

MATTHEW G. HUNTER

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541.670.1984 matthewghunter@gmail.com

EDUCATION

M.S., February 1998, Forest Ecology, Dept. of Forest Science, Oregon State University, Corvallis, OR.
B.S., December 1986, Wildlife Science, Dept. of Fisheries and Wildlife, Oregon State University, Corvallis, OR.

WORK HISTORY

In addition to the following wildlife-related work history, since October 2005 I have been operating a part-time construction/remodeling business. See my website at www.matthewghunter.com for more information.

UMPQUA COMMUNITY COLLEGE

1140 Umpqua College Road, Roseburg, OR 97470

Assistant Professor (part-time faculty), January 2017 to present

- Teach non-major biology labs
- Teach Field Methods for Fish and Wildlife Sampling

AUDUBON/TOYOTA TOGETHER GREEN FELLOWSHIP

Roseburg, OR 97471

Conservation Fellow, Nov 2015 to Nov 2016

- Participated in one-week leadership training.
- Gave presentations to municipalities in Douglas County, OR, about the economics of birding.
- Coordinated educational gatherings about birds and birding
- Conducted bird field trips to a variety of local habitats.

UMPQUA NATIONAL FOREST

Supervisor's Office, Roseburg, OR 97471

Consulting Wildlife Ecologist, June 2014 and 2015

- Conducted a birding-by-ear field training workshop for wildlife biologists.
- Performed a Breeding Bird Survey in the Apple Fire study area.

AMERICAN BIRD CONSERVANCY

PO Box 249, The Plains, VA 20198

Consulting Wildlife Ecologist, 2013

I was contracted via Bob Altman (ABC Northern Pacific Conservation Officer) to conduct grassland bird surveys in the central Umpqua Basin, focused on the Oregon Vesper Sparrow (a subspecies of concern).

- Recorded all birds detected in a 5-min period, between 0500 and 1000, at over 100 predetermined locations
- Surveyed all points twice, separated by at least two weeks during May and June.
- Recorded GPS coordinates and vegetation communities for all detections of Grasshopper Sparrows and Vesper Sparrows. Also took photographs of birds and habitats.

AMERICAN BIRD CONSERVANCY

PO Box 249, The Plains, VA 20198

Consulting Wildlife Ecologist, 2010

I was contracted via Bob Altman (ABC Northern Pacific Conservation Officer) to conduct an initial investigation of spring/summer bird communities in riparian areas in the central Umpqua River Watershed.

- Selected 40 points along riparian areas of the North, South, and main Umpqua River and larger tributaries
- Surveyed all points twice. Recorded all birds in a 5-min period, between 0500 and 1000.
- Recorded GPS coordinates and vegetation communities.

AUDUBON SOCIETY OF PORTLAND

5151 N.W. Cornell Rd., Portland, OR 97210

Consulting Wildlife Ecologist, 2002-2005

I was contracted to implement the National Audubon Society's "Important Bird Area" (IBA) program in the state of Oregon (www.oregoniba.org).

- Solicited nominations for IBAs in Oregon
- Documented avian values at each IBA via a website
- Facilitated conservation efforts and monitoring at each IBA

NORTHWEST HABITAT INSTITUTE (NHI)

P.O. Box 855, Corvallis, OR 97339

Consulting Wildlife Ecologist, 2003-2004

I was subcontracted through NHI to perform the following tasks associated with an Oak Restoration Study.

- Conducted 3 diurnal bird surveys in each of 4 stands in the west-central Cascades and eastern Coast Range of west-central Oregon, repeated during a spring/summer period and a winter period.

OREGON DEPARTMENT OF FORESTRY (ODF)

2600 State Street, Salem, OR 97310

Consulting Wildlife Ecologist, 2003

I was contracted to review literature on the Northern Spotted Owl published since 1990.

- Conducted extensive searches of literature databases for post-1990 publications on the Spotted Owl
- Examined bibliographies of recent publications to locate additional and/or obscure publications
- Contacted local and regional experts to obtain recent unpublished reports
- Prepared excel table of all publications found and rated statistical rigor of studies
- Prepared summaries of topics requested, which ranged from habitat needs to genetic considerations

BUREAU OF LAND MANAGEMENT

Eugene District Office, 2890 Chad Drive, Eugene, OR 97408

Consulting Wildlife Ecologist, 1999-2003

In the Middle McKenzie Landscape Area, within the Central Cascades Adaptive Management Area in the west-central Oregon Cascades:

- Conducted short-term monitoring of amphibians and water temperature in small headwater streams.
- Developed models of and described natural variation in stream temperature in small headwater streams.

