

Alaska Cooperative Agricultural Pest Survey 2016 Field Season

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Cooperative Agricultural Pest Survey (CAPS) Program

- National Program of the USDA Animal and Plant Health Inspection Service
- Purpose: to help safeguard agricultural and environmental resources by early detection of harmful pests and diseases of regulatory concern before they are established.
- Active in all 50 states
- Alaska has been involved with the CAPS program since the early 1980's

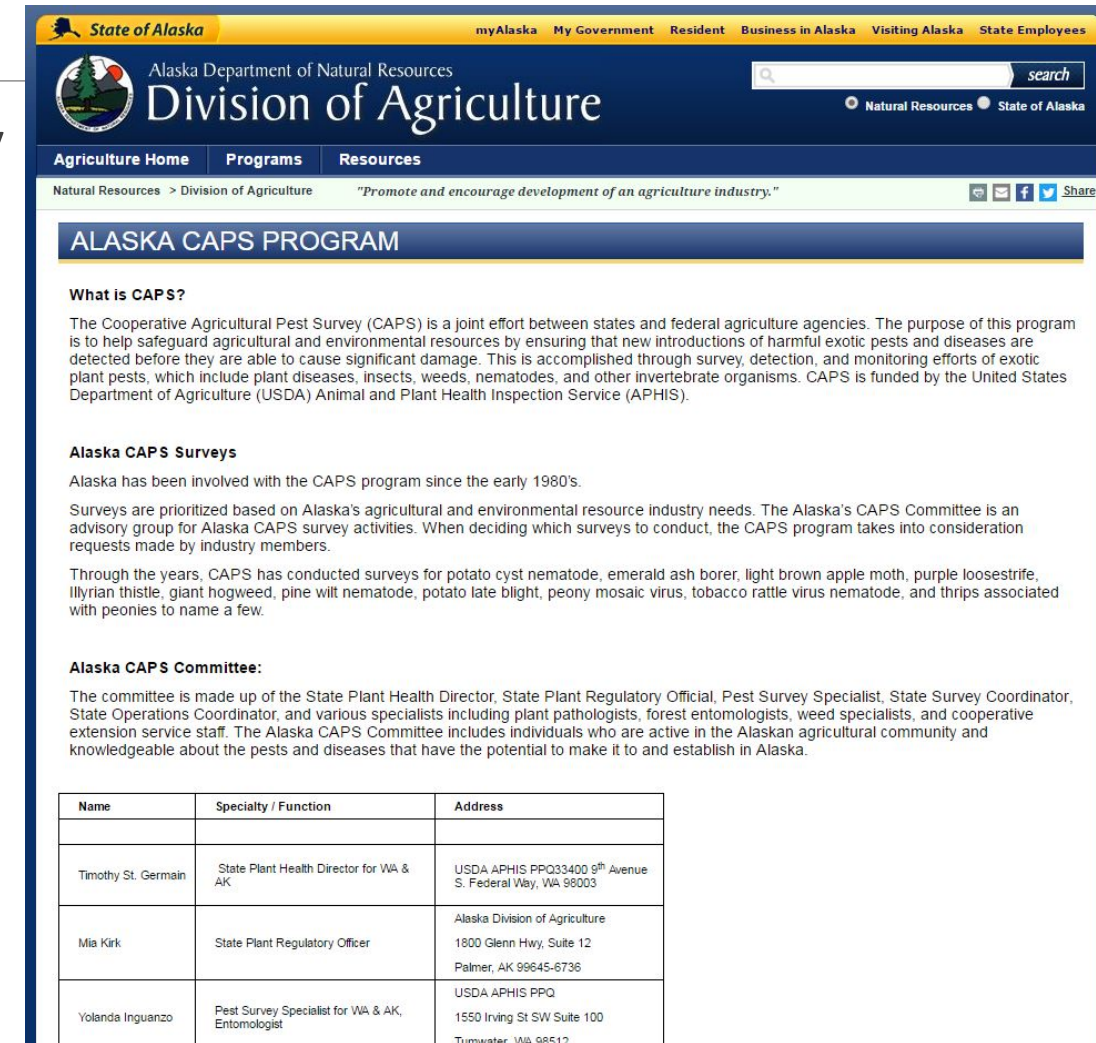


Annual Gypsy Moth trapping by CES technicians near port facilities.



