scots Pine Blister Rust | <i>Cronartium flaccidum</i> |
| | Six-toothed Bark Beetle | <i>Ips sexdentatus</i> |
| | Black Spruce Beetle | <i>Tetropium castaneum</i> |

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| | Proposed | Actual |
|---------------------------|----------|--------|
| Sites (Locations): | 11 | 11 |
| Traps: | 33 | 33 |

| | |
|----------------------------|---|
| Counties: | Avoyelles, Bossier, Caddo, Catahoula, East Feliciana, Morehouse, Pointe Coupee, Richland, Sabine, Union, Webster. |
| Number of Counties: | 11 |

2. Survey dates:

| | Proposed | Actual |
|----------------------|---|---|
| Survey Dates: | January 1, 2024 through December 31, 2024 | January 1, 2024 through December 31, 2024 |

3. Benefits and results of survey:

| | Positive | Negative | Total Number |
|--------------|----------|----------|--------------|
| Traps | n/a | n/a | 33 |

4. Database submissions:

Was all Pest Detection / CAPS survey data entered into the National Agricultural Pest Information System (NAPIS)? If not, please provide a justification. *ADODRs should consult with the [CAPS Accountability Report](#) to confirm data entry.*

All survey data was entered into the NAPIS database at the conclusion of the survey by Brett Laird (SSC, Louisiana) on 01-27-2025.

B. If appropriate, explain why objectives were not met.*

All objectives proclaimed for this survey were exceeded.

C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000. *

At the conclusion of this survey, LDAF incurred cost overruns in the amount of \$3,499.