

Bibliography

Bibliography

Bibliography

- Aber, J., et al. 2000. "Applying ecological principles to management of the U.S. National Forests." *Issues in Ecology*. 6 (Spring 2000):5-9. <http://www.esa.org/ejissues/issues6.pdf>
- Agee, J.K. 1993. *Fire Ecology of Pacific Northwest Forests*. Island Press. Washington DC.
- Agee, J.K., and M.H. Huff. 2000. "The role of prescribed fire in restoring ecosystem health and diversity in southwestern Oregon." Report to PNW Research Station Directors Office. Northwest Forest Plan Issue. University of Washington. Seattle, WA.
- Albin, D.P. 1979. "Fire and stream ecology in some Yellowstone tributaries." *California Fish and Game* 65: 216-238.
- Amaranthus, M., H. Jubas, and D. Arthur. 1989. "Stream shading, summer streamflow, and maximum water temperature following intense wildfire in headwater streams." In *Proceedings of the Symposium on Fire and Watershed Management, October 26-28, 1988*. General Technical Report GTR-PSW-109:75-78. USDA Forest Service, Pacific Southwest Forest and Range Experiment Station. Berkeley, CA.
- Amaranthus, M., J.M. Trappe, and R.J. Molina. 1989. "Long-term forest productivity and living soils." In *Maintaining the Long-term Productivity of Pacific Northwest Forest Ecosystems*, edited by D. Perry et al. Timber Press. Portland, OR.
- Amaranthus, M. 1990. "Wildfire and recovery monitoring." *USDA Siskiyou National Forest 1990 Monitoring Reports*. Grants Pass, OR.
- Amaranthus, M., and D. Steinfeld. 1997. "Soil compaction after yarding of small-diameter Douglas-fir with a small tractor in Southwest Oregon." Research Paper PNW-RP-504. USDA Forest Service, Pacific Northwest Research Station. Portland, OR.
- Anderson, H. 1982. "Aids to determining fuel models for estimating fire behavior." General Technical Report INT-GTR-122. USDA Forest Service, Intermountain Forest and Range Experiment Station. Ogden, UT.
- Anthony, R.G., and F.F. Wagner. 1998. "Reanalysis of northern spotted owl habitat use on the Miller Mountain study area." A report for the research project: "Identification and evaluation of northern spotted owl habitat in managed forests of Southwest Oregon and the development of silvicultural systems for managing such habitats." Unpublished report. Oregon Cooperative Wildlife Research Unit, Oregon State University, Corvallis, OR.
- Anthony, R.G. 2001. "Effects of forest stand manipulations on spotted owl home range and use patterns: a case study." Final Report to Oregon Department of Forestry. Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, Corvallis, OR.
- Anthony, R., et al. 2002. "Identification and evaluation of northern spotted owl habitat in managed forests of southwestern Oregon and the development of silvicultural systems for managing such habitat. Report on Step 2: Analysis of habitat characteristics and owl demography on three density study areas." Oregon Cooperative Fish and Wildlife Research Unit. Oregon State University Press. Corvallis, OR.
- Applegate River Watershed Council. 2002. *Little Applegate River Watershed Assessment (Draft)*.
- Applegate, Vick. 2002. E-mail to Steve Shelly, Regional Botanist/Research Natural Areas Coordinator, USDA Forest Service Region 1, Missoula, MT. April 16. *Lolo Cypripedium* Treatment Plots. Lolo National Forest.
- Arora, D. 1997. *Mushrooms Demystified*. 2nd edition. Ten Speed Press. Berkeley, CA.
- Atzet, T., et al. 1996. *Field Guide to the Forest Plant Associations of Southwestern Oregon*. Technical Paper R6-NR-ECOL-TP-17-96. USDA Forest Service. <http://www.fs.fed.us/r6/siskiyou/INTRODUC.pdf>
- Ayre, A. 2003. "Using multipliers for labor market analysis." Labor Market Information. Oregon Employment Department. January 14, 2003.

