



# Alaska Firewood Survey

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Division of Agriculture

# Pests Associated with Firewood

- Emerald Ash Borer



Asian Longhorned Beetle

- Sirex Wood wasps
- Gypsy Moths



## Section 10201 Farm Bill

- Cooperative agreement with USDA APHIS
- **To evaluate High risks pests associated with firewood imported into Alaska**
- 2011 State Specific survey
  - Various retail locations
  - One land border location
- Multi agency participation and effort



# OBJECTIVE

- Survey retail and land border locations.
- Firewood collected, placed into rearing chamber and stored in a climate controlled facility.
- Insects collected and screened for USDA pests of concern.



# AL-CAN Land Border Survey

- Summer 2011 and Summer 2012
- We exchanged unrestricted firewood with local Firewood.



Your participation will assist our efforts in evaluating whether or not injurious pests are entering the State of Alaska on Firewood. Firewood that is exchanged will be screened for pests.

Agencies cooperating in this effort include; State of Alaska, Department of Natural Resources, Division of Agriculture, Division of Forestry, United States Department of Agriculture (USDA), Animal Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ), USDA Forest Service and Department of Homeland Security (DHS), Customs and Border Protection (CBP).

If you have any questions about this survey please contact Mia Kirk at the Alaska Division of Agriculture at 907-745-7200, or email at [Mia.Kirk@alaska.gov](mailto:Mia.Kirk@alaska.gov)

This firewood was bundled by Boy Scout Troop 368, Wasilla, Alaska.



Thank you for participating in our survey!

# AL-CAN Land Border Survey (continued)

- Multi- agency participation and effort.



# AL-CAN Land Border Survey (continued)

- Provided outreach material to travelers.



# Retail Survey

- Surveyed in Anchorage, Fairbanks, Juneau and Matsu
- Determined which stores inventoried and then purchased outside firewood.
- Some collections displayed signs of insect activity.





# Results



- **Retail locations:**

51 collections = 20 samples reared wood boring insects. Origin: WA\*, OR\*, MT, BC-Canada\*

- **Alcan border:**

12 collections = 7 samples reared wood boring insects. Origin: WA\*, OR, MT\*, CA, IA, OK\*, Canada\*, Unknown,\* Haines, AK\*

\*Origins reared wood boring insects

# Results (continued)

- No USDA quarantine pests found
- >80 Scolytids, Order Coleoptera, Family Curculionidae, Subfamily Scolytinae
  - Genera: Carphoborus, Dryocoetes, **Pityogenes**, Pityophthorus, Polygraphus, Scolytus
- Additional Woodborers:
  - Buprestids: Metallic Wood Boring Beetles
  - Cerambycids: Longhorned Beetles



Questions???