AUDUBON SOCIETY OF PORTLAND

5151 N.W. Cornell Rd., Portland, OR 97210

Consulting Wildlife Ecologist, 1999-2003

I was contracted to perform a variety of duties associated with editing and administration of the preparation of the book, "Birds of Oregon: A General Reference," including

- Coordinated assignment of species to authors
- Maintained an electronic mailing list of authors
- Maintained a website with draft species accounts
- Distributed Breeding Bird Atlas and other data to authors

SIUSLAW NATIONAL FOREST

4077 S.W. Research Way, Corvallis, OR 97339

Consulting Wildlife Ecologist, 1999-2001

- Prepared two documents summarizing wildlife habitat relationships in the western central Cascades and in the northern Coast Range of Oregon. These were included as portions of USFS/BLM plant association and management guides for these regions.

WILLAMETTE NATIONAL FOREST

Supervisor's Office, Eugene, OR 97404

Consulting Wildlife Ecologist, 1999-2001

- Conducted annual analysis and prepared report from field data from a long-term monitoring project focusing on stream amphibians.
- Prepared a 28-page document summarizing current thoughts in management and research in young forests in western Oregon and Washington, aimed primarily at land and resource managers.

CASCADE CENTER FOR ECOSYSTEM MANAGEMENT (CCEM)

USFS PNW Research Station, 3200 SW Jefferson Way, Corvallis, OR 97331

Fish Biologist GS-482-9, 4/98-6/00

CCEM is a cooperative venture of the USFS Pacific Northwest Research Station, Oregon State University, and Willamette National Forest. Emphasis is to generate data beneficial for management of forest systems.

- Implemented effectiveness monitoring programs for stream amphibians, stream temperature, channel morphology, and function of wood in streams in the Blue River watershed.
- Facilitated an interdisciplinary Landscape Team in development of an implementation monitoring program for the Blue River Landscape Project.
- Served on expert panel of passerine bird habitat associations for OR-WA Species Habitat Project.

PACIFIC WILDLIFE RESEARCH, INC.

1521 NW Harrison Blvd., Corvallis, OR 97330

Consulting Wildlife Ecologist, 10/98-1/99

I developed habitat suitability index (HSI) models for a set of vertebrates in the Coast Range and in the Umpqua Basin for two projects:

- Coastal Landscape Assessment and Modeling Study (CLAMS)
- Umpqua Land Exchange Project (ULEP)

THE BIRD GUIDE, INC.

311 Park Street, Banks, OR 97106

Naturalist, Guide, 4/96-10/99

I co-led 6-12 oceanic birding and nature tours off the Oregon Coast each year.

- I helped participants observe, identify, and learn about ocean fauna.
- I recorded observations of ocean fauna over transects during the trip.

CASCADE CENTER FOR ECOSYSTEM MANAGEMENT

Department of Forest Science, Oregon State University, Corvallis, OR 97331

Research Assistant, 10/97-3/98

- Prepared a long-term, multi-scale monitoring strategy for stream amphibians in the Blue River watershed.
- Prepared an assessment of impacts of the Northwest Forest Plan vs. an alternative Landscape Plan on stream amphibians in the Blue River watershed, west-central Cascades of Oregon.

CASCADE CENTER FOR ECOSYSTEM MANAGEMENT

Department of Forest Science, Oregon State University, Corvallis, OR 97331

Research Assistant, 10/94-9/97

- Conducted research on stream network distributions and habitat associations of stream amphibians in the Blue River watershed. This include formulating objectives, preparing a sampling design, hiring an assistant, organizing and analyzing data, and presenting results in the form of written reports and verbal presentations.
- Wrote and published "Residual Trees as Biological Legacies," a communiqué directed to land managers and informed publics on the ecological function of residual live and dead trees and logs.
- Inventoried all amphibian and reptile species in the Blue River watershed.