Bibliography

- Bailey, J.D. 1996. "Effects of stand density reduction on structural development in western Oregon Douglas-fir forests." Master's thesis. Oregon State University.
- Baldwin, E.M. 1964. *Geology of Oregon, 1st edition*. Kendall/Hunt Publishing Company. Dubuque, IA.
- Baldwin, E.M. 1981. *Geology of Oregon, 3rd edition*. Kendall/Hunt Publishing Company. Dubuque, IA.
- Bart, J., and E.D. Forsman. 1992. "Dependence of northern spotted owls *Strix occidentalis caurina* on old-growth forests in the western USA." *Biological Conservation* 62:95-100.
- Beaty, K.G. 1994. "Sediment transport in a small stream following two successive forest fires." *Canadian Journal of Fisheries and Aquatic Sciences*. 51:2723-2733.
- Benda, L. and T.W. Cundy. 1990. "Predicting deposition of debris flows in mountain channels." *Canadian Geotechnical Journal*. 27:409-417.
- Benda, L. and T. Dunne. 1997. "Stochastic forcing of sediment supply to channel networks from landsliding and debris flows." *Water Resources Research* 33(12):2846-2863.
- Benda, L., et al. 2003. "Effects of post-wildfire erosion on channel environments, Boise River, Idaho." *Forest Ecology and Management* 178:105-119.
- Beschta, R.L. 1978. "Long-term patterns of sediment production following road construction and logging in the Oregon Coast Range." *Water Resources Research* 14:1011-1016.
- Beschta, R.L. 1979. "Debris removal and its effects on sedimentation in an Oregon coast range stream." *Northwest Science* 53:71-77.
- Beschta, R.L. 1990. "Effects of fire on water quantity and quality." In *Natural and Prescribed Fire in Pacific Northwest Forests*, edited by J.D. Walstad, S.R. Radosevich, and D.V. Sandberg. Oregon State University Press. Corvallis, OR.
- Beschta, R.L., and W.L. Jackson. 1979. "The intrusion of fine sediments into a stable gravel bed." *Journal of the Fisheries Research Board of Canada* 36: 204-210.
- Beschta, R.L., et al. 1987. "Stream temperature and aquatic habitat: Fisheries and forestry interactions". In *Streamside Management: Forestry and Fishery Interactions*, edited by E.O. Salo and T.W. Cundy. Contribution 57: 191-232. University of Washington, Institute of Forestry Resources. Seattle, WA.
- Beschta, R.L., et al. 1995. "Wildfire and salvage logging - recommendations for ecologically sound post-fire salvage management and other post-fire treatments on Federal lands in the West." Oregon State University. Corvallis, OR.
- Bethlahmy, N. 1974. "More streamflow after a bark beetle epidemic." *Journal of Hydrology (Amsterdam)* 23:185-189.
- Bible, R. 2002. "Breathless." *Wildfire Magazine*. July/August 2002.
http://wildfiremag.com/ar/firefighting_breathless/index.htm
- Bilby, R.E. 1984. "Removal of woody debris may affect stream channel stability." *Journal of Forestry* 82:609-613.
- Bilby, R.E., and J.W. Ward. 1989. "Changes in characteristics and function of woody debris with increasing size of streams in western Washington." *Transactions of The American Fisheries Society* 118:368-378.
- Bisson, P.A., and R.E. Bilby. 1982. "Avoidance of suspended sediment by juvenile coho salmon." *North American Journal of Fisheries Management* 2: 371-374.
- Bisson, P.A., and J.R. Sedell. 1984. "Salmonid populations in streams in clearcut vs. old-growth forests of western Washington." In *Fish and Wildlife Relationships in Old-Growth Forests: Proceedings of a Symposium, April 1982*, edited by W.R. Meehan, T.R. Merrel, Jr., and T.A. Hanley. American Institute of Fish Research Biology. Juneau, AK. Pages 121-129.