Changes in 2016

- National CAPS Program only using NAPIS for data entry
 - <http://pest.ceris.purdue.edu/>
- Changing to EZFed grantz
- The Alaska CAPS Webpage is now available.
 - http://dnr.alaska.gov/ag/ag_CAPS.htm



The screenshot shows the official website of the Alaska Division of Agriculture. The header includes the State of Alaska logo and navigation links for myAlaska, My Government, Resident, Business in Alaska, Visiting Alaska, and State Employees. The main navigation bar features Agriculture Home, Programs, and Resources. A search bar is located in the top right corner. The page title is "ALASKA CAPS PROGRAM". The content area includes a section titled "What is CAPS?" which explains the Cooperative Agricultural Pest Survey (CAPS) as a joint effort between states and federal agencies. It also includes a section titled "Alaska CAPS Surveys" which lists various pests and diseases surveyed, and a section titled "Alaska CAPS Committee:" which lists the members of the committee. A table at the bottom lists the names, specialties, and addresses of the committee members.

ALASKA CAPS PROGRAM

What is CAPS?

The Cooperative Agricultural Pest Survey (CAPS) is a joint effort between states and federal agriculture agencies. The purpose of this program is to help safeguard agricultural and environmental resources by ensuring that new introductions of harmful exotic pests and diseases are detected before they are able to cause significant damage. This is accomplished through survey, detection, and monitoring efforts of exotic plant pests, which include plant diseases, insects, weeds, nematodes, and other invertebrate organisms. CAPS is funded by the United States Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS).

Alaska CAPS Surveys

Alaska has been involved with the CAPS program since the early 1980's.

Surveys are prioritized based on Alaska's agricultural and environmental resource industry needs. The Alaska's CAPS Committee is an advisory group for Alaska CAPS survey activities. When deciding which surveys to conduct, the CAPS program takes into consideration requests made by industry members.

Through the years, CAPS has conducted surveys for potato cyst nematode, emerald ash borer, light brown apple moth, purple loosestrife, Illyrian thistle, giant hogweed, pine wilt nematode, potato late blight, peony mosaic virus, tobacco rattle virus nematode, and thrips associated with peonies to name a few.

Alaska CAPS Committee:

The committee is made up of the State Plant Health Director, State Plant Regulatory Official, Pest Survey Specialist, State Survey Coordinator, State Operations Coordinator, and various specialists including plant pathologists, forest entomologists, weed specialists, and cooperative extension service staff. The Alaska CAPS Committee includes individuals who are active in the Alaskan agricultural community and knowledgeable about the pests and diseases that have the potential to make it to and establish in Alaska.