CASCADE CENTER FOR ECOSYSTEM MANAGEMENT

Blue River Ranger District, Blue River, OR 97413

Wildlife Biologist GS-486-9, 12/91-7/93

- Coordinated, and carried out research in following areas:
 - Small vertebrate diversity and vegetation composition and structure in young (30-50 yr) managed forests.
 - Cavity-nester use of snags and green trees left in harvest units.
 - Landscape approaches to biodiversity and ecosystem management.
- Facilitated integration of new information into forest management by directly linking scientists and managers, participation in cooperative projects, publication of new information, and facilitating group discussions.
- Wrote "Young Managed Stands," a publication directed to land managers and informed publics in the PNW interested in management of young second-growth forests.
- Participated in development of Biological Evaluations for T&E species.
- Provided expert information on bird-habitat relationships for use in a spatially- and temporally-explicit habitat relationships model.
- Supervised 8 seasonal employees

WILLAMETTE NATIONAL FOREST

Supervisor's Office, Eugene, OR 97404

Wildlife Biologist GS-486-7 (reclassified from GS-404-7), 9/90-11/91

- Interdisciplinary Team member, Willamette National Forest Planning Team, with charge to move from Draft to Final Forest Plan.
- Provided professional advice and support to the Strategic Planner and other Forest personnel regarding planning, implementation, and monitoring of wildlife issues in the Forest Plan.
- Trained personnel in use of Land and Resource Management Plan. Conducted presentations on wildlife management and interpretations of Plan Standards and Guidelines.
- Coordinated development of new network of reserves for species associated with old forests.
- Led education programs for the public.

WILLAMETTE NATIONAL FOREST

Lowell Ranger District, Lowell, OR 97452

Wildlife Biologist GS-486-7 (reclassified from GS-404-7), 6/89-5/90

- Served as wildlife biologist on interdisciplinary team charged with developing and testing analysis procedures and implementation strategies for the proposed (draft) Forest Plan.
- Developed analysis strategies for elk and snag resources at stand and landscape scales.
- Developed spreadsheet models for cumulative effects analysis of snag, elk, and water resources.

- Participated in interdisciplinary team charged with developing District policy for management of down wood.
- Developed and presented resource modeling seminar for biologists, timber sale planners and others.
- Assisted with preparation and editing of Environmental Assessments for proposed timber sales.

WILLAMETTE NATIONAL FOREST

Supervisor's Office, Eugene, OR 97404

Biological Technician GS-404-7, 3/89-5/89

Assistant to Forest Planning Biologist

- Participated in Interdisciplinary Team with charge to move from Draft to Final Forest Plan.
- Developed strategies to address public comments on proposed wildlife resource management.
- Participated in development of strategy, in cooperation with ODFW, for management of big game resources.
- Revised draft Forest Plan Standards and Guidelines for management of primary cavity excavators.

WILLAMETTE NATIONAL FOREST

Supervisor's Office, Eugene, OR 97404

Biological Technician GS-404-5, 10/88-2/89

Assistant to Forest Planning Biologist

- Participated in Interdisciplinary Team with charge to move from Draft to Final Forest Plan.
- Developed strategies to address public comments on proposed wildlife resource management.
- Participated in development of strategy, in cooperation with ODFW, for management of big game resources.
- Reviewed and revised draft Forest Plan Standards and Guidelines for spotted owl, pileated woodpecker, and pine marten habitat areas.
- Conducted cumulative effects analysis of elk and snag resources using spreadsheet models I developed.

WILLAMETTE NATIONAL FOREST

Lowell Ranger District, Lowell, OR 97452

Biological Technician GS-404-5, 3/88-9/88

- Assisted in anchoring large logs in stream improvement project.
- Monitored spotted owl presence, nesting success and productivity.
- Monitored movements of elk using radio telemetry.
- Coordinated placement of artificial nest platforms for osprey.
- Improved wildlife tree management through use of spreadsheet models and new "purchaser select" contract clause.

OREGON DEPARTMENT OF FISH AND WILDLIFE

Northwest Region Office, Corvallis, OR 97330

Wildlife Biologist, 11/87-1/88

Operated hunter check station during Willamette Valley special goose hunt.