- Bisson, P.A., J.L. Nielsen, and J.W. Ward. 1988. "Summer production of coho salmon stocked in Mount St. Helens streams 3-6 years after the 1980 eruption." *Transactions of the American Fisheries Society* 117: 322-335.
- Bisson, P.A., et al. No date. "Fire and aquatic ecosystems of the western USA: current knowledge and key questions." *Forest Ecology and Management*. In Press.
- Bisson, P.A., et al. 1981. "A system of naming habitat types in small streams, with examples of habitat utilization by salmonids during low streamflow." In *Proceedings of a Symposium held 28-30 October, 1981, Hilton Hotel, Portland, Oregon*, edited by N. Armantrout. The Western Division, American Fisheries Society.
- Bisson, P.A., et al. 1987. "Large woody debris in forested streams in the Pacific Northwest: past, present, and future." In *Stream Side Management: Forestry and Fishery Interactions*, edited by E.O. Salo and T.W. Cundy. Contribution 57. University of Washington, Institute of Forest Research. Seattle, WA.
- Boise Cascade Corporation. 1999. *Elk Creek Watershed Analysis*. Boise, ID.
- Bond, M.L., et al. 2002. "Short-term effects of wildfires on spotted owl survival, site fidelity, mate fidelity, and reproductive success." *Wildlife Society Bulletin* 30(4):1022-1028.
- Boussu, M.F. 1954. "Relationship between trout populations and cover on a small stream." *Journal of Wildlife Management* 18(2): 229-239.
- Bozek, M.A. and M.K. Young. 1994. "Fish mortality resulting from delayed effects of fire in the Greater Yellowstone ecosystem." *Great Basin Naturalist* 54(1):91-95.
- Brauner, D., and C. Lebow. 1983. "A re-evaluation of cultural resources within the proposed Elk Creek Lake project area, Jackson County, Oregon." Phase II: Site Evaluation. Report of the Department of Anthropology, Oregon State University, to the U. S. Army Corps of Engineers, Portland District.
- Brown, G.W., and J.T. Krygier. 1971. "Clear-cut logging and sediment production in the Oregon Coast Range." *Water Resources Research* 7:1189-1198.
- Brown, G.W., A.R. Gahler, and R.B. Marston. 1973. "Nutrient losses after clear-cut logging and slash burning in the Oregon Coast Range." *Water Resources Research* 9(5):1450-1453.
- Brown, J.K. 1989. "Effects of fire on aquatic systems." In *Wild Trout IV: Proceedings of the Symposium, September 18-19, 1989, Yellowstone National Park*, edited by F. Richardson and R.H. Hamre. Trout Unlimited. Arlington, VA.
- Brown, J.K., and J.K. Smith, editors. 2000. "Wildland fire in ecosystems: Effects of fire on flora." General Technical Report RMRS-GTR-42, Vol. 2. USDA Forest Service, Rocky Mountain Research Station. Ogden, UT.
- Brown, J.K., E.D. Reinhardt, and K.A. Kramer. 2003. "Coarse woody debris: managing benefits and fire hazard in the recovering forest." General Technical Report RMRS-GTR-105. USDA Forest Service, Pacific Northwest Research Station. Ogden, UT.
- Burnett, T. 2003. Conversation regarding survey records for bird species in the Elk Creek Watershed. October 20, 2003.
- Bustard, D.R., and D.W. Narver. 1975. "Preferences of juvenile coho salmon (*Oncorhynchus kisutch*) and cutthroat trout (*Salmo clarki*) relative to simulated alteration of winter habitat." *Journal of Fisheries Resource Board Canada* 32:681-687.
- Bustard, D.R., and D.W. Narver. 1975. "Aspects of the winter ecology of juvenile coho salmon (*Oncorhynchus kisutch*) and steelhead trout (*Salmo gairdneri*)." *Journal of Fisheries Resource Board Canada* 32: 667-680.
- Campbell, R.E., et al. 1977. "Wildfire effects on a ponderosa pine ecosystem: an Arizona case study." Research Paper RM-191. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. Fort Collins, CO.