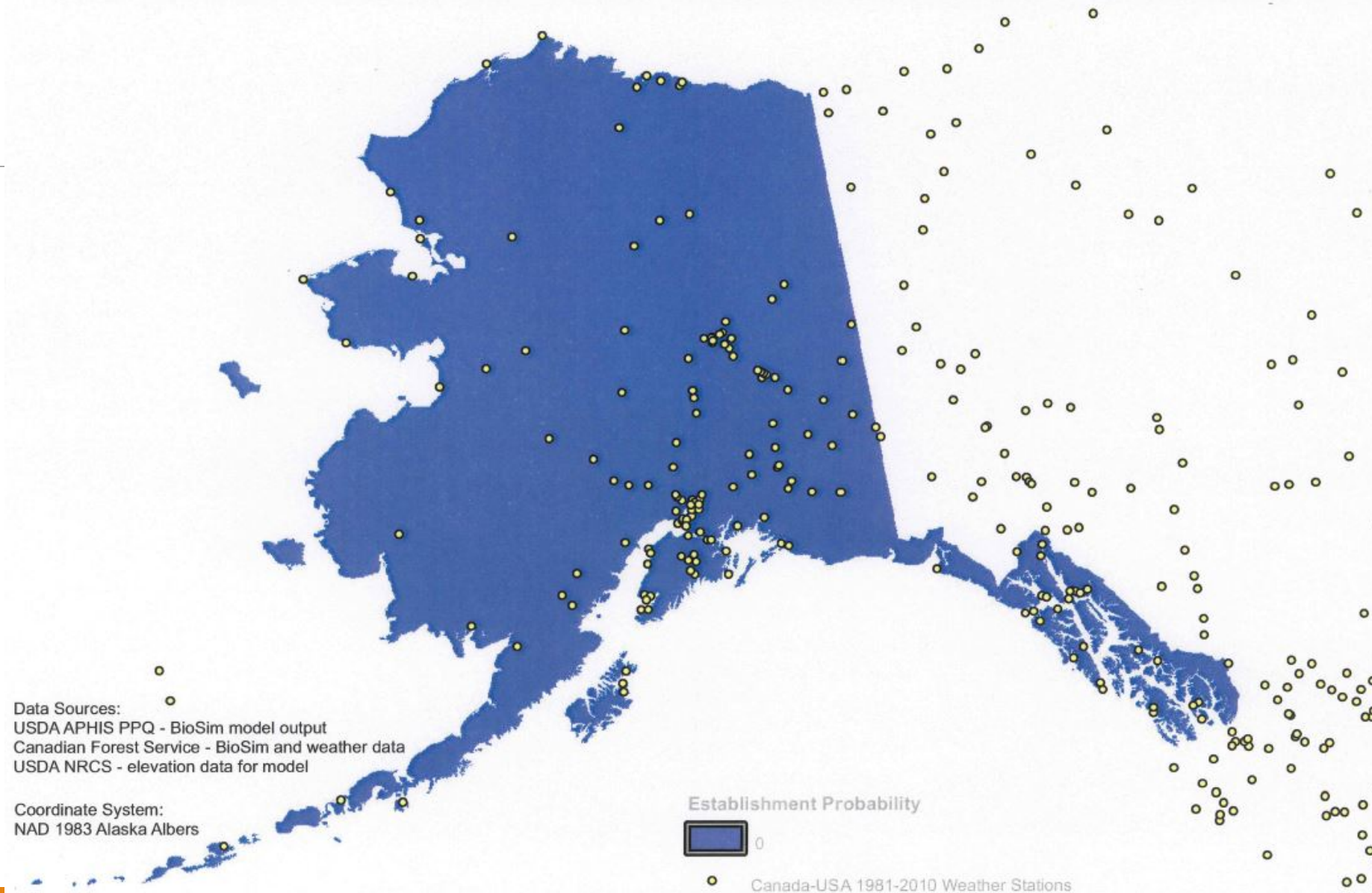
Name	Specialty / Function	Address
Timothy St. Germain	State Plant Health Director for WA & AK	USDA APHIS PPO33400 9 th Avenue S. Federal Way, WA 98003
Mia Kirk	State Plant Regulatory Officer	Alaska Division of Agriculture 1800 Glenn Hwy, Suite 12 Palmer, AK 99645-6736
Yolanda Inguanzo	Pest Survey Specialist for WA & AK, Entomologist	USDA APHIS PPO 1550 Irving St SW Suite 100 Tumwater, WA 98512