- Communicated waterfowl regulations to hunters.
- Cooperated with State law enforcement officers assigned to area.
- Recorded culmen length, sex, age, weight, and subspecies of each goose.
- Discussed hunter opinion on relevant topics.

WILLAMETTE NATIONAL FOREST

Lowell Ranger District, Lowell, OR 97452

Biological Technician GS-404-5, 4/87-10/87

- Monitored spotted owl presence, nesting success, and productivity.
- Reared steelhead from eggs to fry in hatchboxes and released in stream improvement area.
- Investigated wildlife use in sitka alder-sedge meadow system.
- Monitored use of wood duck nest boxes.
- Surveyed for populations of tansy ragwort to be biologically treated.
- Monitored elk movements with radio telemetry.
- Assisted with habitat improvement for the Oregon Chub, a (then) potentially Threatened or Endangered Species.

OREGON DEPARTMENT OF FISH AND WILDLIFE

Wildlife Research Lab, Northwest Regional Office, Corvallis, OR 97330

Research Lab Technician, 1/87-3/87

- Examined 400 sets of hunter-killed elk parts from antlerless hunts. Recorded data from uteri, fetuses, ovaries, kidneys, udders, and teeth. Processed data to determine pregnancy rates, fetus size, conception dates, fat indices, recent productivity, fetus sex ratios, and cow age ratios.
- Boiled and cleaned bear and cougar skulls, and bobcat and otter jaws; removed tooth to send to specialized lab for age determination.
- Examined cougar stomach contents for food habit analysis.

UNITED STATES ARMY CORPS OF ENGINEERS

Lookout Point Reservoir Office, Lowell, OR 97452

Park Ranger GS-026-4, 6/85-8/85

- Inventoried plant species in native and disturbed grasslands, wetlands, shrublands, and woodlands.
- Conducted baseline inventories of bird species in designated management areas.
- Placed artificial waterfowl nest platforms in marsh habitats.

OREGON STATE UNIVERSITY

Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR 97331

Research Assistant, 5/84-8/84

Assisted with study of flammulated owl habitat and food habits in the Blue Mountains of northeast Oregon.

- Located flammulated owls through voice imitation; searched for nests.
- Trapped, banded, and radioed adult flammulated owls; followed nightly.
- Maintained automatic camera setup to photograph owl with prey at nest.
- Built and monitored insect traps in three different habitats.

USFS PACIFIC NORTHWEST RESEARCH STATION

Forest and Range Experiment Station, La Grande, OR 97850

Volunteer Biological Aide, 4/84-5/84

Assisted in ongoing study of great gray owls.

- Located great gray owls through voice imitation; searched for nests.
- Trapped, banded, and radioed adult owls; triangulated location with partner.
- Located day roosts; collected pellets; dissolved hair from pellets with NaOH solution to prepare for content analysis.

BUREAU OF LAND MANAGEMENT

Roseburg District, Roseburg, OR 97470

Volunteer Field Assistant, 8/83-9/83

- Assisted with small mammal inventory at Red Pond, then a proposed Research Natural Area.
- Prepared bird list for Red Pond.

PUBLICATIONS

Hunter, M. [blog] **Umpqua Birds**, umpquabirds.blogspot.com.

Hunter, M. 2018. **A snap away from nature knowledge**. The News-Review, Sept 2, 2018.
http://www.nrtoday.com/sports/outdoors/a-snap-away-from-nature-knowledge/article_d9766bb6-fba3-522d-aa44-a829dfabe8f9.html

Hunter, M. 2018. **Douglas County birds of the fall**. The News-Review, Sept 2, 2018.
http://www.nrtoday.com/sports/outdoors/douglas-county-birds-of-the-fall/article_e309afc4-cd85-5604-8567-0ca1989131c6.html

Hunter, M. [website] **Umpqua Birds: Birds and Birding in Douglas County, Oregon**. www.umpquabirds.org, launched February 2014.

Marshall, D., M. Hunter, and A. Contreras, eds. 2003. **Birds of Oregon: a general reference**. Oregon State University Press, Corvallis. 704 pp.

Hunter, M. 2002. **The twentieth-century range expansion of the Wrentit (*Chamaea fasciata*) in Oregon**. Oregon Birds 28:150-163.

Hunter, M. 2001. **Communicate: Management in Young Forests**. Cascade Center for Ecosystem Management, U.S. Forest Service, Willamette National Forest. 28p.