Bibliography

- Carey, A.B., J.A. Reid, and S.P. Horton. 1990. "Spotted owl home range and habitat use in southern Oregon coast ranges." *Journal of Wildlife Management* 54(1):11-17.
- Carey, A.B., and K.C. Peeler. 1995. "Spotted owls: resource and space use in mosaic landscapes." *Journal of Raptor Research* 29(4):223-239.
- Carey, A.B., et al. 2002. "Effects of forest management on truffle abundance and squirrel diets." *Northwest Science* 76(2): 148-157.
- Castellano, M.A., and T.O'Dell. 1997. Version 2.0. *Management Recommendations for Survey and Manage Fungi*. USDA Forest Service, USDI Bureau of Land Management. Instruction Memorandum No. OR-98-003. Portland, OR.
- Cederholm, C.J., and E.O. Salo. 1979. "The effects of logging road landslide siltation on the salmon and trout spawning gravels of Stequaleho Creek and the Clearwater River basin, Jefferson County, Washington, 1972-1978." FRI-UW-7915. University of Washington, Fisheries Research Institute. Seattle, WA.
- Cederholm, C.J., L.M. Reid, and E.O. Salo. 1981. "Cumulative effects of logging road sediment on salmonid populations in the Clearwater River, Jefferson County, Washington." In *Proceedings, Conference on Salmon Spawning Gravel: A Renewable Resource in the Pacific Northwest?* Water Research Center Report 39. Washington State University. Pullman, WA.
- Cederholm, C.J., et al. 1982. "Effects of forest road erosion on salmonid spawning gravel composition and populations of the Clearwater River, Washington." In *Habitat Disturbance and Recovery: Proceedings of a Symposium*, edited by K.A. Hashagen. California Trout Inc. San Francisco, CA.
- Cederholm, C.J., et al. 1997. "Response of juvenile coho salmon and steelhead to placement of large woody debris in a Coastal Washington stream." *North American Journal of Fisheries Management* 17:947-963.
- Center for Plant Conservation. 2003. CPC National Collection Plant Profile, *Iliamna corei*. March 12. http://ridgwaydb.mobot.org/cpcweb/CPC_ViewProfile.asp?CPCNum=2309
- Chamberlin, T.W., R.D. Harr, and F.H. Everest. 1991. "Timber harvesting, silviculture, and watershed processes." *American Fisheries Society Special Publication* 19:181-205.
- Chapman, D.W. 1962. "Effects of logging upon fish resources of the West Coast." *Journal of Forestry* 60:533-537.
- Chapman, D.W. 1966. "Food and space as regulators of salmonid populations in streams." *The American Naturalist* 100(913):345-357.
- Childs S.W., and A.L. Flint. 1990. "Physical properties of forest soils containing rock fragments." In *Sustained Productivity of Forest Soils, Proceedings of the 7th North American Soils Conference, University of British Columbia*, edited by S.P. Gessel et al. Faculty of Forestry Publication. Vancouver, B.C. Pages 95-121.
- Chou, Y.H., S.G. Conard, and P.M. Wohlgemuth. 1994. "Analysis of postfire salvage logging, watershed characteristics, and sedimentation in the Stanislaus National Forest." In *Proceedings of ESRI User Conference. 1994, Palm Springs, CA*. Pages 492-498.
- Cooperative Forest Ecosystem Research. 2002. *CFER 2002 Annual Report*. Corvallis, OR. http://www.fsl.orst.edu/cfer/pdfs/CFER_ar02.pdf
- Cooperative Forest Ecosystem Research. 2003. "New products explore the contributions of thinning to forest management." *CFER News*, September 17, 2003. <http://www.fsl.orst.edu/cfer/news/>
- Cochran P.H., and W.E. Hopkins. 1991. "Does fire exclusion increase productivity of ponderosa pine?" In *Proceedings, management and productivity of western-montane forest soils: Boise, ID, April 10-12, 1990*. General Technical Report GTR INT-280. USDA Forest Service, Intermountain Research Station. Ogden, UT.
- Cross, D. 1995. "Fire and fish: fish habitat attributes of watersheds with pulse and press disturbance patterns." In

- Proceedings: First Conference on Fire Effects on Rare and Endangered Species and Habitats Conference, Nov. 13-16, 1995* edited by J.M. Greenlee. International Association of Wildland Fire.
- Dark, S.J., R.J. Gutierrez, and G.I. Gould. 1998. "The barred owl (*Strix varia*) invasion in California." *The Auk* 115(1):50-56.
- DeBano, L., D. Neary, and P. Folliot. 1998. *Fire's Effects on Ecosystems*. John Wiley and Sons. Indianapolis, IN.
- Dissmeyer, G.E. 2000. "Drinking water from forests and grasslands: a synthesis of the scientific literature." General Technical Report SRS-GTR-39. USDA Forest Service, Southern Research Station. Asheville, NC.
<http://www.srs.fs.usda.gov/pubs/viewpub.jsp?index=1866>
- Dolloff, C.A. 1986. "Effects of stream cleaning on juvenile coho salmon and Dolly Varden in southeast Alaska." *Transactions of the American Fisheries Society* 115:743-755.
- Dolloff, C.A. 1990. "Microhabitat partitioning among stream-dwelling juvenile coho salmon, *Oncorhynchus kisutch*, and Dolly Varden, *Salvelinus malma*." *Canadian Journal of Fisheries and Aquatic Sciences* 47:2297-2306.
- Duncan, S. 1998. "Landslides through a fish eye lens." *Science Findings*. USDA Forest Service, Pacific Northwest Research Station. March (2):1-5.
- Duncan, S. 2000. "Why do elk seek shelter? The case against the need for thermal cover." *Science Findings*. February 2000: 1-5. <http://www.fs.fed.us/pnw/sciencef/scifi22.pdf>
- Duncan, S. 2002. "Dead wood all around us: Think regionally to manage locally." *Science Findings*. USDA Forest Service, Pacific Northwest Research Station. March (42):1-5.
- Dunham, J.B., G.L. Vinyard, and B.E. Rieman. 1997. "Habitat fragmentation and extinction risk of Lahontan Cutthroat Trout." *North American Journal of Fisheries Management* 17:1126-1133.
- Dunham, J.B., et al. No Date. "Effects of fire on fish populations: landscape perspectives on persistence of native fishes and nonnative fish invasions." *Forest Ecology and Management*. In Press.
- Edmonds, R.L., et al. 1989. "Nutrient cycling: effects on productivity of Northwest Forests." In *Maintaining the Long-term Productivity of Pacific Northwest Forest Ecosystems*, edited by D.A. Perry et al. Timber Press. Portland, OR. Pages 17-35.
- Eisbacher, G.H. and J.J. Claque. 1984. "Destructive mass movements in high mountains: hazards and management." Geological Survey of Canada Paper 84-16.
- Elliot, W.J., et al. 1999. "X-Drain: Cross drain spacing and sediment yield program." Technical documentation. USDA Forest Service, Rocky Mountain Research Station and San Dimas Technology and Development Center.
- Erickson, J., J. Tappeiner, and N. Poage. 2003. "Managed forest reserves: preserving diversity." USDI, US Geological Survey. Fact Sheet FS-034-03, April 2003. <http://www.fsl.orst.edu/cfer/research/pubs/pubs.html>
- Everest, F.H., and D.W. Chapman. 1972. "Habitat selection and spatial interaction by juvenile chinook salmon and steelhead trout in two Idaho streams." *Journal of the Fisheries Research Board of Canada* 29:91-100.
- Everest, F.H., and W.R. Meehan. 1981. "Forest management and anadromous fish habitat productivity." In *Transactions of the 46th North American Wildlife and Natural Resources Conference, Washington DC*. Wildlife Management Institute.
- Everest, F.H., et al. 1987. "Fine sediment and salmonid production: A paradox." In *Stream Side Management: Forestry and Fishery Interactions*, edited by E.O. Salo and T.W. Cundy. Contribution 57. University of Washington, Institute of Forest Research. Seattle, WA.
- Forsman, E.D. 1983. "Methods and materials for locating and studying spotted owls." General Technical Report PNW-GTR-162. USDA Forest Service, Pacific Northwest Research Station. Portland, OR.

