

Pest Detection / CAPS Survey Accomplishment Report Template – FY2019

Year:	2019
State:	Louisiana
Cooperative Agreement Name:	Forest Pest Survey
FAIN:	AP19PPQFO000C099
Project Funding Period:	January 1, 2019 through December 31, 2019
Project Report:	PD / CAPS Survey Report
Project Document Date:	March, 2020
Cooperators Project Coordinator:	State Survey Coordinator (SSC)
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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.*

B.

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 2019 to conduct a Forest Pest Survey. LDAF conducted this survey according to survey guidelines set forth by the USDA APHIS PPQ in 2019. This project executed by LDAF is strengthening its relationships with a state wide network of cooperators that are helping to identify exotic pest threats, determining and implementing the most effective means of preventing, detecting, and responding to new exotic pests. LDAF is also communicating risks and needs to land management personnel, relevant industries and the public.

LDAF Agriculture and Environmental Science (AES) inspectors were utilized to conduct this survey. Three traps consisting of (2) lindgren funnel (8) wet traps and (1) cross vane panel trap were deployed at 14 high risk locations throughout the state of Louisiana. Traps were deployed in July, 2019 and decommissioned in November, 2019. Traps were serviced once a month and inspectors performed a visual survey of the surrounding area each trip. Trap catches were shipped to Mrs. Jennifer Seltzer (Mississippi State University Entomological Museum) for identification. All survey targets were negative and all data received from this survey was entered into the NAPIS database. Sample catches did result in a new state record of *Ambrosiodmus minor* (Stebbing) (Curculionidae). This new state record has also been 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 = 42	Proposed= n/a
Actual = \$15,977	Actual = 42	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>
	European Spruce Beetle	<i>Dendroctonus micans</i>
	Japanese Oak Wilt	<i>Raffaelea quercivora</i>
	Japanese Pine Sawyer Beetle	<i>Monochamus alternatus</i>

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	Large Pine Weevil	<i>Hylobius abietis</i>
	Mediterranean Pine Engraver	<i>Orthotomicus erosus</i>
	Scots Pine Blister Rust	<i>Cronartium flaccidum</i>
	Six-toothed Bark Beetle	<i>Ips sexdentatus</i>
	Six-toothed Spruce Bark Beetle	<i>Pityogenes chalcographus</i>
	Slender-banded Pinecone Longhorn Beetle	<i>Chlorophorus strobilicola</i>

	Proposed	Actual
Sites (Locations):	14	14
Traps:	42	42

Number of Counties:	13
Counties:	Avoyelles, Bossier, DeSoto, East Feliciana, Lincoln, Morehouse, Natchitoches, Pointe Coupee, Richland, Sabine, Tensas, Union, Webster.

2. Survey dates:

	Proposed	Actual
Survey Dates:	January 1, 2019 through December 31, 2019	January 1, 2019 through December 31, 2019

3. Benefits and results of survey:

	Positive	Negative	Total Number
Traps	n/a	n/a	42

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).

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

All objectives were obtained during this survey.

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

The Forest Pest Survey incurred cost overruns of approximately \$4,717. This was due to more than expected personnel, fringe benefits and travel charges.