



## 2015 Forest Insect and Disease Identification and Management Workshop

May 26-28, 2015- Coeur d'Alene, ID



A cooperative training session presented by the U.S. Forest Service and Idaho Dept. of Lands

**Description:** This course teaches skills in identification, biology, and life cycles of forest insects and diseases in Idaho while focusing on the role of forest insects and diseases common to the area and strategies used to manage changes they cause in forested ecosystems. Upon completion students will: 1) understand the basic biology and life cycles of common forest insects and diseases, 2) be able to identify common forest insects and diseases and the damage they cause, 3) be familiar with use of the regional forest insect and disease field guide, 4) evaluate the effects of insects and diseases and the importance of the damage they cause, 5) be familiar with silvicultural, chemical, and biological control measures currently available to reduce insect and disease-caused damage, and 6) be familiar with the effects of insects and diseases on multiple resources in forest ecosystems.

**Eligibility:** Natural resource managers from government agencies, tribes, and private industry. Includes foresters, consultants, ecologists, hydrologists, wildlife & fisheries biologists, recreation specialists, etc.

**Prerequisite knowledge:** None.

**Dates, times, and location:**

May 26-28, 2015  
10:00-4:30 pm Tuesday 5/26  
8:30-4:30 pm on Wednesday 5/27  
8:30-3:00 pm on Thursday 5/28

**IPNF Supervisor's Office**  
3815 Schreiber Way  
Coeur d'Alene, ID 83815  
208-765-7223  
Application deadline: **May 19, 2015**

**Registration: *There is no cost for this training***

- Note the deadline shown above. Early registration is recommended!
- Once enrollment is full (max. 40) cancellations will be filled from a waiting list.
- Accessibility/Special Needs: Please contact Candee Wilfong or Tom Eckberg (below).
- Questions? - Contact the following according to your work affiliation:

**State & Private**

Tom Eckberg  
Idaho Dept. of Lands  
3284 W. Industrial Loop  
Coeur d'Alene, ID 83815  
Phone: 208-666-8625  
Email: [teckberg@idl.idaho.gov](mailto:teckberg@idl.idaho.gov)

**US Forest Service**

Candee Wilfong  
US Forest Service, FHP  
3815 Schreiber Way  
Coeur d'Alene, ID 83815  
Phone: 208-765-7201  
Email: [cwilfong@fs.fed.us](mailto:cwilfong@fs.fed.us)

**Cancellation:** Contact Tom Eckberg (208-666-8625) **immediately** if you need to cancel. There is always a waiting list for this course, please give others a chance to attend if you cannot. Plan to attend the **entire** course. Those who leave early will not be provided a certificate-of-attendance.

**Field trips:** *These are critical elements of the workshop. Be prepared for light hiking and bad weather. Bring field gear such as hard hats, raingear, ax or Pulaski, cruising vest, prisms, increment borers, diameter tapes, etc. Lunch: Bring a lunch each day. There will not be time to go out.*

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***Tuesday, May 26***

- 10:00-10:15** Welcome and Introductions  
**10:15-10:35** Tree problem diagnosis, field guide explanation  
**10:35-11:50** Identification and management of **Root Diseases**  
**11:50-12:30** **Lunch**  
**12:30-2:35** Identification and management of **Bark Beetles**  
**Introduction to bark beetles (10)**  
**Mountain pine beetle (25)**  
**Western pine beetle (20)**  
**Pine engraver beetle (20)**  
**Red turpentine beetle & sequoia pitch moth (15)**  
**Douglas-fir beetle (20)**  
**Fir engraver (15)**
- 2:35-2:55** Break, look at specimens
- 2:55-4:10** Identification and management of **White Pine Blister Rust** and **Gall rust**
- 4:10-4:30** Identification and management of **Wood Borers** and **Ambrosia Beetles**

***Wednesday, May 27***

- 8:00-9:00** Identification and management of **Dwarf Mistletoes**
- 9:00-9:55** Identification and management of defoliating insects  
**Douglas-fir tussock moth (20)**  
**Western spruce budworm (20)**  
**Larch casebearer (15)**
- 9:55-10:15** Break and load up vehicles
- 10:15-4:00** Field Exercises, lunch in the field
- 4:30** Return to S.O.

***Thursday, May 28***

- 8:00-8:30** Identification and management of foliar diseases  
**Elytroderma**  
**Rhabdocline and Swiss Needle Cast on Douglas-fir**  
**Larch Needle Cast and Blight**  
**Pine Needle Casts**

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- 8:30-9:00** Identification and management of **Decays**
- 9:00-9:15** Identification and management of **Balsam Woolly Adelgid**
- 9:15-9:35** Break and load vehicles
- 9:35-3:00** Field Exercises, field quiz, prescriptions, lunch in the field
- 3:00-3:30** Return to S.O.

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