2016 Field Season Results

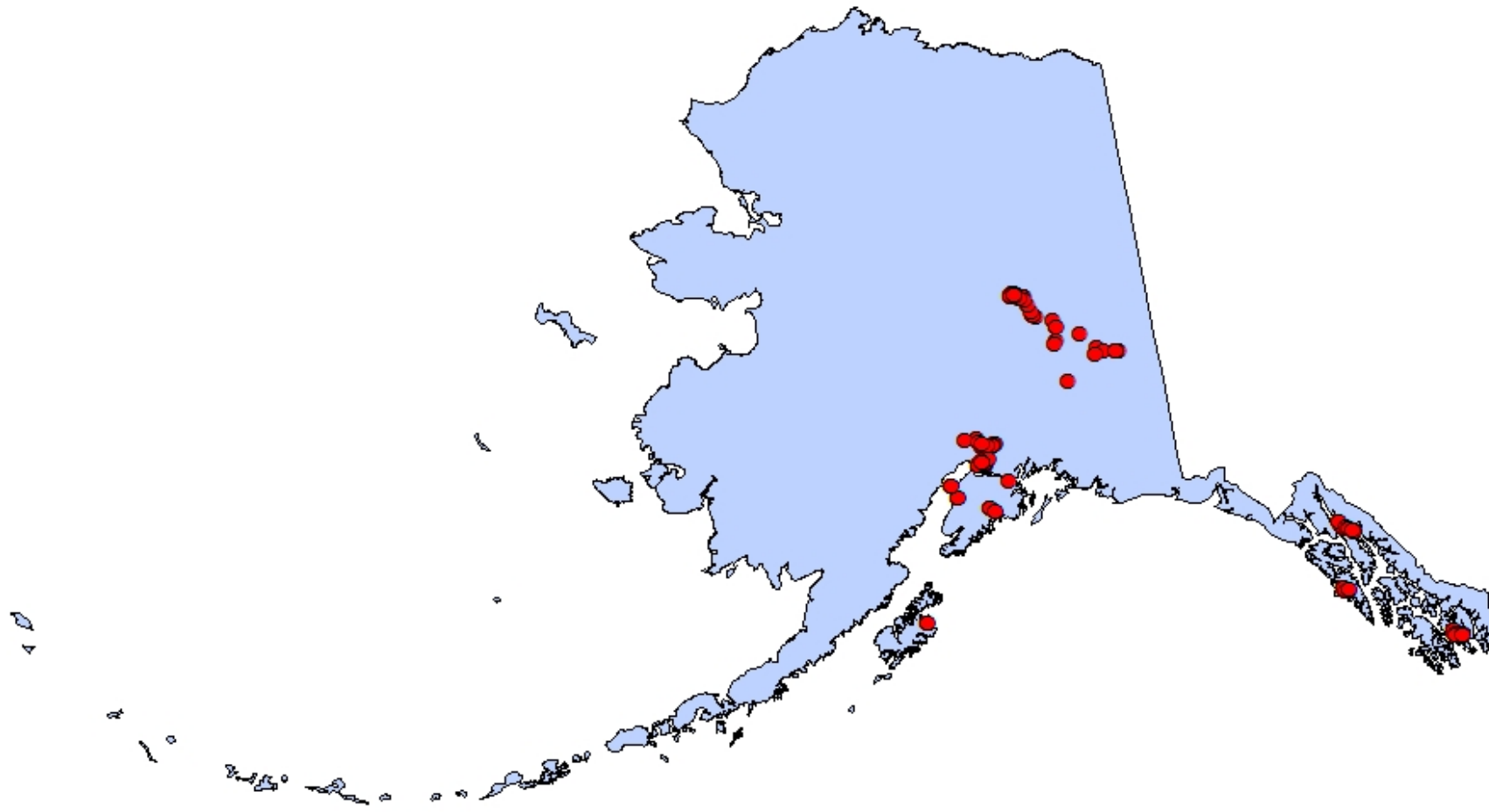
Asian Gypsy Moth Survey

- NO EXOTICS FOUND!!! 😊
- Total of 397 traps set
- Trapped for Asian Gypsy Moth, Rosy Gypsy Moth, Nun Moth, and Siberian Silk Moth