Hunter, M. 2002. **Wildlife habitat relationships**. In *online version of* McCain C., and N. Diaz, tech. coords. Field guide to the forested plant associations of the northern Oregon Coast Range. USDA Forest Service, Pacific Northwest Region, Technical Paper R6-NR-ECOL-TP-03-02.
<https://ir.library.oregonstate.edu/concern/defaults/0c483q578>

Hunter, M. 2002. **Wildlife habitat relationships**. In *online version of* McCain C., and N. Diaz, tech. coords. Field guide to the forested plant associations of the westside central Cascades of Northwest Oregon. USDA Forest Service, Pacific Northwest Region, Technical Paper R6-NR-ECOL-TP-02-02.
<https://ecoshare.info/2009/12/16/plant-associations-of-the-west-central-cascades/>

Hunter, M., M. Sawyer, R. Maertz, B. Kruse, K. Wilson. 1998. **The Hundred Valleys of the Umpqua: Birds of Douglas County, Part 3**. Oregon Birds 24(4):103-117.

Hunter, M. 1998. **Book Review: Northwest Birds in Winter**. Northwest Science 72(2):148-149.

Hunter, M. 1998. **Watershed-level patterns among stream amphibians in the Blue River watershed, west-central Cascades of Oregon**. M.S. Thesis, Oregon State University, Corvallis, Oregon.

Cissel, J.H., F.J. Swanson, G.E. Grant, D.H. Olson, S.V. Gregory, S.L. Garman, L.R. Ashkenas, M.G. Hunter, J.A. Kertis, J.H. Mayo, M.D. McSwain, S.G. Swetland, K.A. Swindle, and D.O. Wallin. 1998. **A landscape plan based on historical fire regimes for a managed forest ecosystem: the Augusta Creek study**. Gen. Tech. Rep. PNW-GTR-422. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 82p.

Hunter, M., and D. Bailey. 1998. **Shy conclusions: lessons in pelagic birding**. Birding 30(3):234-239.

Hunter, M., and D. Bailey. 1997. **Oregon's first White-capped Shy Albatross**. Oregon Birds 23(2):35-39.

Hunter, M., and G. Gillson. 1997. **The future of Oregon's oceanic birding**. Oregon Birds 23(2):40-46.

Hunter, M. **Photos and narrative of herpetofauna in the west-central Cascades of Oregon.**
[Http://www.fsl.orst.edu/lter/data/studies/sa004/sa004pic.htm](http://www.fsl.orst.edu/lter/data/studies/sa004/sa004pic.htm).

Hunter, M. 1995. **Communique: Residual Trees as Biological Legacies.** Cascade Center for Ecosystem Management, U.S. Forest Service, Blue River Ranger District. 28p.

Hansen, A.J., W.C. McComb, R. Vega, M.G. Raphael, and M.G. Hunter. 1995. **Bird habitat relationships in natural and managed forests in the west Cascades of Oregon.** Ecological Applications 5:555-569.

Zheng, D., D. Wallin, M. Huff, A. Hansen, L. Ganio, W. McComb, M. Hunter, J. Lehmkuhl, W. Cohen, and M. Fiorella. 1995. **Mapping potential habitat using satellite data.** The Wildlife Society Second Annual Conference. Sept. 12-17, Portland, Oregon, USA. p. 33.

American Birding Association and U.S. Forest Service. 1994. **Bird-finding in forty National Forests and Grasslands.** Supplement to Birding 26(2). 186 p. Pat Ormsbee and I wrote the chapter for the Willamette National Forest.

Hunter, M. 1994. **The birds of Virginia, A twelve column checklist.** 16p.

Hunter, M. 1993. **Communique: Young Managed Stands.** Cascade Center for Ecosystem Management, U.S. Forest Service, Blue River Ranger District. 16p.

Heinl, S., and M. Hunter. 1988. **Birds of Fern Ridge Reservoir.** Brochure published by Oregon Department of Fish and Wildlife.

Sawyer, M., and M. Hunter. 1988. **Checklist: Douglas County coast.** Oregon Birds 14(1):93-106.

Hunter, M. 1982. **Identification: Winter teal.** Oregon Birds 8(3):114-115.