Bibliography

- Forsman, E.D., and R. Anthony. 1999. "Analysis of demographic rates of northern spotted owls." Executive Summary- Unpublished Report. Corvallis, OR.
- Forsman, E.D., E.C. Meslow, and H.M. Wight. 1984. "Distribution and biology of the spotted owl in Oregon." *Wildlife Monograph* No. 87.
- Forsman, E.D., et al. 1996. "A color band for spotted owls." *Journal of Field Ornithology* 67(4):507-510.
- Forsman, E.D., et al. 2002. "Natal and breeding dispersal of northern spotted owls." *Wildlife Monograph* No. 149.
- Franklin, A.B., et al. 1999. "Range-wide status and trends in northern spotted owl populations." Unpublished report. Colorado Cooperative Fish and Wildlife Research Unit, Oregon Cooperative Fish and Wildlife Research Unit.
- Franklin, A.B., et al. 2000. "Climate, habitat quality, and fitness in northern spotted owl populations in northwestern California." *Ecological Monographs* 70(4) 539-590.
- Franklin, J.F. 2001. "Managing young stands to meet LSR and riparian objectives." Keynote comments at a workshop in Portland, Oregon on August 29, 2001.
- Franklin, J.F. and C.T. Dyrness. 1988. *Natural Vegetation of Oregon and Washington*. Oregon State University Press. Corvallis, OR.
- Franklin, J.F., et al. 1981. "Ecological characteristics of old-growth Douglas-fir forests." General Technical Report PNW-GTR-118. USDA Forest Service, Pacific Northwest Research Station. Portland, OR.
- Froehlich, H.A. 1978. *The effect of soil compaction by logging on soil productivity*. Final Report – Contract No. 53500-CT4-5(N), Bureau of Land Management. Portland, OR.
- Furniss, M.J., S. Flanagan, and B. McFadin. 2000. "Hydrologically-connected roads: an indicator of the influence of roads on chronic sedimentation, surface water hydrology, and exposure to toxic chemicals." In *Stream Notes* (July 2002):5-8. http://www.stream.fs.fed.us/streamnt/pdf/SN_7-00.pdf
- Gaines, W.L., R.A. Strand, and S.D. Piper. 1997. "Effects of the Hatchery Complex fires on northern spotted owls in the eastern Washington Cascades." In *Proceedings from Conference on Fire Effects on Rare and Endangered Species and Habitats, November 13-16, 1995*. International Association of Wildland Fire. Coeur d'Alene, ID.
- Gartner, J. D. 2002. "Erosion from watersheds after wildfire: An evaluation of log erosion barriers." *Geological Society of America: 2002 Annual Meeting October 27-30, 2002, Denver, CO*. GSA Paper No. 206-9.
- Goheen, D. 2001. *Guidelines for selecting fire injured trees that are likely to be infested by insects in Southwest Oregon forests*. USDA Forest Service, Rogue River National Forest. Southwest Oregon Forest Insect and Disease Service Center.
- Goheen, D. 2003. E-mail correspondence regarding beetle outbreaks after fire. January 28, 2003.
- Gould, W.R. 1990. "The cutthroat trout populations of Cache Creek, Yellowstone National Park, during the autumns of 1988 and 1989." Report to the Yellowstone Fishery Assistance Office. Montana Cooperative Fishery Research Unit, Montana State University, Bozeman, MT.
- Graham, R.T., et al. 1994. "Managing coarse woody debris in forests of the Rocky Mountains." Research Paper INT-RP-477. USDA Forest Service, Intermountain Research Station. Ogden, UT.
- Graham, R.T., et al. 1999. "The effects of thinning and similar stand treatments on fire behavior in western forests." General Technical Report PNW-GTR-463. USDA Forest Service, Pacific Northwest Research Station. Portland, OR.
- Gregory, S.V., et al. 1987. "Influence of forest practices on aquatic production." In *Streamside Management: Forestry and Fishery Interactions*, edited by E.O. Salo and T.W. Cundy. University of Washington Institute of Forestry Resources. 57:233-256.

