

**CAPS Survey Report**

<b>Year:</b>	2013
<b>State:</b>	Oklahoma
<b>Cooperative Agreement Name:</b>	Wood Commodity Survey
<b>Cooperative Agreement Number:</b>	13-8444-1446-CA
<b>Project Funding Period:</b>	January 1 <sup>st</sup> - December 31 <sup>st</sup> 2013
<b>Project Report:</b>	<b>CAPS Survey Report</b>
<b>Project Document Date:</b>	March 10, 2015
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

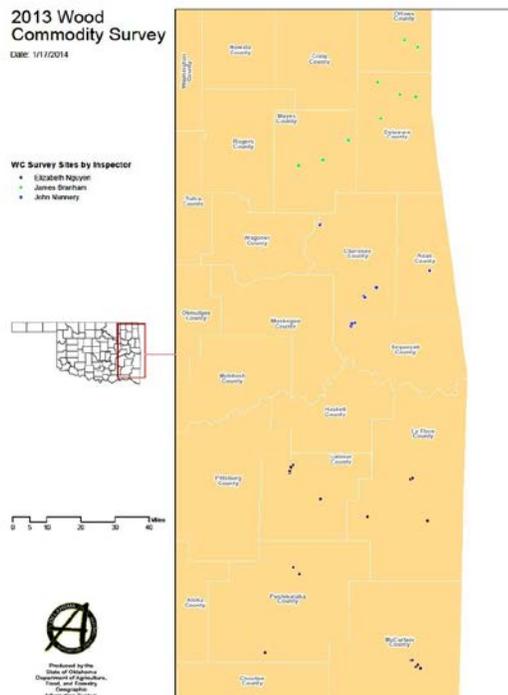
**A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. When the output can be quantified, a computation of cost per unit is required when useful.**

Three field personnel performed the Wood Commodity survey throughout the state starting May 2013 through October 2013. The Wood Commodity survey consisted of a trapping and visual survey for two different hosts, oak and pine. The oak sites consisted of a trapping survey for 4 species with the use of three different traps and a visual survey for 3 species. The pine sites consisted of a trapping survey for 5 species with the use of 2 different traps. The locations chosen were based on native oak and pine stands and possible pathways. The traps were planned to be installed in April and removed in July. However, due to complications in approval of the work plan, traps were not installed until May. This altered the trapping duration to be extended into October.

Oak traps were set at 40 sites in Ottawa, Delaware, Mayes, Adair, Cherokee, Sequoyah, Leflore, Latimer, Pushmataha, and McCurtain Counties. Pine traps were set at 20 sites in McCurtain, Latimer, Leflore, and Pushmataha counties. All traps were serviced every two weeks and removed in October.

A Wood Commodity manual was given to each field surveyor. It included a brief narrative of the purpose of the survey, trapping protocol, pictures of insects with associated descriptions, sampling protocol, and instructions on how to enter data into an excel spreadsheet modified from the NAPIS spreadsheet.

Samples were submitted to USDA APHIS for identification. None of the invasive insects we were surveying have been detected.



Funding Amount	Total Number of Traps	Cost Per Unit
Proposed = \$14,159	Proposed = 160	Proposed= \$88.49
Actual = \$14,159	Actual = 160	Actual = \$88.49

1. **Survey methodology (trapping and visual protocol):**

	Common Name	Scientific Name
<b>Pest:</b>	Oak Splendour beetle	<i>Agrilus biguttatus</i>
	Goldspotted Oak Borer	<i>Agrilus coxalis</i>
	Egyptian Cottonworm	<i>Spodoptera littoralis</i>
	Oak Processionary Moth	<i>Thaumetopoea processionea</i>
	Asian Longhorned Beetle	<i>Anoplophora glabripennis</i>
	European oak bark beetle	<i>Scolytus intricatus</i>
	Japanese Pine Sawyer	<i>Monochamus alternatus</i>
	Pine Shoot Beetle	<i>Tomicus piniperda</i>
	Lesser Pine Shoot Beetle	<i>Tomicus destruens</i>
	Larger Pine Weevil	<i>Hylobius abietis</i>
	Redhaired Pine Bark Beetle	<i>Hylurgus ligniperda</i>

	Proposed	Actual
<b>Sites (Locations):</b>	60	60
<b>Traps:</b>	160	160

<b>Number of Counties:</b>	10
<b>Counties:</b>	Ottawa, Delaware, Mayes, Adair, Cherokee, Sequoyah, Leflore, Latimer, Pushmataha, and McCurtain Counties

2. **Survey dates:**

	Proposed	Actual
<b>Survey Dates:</b>	April- July	May- October

3. **Benefits and results of survey:**

	Positive	Negative	Total Number
<b>Traps</b>	N/A	160	160

4. **Database submissions:**

Trap data and the results of samples were entered into NAPIS.

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

Due to complications in approval of the work plan, traps were not installed until May. This altered the trapping duration to be extended into October.

- C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.**  
There were no cost overruns or unobligated funds.

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*\*indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

**Approved and signed by**

\_\_\_\_\_  
**Cooperator**

**Date:** \_\_\_\_\_

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**ADODR**

**Date:** \_\_\_\_\_