2016 Asian Gypsy Moth Trap Sites



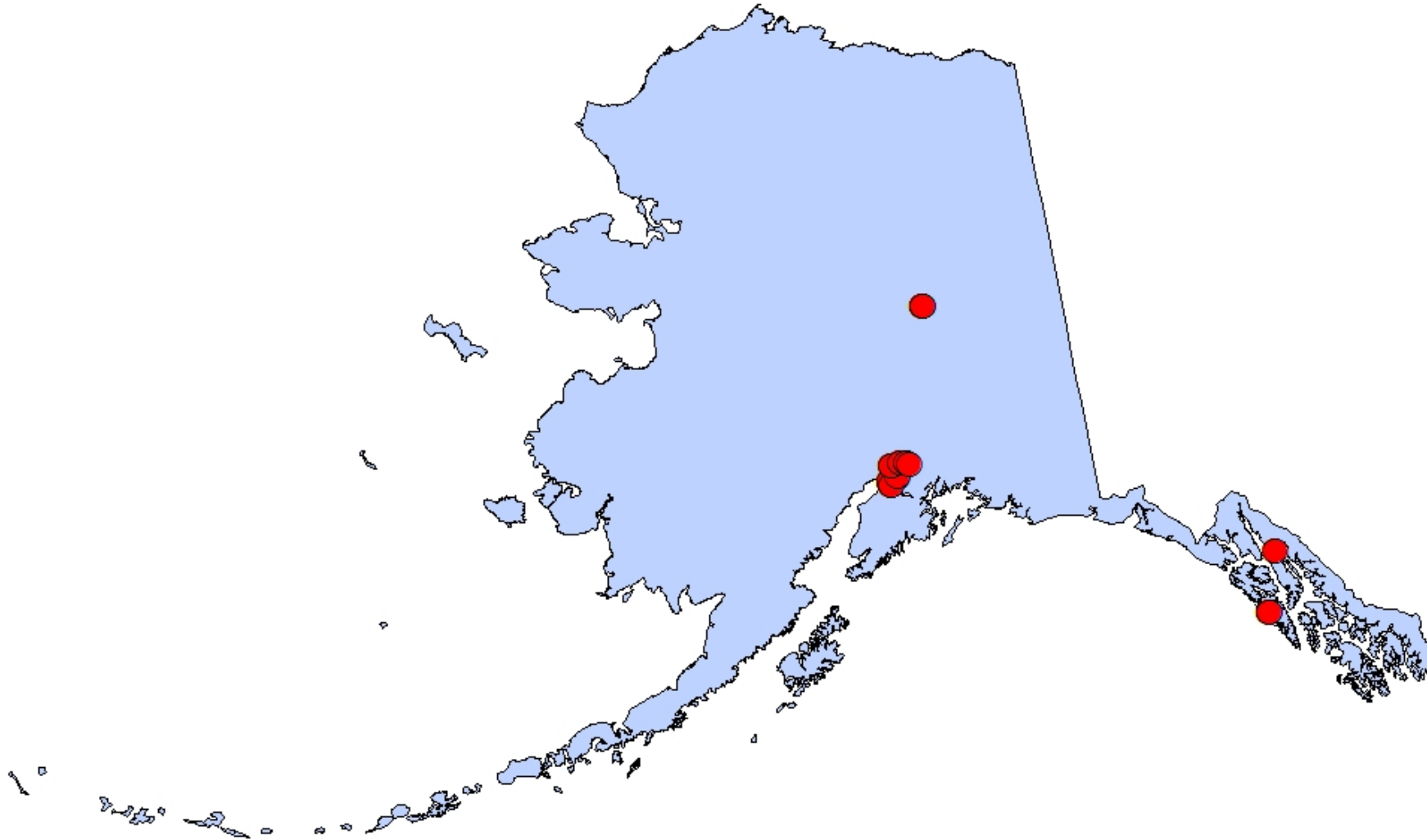
2016 Field Season Results

Exotic Wood Boring Bark Beetle Survey

- NO EXOTICS FOUND!! 😊
- 1st Record for Alaska: *Phymatodes maculicollis*
- 12 Sites were maintained with three traps per site
- Surveyed for Asian Longhorned Beetle, Six-Toothed Ips, European Spruce Bark Beetle, Mediterranean Pine Engraver, Black Spruce Beetle, Brown Spruce Longhorned Beetle, Pine Shoot Beetle
- Trap contents were screened and identified by James LaBonte of the Oregon Department of Agriculture.