- Gregory, S.V., et al. 1991. "An ecosystem perspective of riparian zones." *Bioscience* 41(8):540-551.
- Gresswell, R.E. 1999. "Fire and aquatic ecosystems in forested biomes of North America." *Transaction of the American Fisheries Society* 128:193-221.
- Habeck, J.R. 1994. "Dynamics of forest communities used by great gray owls." In *Flammulated, Boreal, and Great Gray Owls in the Western United States: A Technical Conservation Assessment*, edited by G.D. Hayward and J. Verner. General Technical Report RM-253. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. Ft. Collins, CO.
- Haggard, M., and W.L. Gaines. 2001. "Effects of stand-replacement fire and salvage logging on a cavity-nesting bird community in Eastern Cascades, Washington." *Northwest Science* 75(4).
- Hall, J.D., and R.L. Lanz. 1969. "Effects of logging on the habitat of coho salmon and cutthroat trout in coastal streams." In *Symposium on Salmon and Trout in Streams*, edited by T.G. Northcote. MacMillan Lectures in Fisheries, University of British Columbia. Vancouver, BC.
- Hall, J.D., G.W. Brown, and R.L. Lantz. 1987. "The Alsea Watershed: A Retrospective." In *Stream Side Management: Forestry and Fishery Interactions* edited by E.O. Salo and T.W. Cundy. Contribution 57. University of Washington, Institute of Forest Research. Seattle, WA.
- Halvey, J.D. 1980. "Effects of a north central Washington wildfire on runoff and sediment production." *Water Resources Bulletin*. 16(4):627-634.
- Hamer, T.E. 1988. "Home range size of the northern barred owl and northern spotted owl in western Washington." Master's thesis. Western Washington University.
- Hamer, T.E., et al. 2001. "Diets of northern barred owls and northern spotted owls in an area of sympatry." *Journal of Raptor Research* 35(3):221-227.
- Hammond, C., et al. 1992. "Level I Stability Analysis (LISA) Documentation for Version 2.0." General Technical Report INT-285. USDA Forest Service, Intermountain Research Station. Ogden, UT.
- Harmon, M.E., et al. 1986. "Ecology of coarse woody debris in temperate ecosystems." In *Advances in Ecological Research*, edited by A. Macfadyen, and E.D. Ford. Academic Press Inc. Orlando, FL. 15:133-246.
- Hartman, G.F. 1965. "The role of behavior in the ecology and interaction of underyearling coho salmon (*Oncorhynchus kisutch*) and steelhead trout (*Salmo Gairdneri*)." *Journal of the Fisheries Research Board of Canada* 22:1035-1081.
- Hartman, G.F., and T.G. Brown. 1987. "Use of small, temporary, floodplain tributaries by juvenile salmonids in a West Coast rain-forest drainage basin, Carnation Creek, British Columbia." *Canadian Journal of Fisheries and Aquatic Sciences* 44:262-270.
- Hartman, G.F., et al. 1987. "Some effects of different streamside treatments on physical conditions and fish population processes in Carnation Creek, a coastal rain forest stream in British Columbia." In *Stream Side Management: Forestry and Fishery Interactions* edited by E.O. Salo and T.W. Cundy. Contribution 57. University of Washington, Institute of Forest Research. Seattle, WA.
- Hartman, G.F., J.C. Scrivener, and M.J. Miles. 1996. Impacts of logging in Carnation Creek, a high-energy coastal stream in British Columbia, and the implication for restoring fish habitat. *Canadian Journal of Fisheries and Aquatic Sciences* 53(Spl. 1):237-251.
- Hauge, C.J., M.J. Furniss, and F.D. Euphrat. 1979. "Soil erosion in California's Coast Forest District." *California Geology* June:120-129.
- Hawkins, C.P., and J.R. Sedell. 1981. "Longitudinal and seasonal changes in functional organization of macroinvertebrate communities in four Oregon streams." *Ecology* 62:387-397.

