# **Washington Department of Natural Resources**

### **Resources for Forest Insect and Disease Information:**

Dan Omdal, Forest Pathologist (360) 902-1692 dan.omdal@dnr.wa.gov Amy Ramsey, Forest Pathologist (360) 902-1309 amy.ramsey@dnr.wa.gov Glenn Kohler, Forest Entomologist (360) 902-1342 glenn.kohler@dnr.wa.gov Aleksandar Dozic, Survey Technologist (360) 902-1320 aleksandar.dozic@dnr.wa.gov chuck.hersey@dnr.wa.gov Chuck Hersey, Forest Health Program Manager (360) 902-1045 melissa.fischer@dnr.wa.gov Melissa Fischer, Forest Entomologist, Colville (509) 684-7474 DNR - Wildfire Division, PO Box 47037, Olympia, WA 98504-7037

#### **Insect Reference Books:**

Furniss, R.L. and V.M. Carolin. 1977 and 1992. *Western Forest Insects*. USDA Forest Service Miscellaneous Publication No. 1339. 654 pages.

Johnson, W.T. and H.H. Lyon. 1976 and 1988. *Insects that Feed on Trees and Shrubs*. Cornell University Press. 556 pages.

### **Disease Reference Books:**

Allen, E., D. Morrison and G. Wallis. 1996. *Common Tree Diseases of British Columbia*. Natural Resources Canada, Canadian Forest Service. **Phone (250) 363-0600 for FREE copy.** 

Scharpf, R.F. 1993. *Diseases of Pacific Coast Conifers*. USDA Forest Service Pacific Southwest Research Station. Agriculture Handbook 521.

Sinclair, W.A., H.H. Lyon, and W.T. Johnson. 1987. *Diseases of Trees and Shrubs*. Cornell University Press. 574 pages.

Boyce, J.S. 1938, 1948, 1961. *Forest Pathology*. McGraw-Hill Book Company, Inc. 572 pages. Old, out of print, very interesting. An excellent resource especially for weird weather damage and abiotic injuries. If you ever see one in a used book story, buy it!

#### **Books Covering Both Insects and Diseases:**

Chastagner, G.A., (Byther, Antonelli, DeAngelis, Landgren). 1997. *Christmas Tree Diseases, Insects and Disorders in the Pacific Northwest: Identification and Management*. Washington State University Cooperative Extension. 154 pages.

Goheen, E.M. and E.A. Willhite. 2006. *Field Guide to the Common Diseases and Insect Pests of Oregon and Washington Conifers*. R6-NR-FID-PR-01-06. ISBN 0-16-076244-8. 325 pages. https://archive.org/details/fieldguidetocomm0106gohe

## **Internet Resources:**

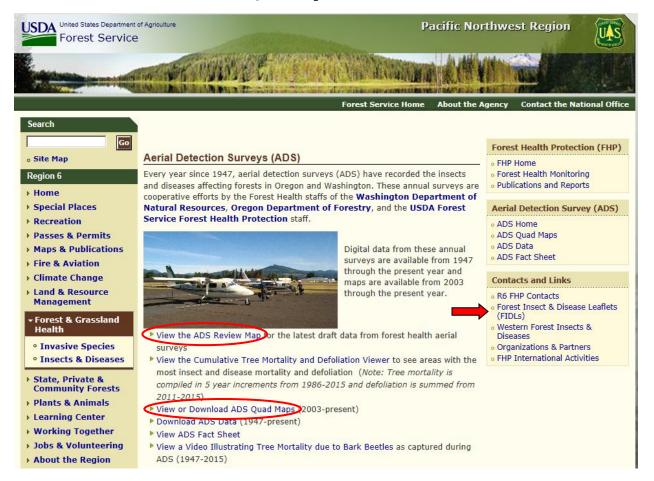
USDA Forest Service Region 6 (Portland), Forest Insects and Diseases website: <u>www.fs.usda.gov/goto/r6/foresthealth</u>. Has a tremendous reference library of specific insect and disease leaflets, photographs and information, plus other forest health reports.

A Field Guide to Diseases & Insect Pest of Northern & Central Rocky Mountains http://www.idl.idaho.gov/bureau/ForestAssist/insect\_disease/InsectAndDiseaseFieldGuide.pdf

Version: May 2017

#### **Forest Health Maps:**

Viewing aerial survey maps on the internet: Go to www.fs.usda.gov/goto/r6/fhp/ads Click on **"View or Download ADS Quad Maps"** 

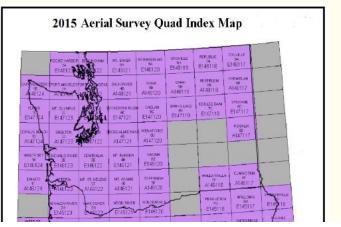


On the next page, click the year you are interested in. Then select the map you want to see from the state map shown on the right. Once the survey map loads, use roads, towns and topography to zoom in on the area of interest. Use the map legend to learn which insects and diseases are active. Go to the Region 6 Forest Health Protection website to look up more information about them: www.fs.usda.gov/goto/r6/foresthealth

Interactive **draft maps** are also available during the survey season: click on **"View the ADS Review Map"** link.

#### 2015 ADS Quad Index

Click on a rectangle (below) to view a quad map; each map is a 1-5 MB .pdf file. View quad maps for **other years** (2003-present).



Call one of the contacts above if something isn't working for you.

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