



2011 Forest Insect and Disease Identification and Management Workshop Coeur d'Alene Idaho



When: June 7-9, 2011
Where: IPNF Supervisor's Office
3815 Schreiber Way
Coeur d'Alene, ID 83815
208-765-7223

Directions: See map below

For More Information Contact:

Doug Wulff (USFS) (208) 765-7344 dwulff@fs.fed.us
Tom Eckberg (IDL) (208) 666-8625 teckberg@idl.idaho.gov

Instructors: USFS-FHP-R1

Sandy Kegley, Entomologist
Lee Pederson, Entomologist
Holly Kearns, Pathologist
Carol Randall, Entomologist

Idaho Department of Lands

Tom Eckberg, Entomologist
Neal Kittelson, Entomologist
Dan Miller, Pathologist

Objectives: Upon completion of this course students should be able to:

1. Recognize important forest insects and diseases encountered in the Inland Northwest, and be familiar with management recommendations.
2. Use the field guide to identify common forest insects and diseases.

ALL STUDENTS PLEASE NOTE:

1. Bring your own lunch to eat in the field
2. Bring field gear: boots, rain gear, pulaski or hatchet.
3. If spending the night, please make your own arrangements.
4. If possible, please bring a van or carry-all for transportation in the field.
5. A field guide and management book will be supplied.

Idaho pesticide recertification credits are available.



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Agenda

Tuesday, June 7

- 8:00-8:20** Welcome and introductions
- 8:10-8:45** Tree problem diagnosis, explanation of field guide
- 8:45-10:00** Identification and management of **Pine Bark Beetles**
Introduction to Bark Beetles
Western Balsam Bark Beetle
Douglas-Fir Beetle
Fir Engraver and Spruce Beetle
Wood Borers and Ambrosia Beetles
- 10:00-10:15** Break, look at specimens, SAF/pesticide credits
- 10:15-11:30** Identification and management of **Root Disease**
- 11:30-12:00** Identification and management of **Decays**
- 12:00-12:30** Lunch & load up vehicles
- 12:45** Leave for field
- 13:15-16:00** Field exercises—identification and management of fir bark beetles
Probable site: English Point
- 16:30** Return to SO

Wednesday, June 8

- 8:00-9:00** Forest Cover and Climate Change
- 9:00-10:15** Identification and management of **White Pine Blister Rust, Gall Rust, and other Rust Diseases**
- 10:15-10:30** Break, look at specimens
- 10:30-10:45** Degree-day models and defoliators
- 10:45-12:00** Identification and management of **Defoliators**
Douglas-Fir Tussock Moth
Western Spruce Budworm
Larch Casebearer
Pine Butterfly/ Sawflies

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12:00-12:30 Lunch

12:30-13:15 Identification of miscellaneous insects

Red Turpentine Beetle
Sequoia Pitch Moth
Balsam Woolly Adelgid
Terminal Weevils

13:15-13:30 Load up vehicles and leave for field

13:45-16:00 Field trip- Douglas-fir tussock moth and other forest health issues
Probable site: Twin Lakes, IDL section on Sturgeon Road

16:30 Return to SO

Thursday, June 9

8:00-9:15 Identification and management of **Pine Bark Beetles**

Mountain Pine Beetle
Western Pine Beetle
Pine Engraver Beetle

9:15-10:00 Identification and management of **Dwarf Mistletoes** and **Elytroderma**

10:00-10:15 Break

10:15-10:45 Identification and management of **Foliar Diseases**

Rhabdocline and Swiss Needle Cast on Douglas Fir
Larch Needle Cast/Larch Needle Blight
Pine Needle Casts

10:45-11:00 Video clip of forest health training (CALFIRE)

11:00-11:15 Specimen pre-test review

11:15-12:30 Load vehicles and leave for the field; lunch in the field

12:30-1600 Field exercises/field quiz/ break out groups-prescriptions
Probable site: Farragut State Park

16:30 Return to SO

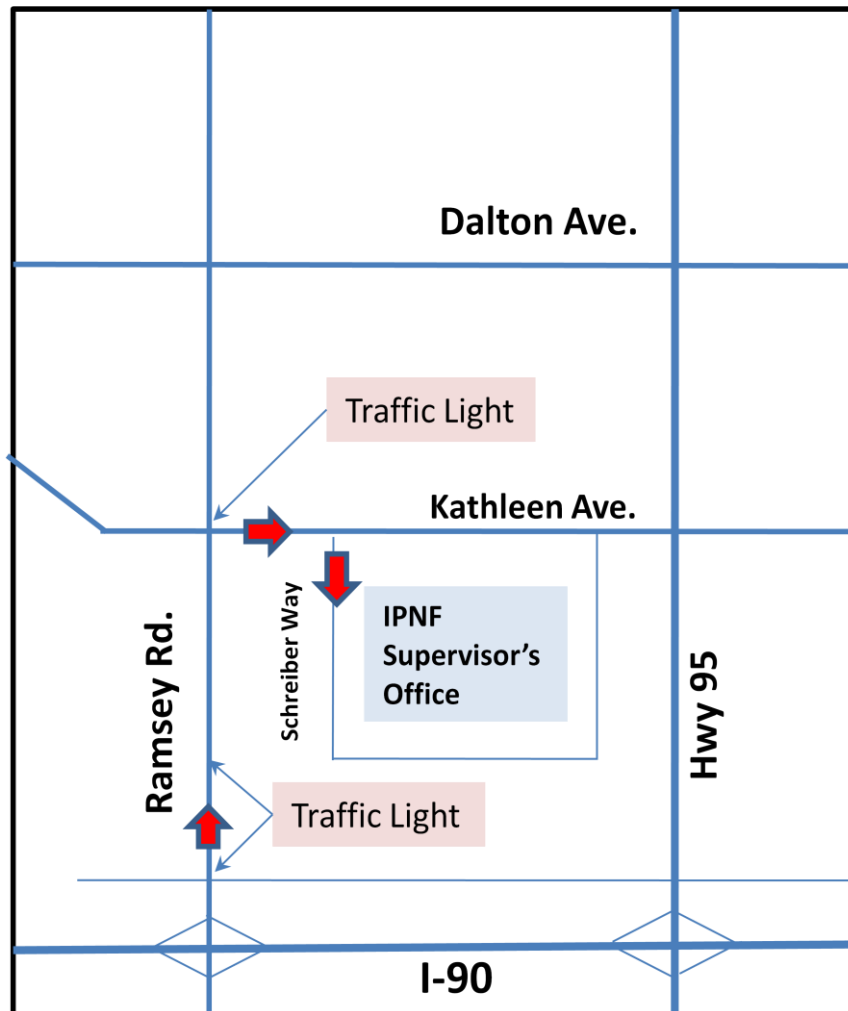
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Directions to IPNF Supervisor's Office: From Interstate 90 take the Ramsey Rd exit (#11) and proceed north to Kathleen Avenue (3rd traffic light). Turn right and proceed approximately ¼ mile to Schreiber Way. Turn right on Schreiber Way and take an immediate left. The Supervisor's Office is the large building.

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