Sawyer, M., and M. Hunter. 1982. **Big days: Douglas County.** Oregon Birds 8(3):126-130.

REPORTS

HUNTER, MATTHEW G. 2003. Long-term Monitoring of Headwater Stream Amphibians in the Bureau of Land Management Middle McKenzie Landscape Area, Central Cascades Adaptive Management Area: Third Year Pre-treatment, 2003. Unpublished report submitted to the McKenzie Resource Area, Eugene District, Bureau of Land Management.

HUNTER, MATTHEW G. 2003. A Review and Synthesis of Post-1990 Literature on the Northern Spotted Owl (*Strix occidentalis caurina*). Unpublished report submitted to Oregon Department of Forestry, Salem, Oregon.

HUNTER, MATTHEW G. 2002. Long-term Monitoring of Headwater Stream Amphibians in the Bureau of Land Management Middle McKenzie Landscape Area, Central Cascades Adaptive Management Area: Second Year Pre-treatment, 2002. Unpublished report submitted to the McKenzie Resource Area, Eugene District, Bureau of Land Management.

HUNTER, MATTHEW G. 2001. Monitoring amphibians in 10 headwater streams in the Blue River landscape study: year 2000 report (third year). Unpublished report submitted to the Blue River Ranger District, Willamette National Forest.

HUNTER, MATTHEW G. 2001. Monitoring amphibians in 10 headwater streams in the Blue River landscape study: year 2001 report (fourth year). Unpublished report submitted to the Blue River Ranger District, Willamette National Forest.

HUNTER, MATTHEW G. 2001. Long-term Monitoring of Headwater Stream Amphibians in the Bureau of Land Management Middle McKenzie Landscape Area, Central Cascades Adaptive Management Area: First year pre-treatment, 2001. Unpublished report submitted to the McKenzie Resource Area, Eugene District, Bureau of Land Management.

HUNTER, MATTHEW G. 2000. Stream amphibian distribution on Bureau of Land Management lands in the Middle McKenzie Adaptive Management Area. Unpublished report submitted to the McKenzie Resource Area, Eugene District, Bureau of Land Management.

HUNTER, MATTHEW G. 2000. Monitoring amphibians, channel structure, and wood in 10 headwater streams in the Blue River landscape study—second year. Unpublished report submitted to the Blue River Ranger District, Willamette National Forest.

HUNTER, MATTHEW G. 1999. Blue River landscape study stream temperature monitoring. Unpublished report submitted to the Blue River Ranger District, Willamette National Forest.

HUNTER, MATTHEW G. 1999. Blue River landscape study stream amphibian monitoring: pre-harvest results, first year. Unpublished report submitted to the Blue River Ranger District, Willamette National Forest.

HUNTER, MATTHEW G. 1998. Blue River landscape study stream amphibian monitoring strategy. Unpublished report. Unpublished report submitted to the Blue River Ranger District, Willamette National Forest.

PRESENTATIONS

Presenter, 2015-2016, Together Green Fellowship. Gave about a dozen presentations on the economics of birdwatching to city councils and other entities in Douglas County, Oregon.

Presenter, November 2004, Oregon's Important Bird Area Program. Invited presentation with Tim Cullinan, Washington Important Bird Area Coordinator, at the conference "Wind Power in Oregon and Washington: a Discussion of Wildlife, Cultural Resources, Aesthetics, & Assessment Procedures," The Dalles, Oregon.

Presenter, November 2004, Oregon's Important Bird Area Program. Invited talk at the Oregon Audubon Council annual meeting, Roseburg, Oregon.

Presenter, September 2004, The Making of "Birds of Oregon: A General Reference." Presented with co-editors to the joint annual meetings of Oregon Field Ornithologists, Western Bird-Banders Association, and Western Field Ornithologists, Ashland, Oregon.

Presenter, November 2003, Oregon's Important Bird Area Program. Given to the Oregon Audubon Council annual meeting, Yachats, Oregon.

Presenter, April 2002, Amphibians in the Central Cascades Adaptive Management Area: Inter-Ecosystem Travelers. Presented at the Central Cascades Adaptive Management Area Workshop: Developing Questions, Ideas, and Opportunities for Today and Tomorrow.