Bibliography

- Hawkins, C.P., M.L. Murphy, and N.H. Anderson. 1982. "Effects of canopy, substrate composition, and gradient on the structure of macroinvertebrate communities in Cascade Range streams of Oregon." *Ecology* 63:1840-1856.
- Hawkins, C.P., et al. 1983. "Density of fish and salamanders in relation to riparian canopy and physical habitat in streams of the northwestern United States." *Canadian Journal of Fisheries and Aquatic Sciences* 40:1173-1185.
- Heifetz, J., M.L. Murphy, and K.V. Koski. 1986. "Effects of logging on winter habitat juvenile salmonids in Alaskan streams." *North American Journal of Fisheries Management* 6:52-58.
- Heimann, D.C. 1988. "Recruitment trends and physical characteristics of coarse woody debris in Oregon coast range streams." Master's thesis. Oregon State University, Corvallis, OR.
- Helvoigt, T.L., D.M. Adams, and A.L. Ayre. 2003. "Employment transitions in Oregon's wood products sector during the 1990s." *Journal of Forestry* 101(4):42-46.
- Hershey, K.T., E.C. Meslow, and F.L. Ramsey. 1998. "Characteristics of forests at spotted owl nest sites in the Pacific Northwest." *Journal of Wildlife Management* 62(4):1398-1410.
- Herter, D.R., and L.L. Hicks. 2000. "Barred owl and spotted owl populations and habitat in the central Cascade Range of Washington." *Journal of Raptor Research* 34(4):279-286.
- Hickman, J.C. 1996. *The Jepson Manual: Higher Plants of California*. University of California Press. Berkeley, CA.
- Hobbs, S.D., et al. 2002. *Forest and Stream Management in the Oregon Coast Range*. Oregon State University Press. Corvallis, OR.
- Holtby, L.B. 1988. "Effects of logging on stream temperatures in Carnation Creek, British Columbia, and associated impacts on the coho salmon (*Oncorhynchus kisutch*)." *Canadian Journal of Fisheries and Aquatic Science* 45:502-515.
- Hosten, P. 2003. "Preliminary vegetation response to pile and burn versus slashbuster mediated fire-hazard reduction." *Presentation at Oak Woodland Workshop, May 1 and 2, 2003*. Southern Oregon University, Ashland, OR.
- Hostetler, B., and D.W. Ross. 1996. "Generation of coarse woody debris and guidelines for reducing the risk of adverse impacts by Douglas-fir beetle." Unpublished paper.
- Huff, M., et al. 1995. "Historical and current forest landscapes in eastern Oregon and Washington part ii: linking vegetation characteristics to potential fire behavior and related smoke production." General Technical Report PNW-GTR-355. USDA Forest Service, Pacific Northwest Research Station. Portland, OR.
- Hungr, O., G.C. Morgan, and R. Kellerhals. 1984. "Quantitative analysis of debris torrent hazards for design of remedial measures." *Canadian Geotechnical Journal* 21:663-667.
- Hutto, R.L. 1995. "Composition of bird communities following stand-replacement fires in Northern Rocky Mountain (USA) conifer forests." *Conservation Biology* 9(5):1041-1058.
- Ice, G., and R.L. Beschta. 1999. "Should salvage logging be prohibited following wildfire?" In *Proceedings of the 1999 NCASI West Coast Regional Meeting II*:452-460.
- Ingalsbee, T. 1998. "Learn from the burn: northern spotted owls and fire." In *Proceedings from Conference on Fire Effects on Rare and Endangered Species and Habitats, March 29-April 1, Coeur d'Alene, ID*.
- Irving, J.S., and T.C. Bjornn. 1984. "Effects of substrate size composition on survival of Kokanee salmon and cutthroat and rainbow trout embryos." Technical Report 84-6. University of Idaho Cooperative Fishery Research Unit. Moscow, ID.
- Irwin, L.L. 2003. "Habitat relationships of northern spotted owls." Unpublished report. 47 pages.