2016 EWBBB Trap Sites



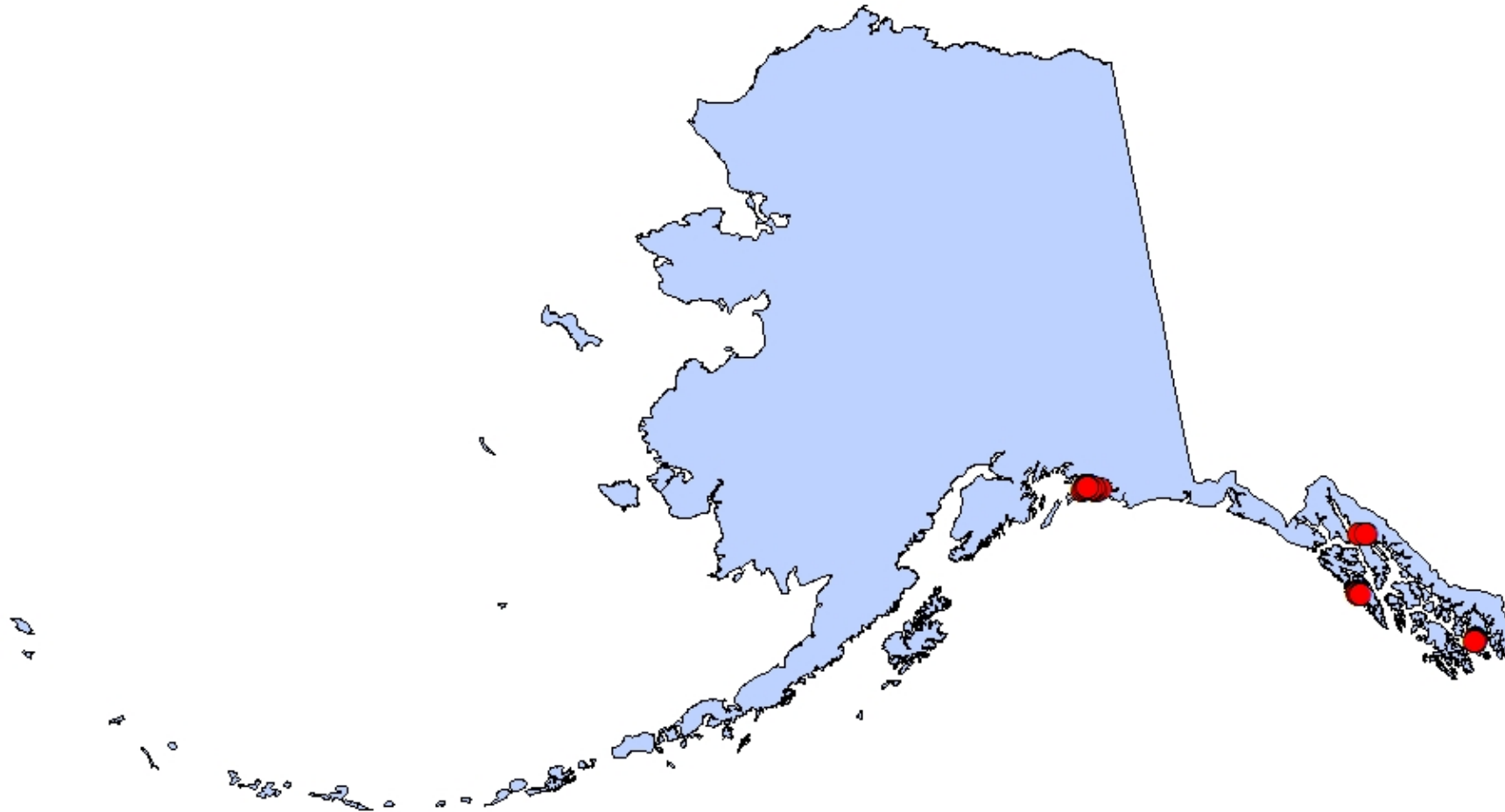
2016 Field Season Results

Exotic Mollusk Survey

- 2015 Extension Request Denied
- 34 Sites Surveyed in Cordova, Sitka, Juneau, and Ketchikan
- No Exotics Found!
- Still waiting for identifier to go through samples to see if any state targets found and confirm no national targets found



2016 Mollusk Survey Sites



2017 Field Season Surveys

Asian Gypsy Moth Survey

- Statewide
- Continuation from previous years

Nursery Survey

- Anchorage, Mat-Su, Fairbanks
- 1st Phase – Continue in coming years
- Asian Longhorned Beetle, Black Slug, Vineyard Snail, Western Flower Thrips, *Phytophthora ramorum*, Stubby Root Nematode, Tomato Spotted Wilt Virus, Tobacco Rattle Virus



2017 Field Season Surveys

Exotic Mollusk Survey

- Anchorage, Mat-Su, Fairbanks
- Continuation from previous years
- Arion spp., Arion vulgaris, Arion circumscriptus, Arion subfuscus, Cantareus apertus, Cernuella spp, Cochlicella spp, Helix Pomatia, Monacha cartusiana, Theba pisana, Xerolenta obvia



Questions?

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