Presenter, March 2002, Stream Amphibians in the Central Cascades Adaptive Management Area. Presented at the first Northwest Area Ecology Workshop.

Poster, May 2001, Patterns of Stream Amphibian Distribution, Life History, and Habitat Use in the McKenzie Basin: Implications for Monitoring. Presented at "Restoring Our Streams and Roads: Sharing Adaptive Strategies," a workshop sponsored by the Central Cascade Adaptive Management Area and the McKenzie Watershed Council, Eugene, Oregon.

Presenter, February 1998, Seminar: Watershed-level Patterns among Stream Amphibians in the Blue River Watershed, West-Central Cascades of Oregon. I presented the results of my research on this topic to a mix of university faculty and agency biologists.

Interviewee, 1997, Young Stand Thinning and Diversity Study video. I am one of several participants in the study interviewed in this 1/2-hr video, produced by Mark Reed of the Forestry Media Center, College of Forestry, Oregon State University. Intended audience is a broad spectrum of private and federal land managers as well as researchers, all interested in management of young forest stands for multiple objectives.

Presenter, June 1997, HJ Andrews Long-Term Ecological Research Symposium. Ecology of stream amphibians of the Blue River watershed, west-central Cascades of Oregon. Described current work on landscape-level monitoring of stream amphibians. Audience was primarily university researchers, and a few land managers.

Presenter, August 1996, Amphibians and Reptiles of the West-Central Cascades, "Nature Talks!". I gave an exciting and thought-provoking presentation of the life of amphibians and reptiles in the west-central Cascades. Audience was local campers, and residents of nearby Blue River, McKenzie Bridge, and Springfield.

Instructor, August 1996, Vertebrate Ecology Course, Ecosystem Institute. Taught and led students in activities designed to reveal important aspects of sampling design and methods for investigating vertebrate life histories. Students were teachers selected from Community Colleges in the western United States.

Presenter, July 1996, Young Stand Thinning and Diversity Study Field Tour. I explained the objectives and preliminary results of the study, and answered questions regarding science and management aspects of the study. Audience was owners of small private woodlands in western Oregon.

Group Leader, June 1996, Amphibian Response to the Flood of 1996, "Flood Pulse" at the HJ Andrews Experimental Forest. I led a group of like-minded researchers in a week-long effort examining the influence of the February 1996 storm on stream-breeding amphibians in small streams of the Blue River watershed. Results and insights were shared nightly with an interdisciplinary group of scientists from western Oregon and Washington.

Discussion Leader, June 1996, Vertebrate Research, HJA Days. I described approaches taken to investigate factors influencing landscape distributions of amphibians and reptiles. Audience was primarily faculty and graduate student researchers at the Forestry Sciences Lab and other cooperative departments from OSU.

Co-Presenter, October 1995, Young Stand Thinning and Diversity Study Field Tour. Described the objectives of the study and explained some preliminary results. Answered questions on science aspects and management implications of forest stand manipulations. Audience was primarily western Oregon BLM and USFS employees, as well as some private industry representatives.

Presenter, August 1995, Young Stand Thinning and Diversity Study Field Tour. Described the objectives of the study and explained some preliminary results. Answered questions on science aspects and management implications of forest stand manipulations. Audience was primarily Federal Agency employees from northern California to Washington, as well as some private industry representatives from these regions.

Presenter, June 1995, Blue River Landscape Project Field Tour. Described and solicited comments on my approach to understanding landscape distributions of amphibians and reptiles. Audience was primarily Forestry Sciences Lab researchers and graduate students.

AWARDS

ANGIE'S LIST Super Service Awards: 2009, 2010, 2011, 2012, 2014, 2015, 2016, 2017 as a contractor/handyman. While these are not wildlife related, I include these here to demonstrate my commitment to high quality work,

regardless what I am doing. These awards are only given to the top 5% of companies registered with Angies List (see www.angieslist.com).

USFS 1993: Certificate of Merit and cash award for "Great initiative and skill in performing your duties...."

USFS 1990: Certificate of Merit and cash award for "Development and analysis of wildlife habitats for Forest Plan implementation...."

USFS 1988: Non-monetary award, for "Improvement of wildlife tree management on Lowell Ranger District...."

BLM 1983: Certificate of Appreciation for volunteer service. "With your help the project was initiated and successfully carried out...."