- Irwin, L.L., and J.W. Thomas. 2002. "Policy conflicts relative to managing fire-adapted forests: The case of the northern spotted owl." Submitted to *Fire in Oregon Forest: assessing the risk, effects, and treatment options*. (in press). Unpublished report. 21 pages
- Irwin, L.L., D.F. Rock, and G.P. Miller. 2000. "Stand structures used by northern spotted owls in managed forests." *Journal of Raptor Research* 34(3):175-186.
- Johnson, D.H., and T.A. O'Neil. 2001. *Wildlife-Habitat Relationships in Oregon and Washington*. Oregon State University Press. Corvallis, OR.
- Jones, R.D., et al. 1993. "Fishery and aquatic management program in Yellowstone National Park." US Fish and Wildlife Service, Technical Report for 1992, Yellowstone National Park, Wyoming.
- Kagan, J.S., et al. 2001. *Classification of native vegetation of Oregon*. Oregon Natural Heritage Program. Portland, OR. <http://oregonstate.edu/ornhc/publications.html>
- Kaye, T.N. 2000a. "Cimicifuga elata population monitoring Medford District, BLM, progress report." Cooperative Challenge Cost-Share Project with Medford District BLM and Institute for Applied Technology.
- Kaye, T.N. 2000b. "Population dynamics of tall bugbane and effects of forest management." Cooperative Challenge Cost-Share Project with Eugene, Roseburg, and Salem Districts; Willamette and Rogue River National Forests; and Oregon Department of Agriculture/Plant Conservation Biology Program.
- Keane, R.E., et al. 2002. "Cascading effects of fire exclusion in Rocky Mountain ecosystems: Literature review." General Technical Report RMRS-GTR-91. USDA Forest Service, Rocky Mountain Research Station. Ft. Collins, CO.
- Kelly, E.G. 2001. "The range expansion of the northern barred owl: An evaluation of the impact on spotted owls." Master's Thesis. Oregon State University. Corvallis, OR.
- Kimme, J.W., and R.L. Furniss. 1943. "Deterioration of fire-killed Douglas-fir." Technical Bulletin No. 851. United States Department of Agriculture. Washington, DC.
- King, G.M., et al. 1998. "Spotted owl use of habitat impacted by 1994 fires on the Yakima Indian Reservation: Three years post fire." Unpublished report presented at the second Fire Effects Conference.
- King, T. 1998. *Cultural Resource: Laws and Practice an Introductory Guide*. Alta Mira Press. Walnut Creek, CA.
- Klock, G.O. 1975. "Impact of five postfire salvage logging systems on soils and vegetation." *Journal of Soil and Water Conservation* 30(2):78-81.
- Knight, L., and J. Seevers. 1992. *Special Status Plants of the Medford District BLM*. USDI Bureau of Land Management, Medford District Office. Medford, OR.
- LaHaye, W.S., and R.J. Gutierrez. 1999. "Nest sites and nesting habitat of the northern spotted owl in northwestern California." *The Condor* 101:324-330.
- Leenhouts, B., J. Peterson, and D. Sandberg. 1998. *Estimating Natural Emissions From Wildland and Prescribed Fire*. Prepared for Wildland Fire Issues Group. http://fire.fws.gov/ifcc/smoke/Natural_emissions.htm
- Li, H.W., et al. 1987. "Factors influencing changes in fish assemblages of Pacific Northwest streams." In *Community and Evolutionary Ecology of North American Stream Fishes*, edited by W.J. Matthews and D.C. Hines. University of Oklahoma Press. Norman, OK.
- Lister, D.B., and Genoe, H.S. 1979. "Stream habitat utilization by cohabiting underyearlings of Chinook (*Oncorhynchus tshawytscha*) and coho salmon (*O. kisutch*) in the Big Qualicum River, British Columbia." *Journal of Fisheries Research Board of Canada* 27:1215-1224.

Bibliography

- Lotspeich, F.B., E.W. Mueller, and P.J. Frey. 1970. "Effects of large scale forest fires on water quality in interior Alaska." Federal Water Pollution Control Administration. Alaska Water Laboratory. College, AK.
- Luce, C.H. 1997. "Effectiveness of road ripping in restoring infiltration capacity of forest roads." *Restoration Ecology* 5(3): 265-270.
- Luce, C.H. and T.A. Black. 2002. "Modelling the effectiveness of log erosion barriers." *Geological Society of America: 2002 Annual Meeting October 27-30, 2002, Denver, CO*. GSA Paper No. 143-13.
- Lyon, L.J., et al. 2002. "Chapter 1: Introduction." In *Wildland Fire in Ecosystems; Effects of Fire on Fauna*, edited by J.K. Smith. General Technical Report RMRS-GTR-42-Vol. 1. USDA Forest Service, Rocky Mountain Research Station. Ft. Collins, CO.
- Maloney, P.C., J.L. Thornton, E. Lesch. 1995. "Executive summary: Summary of watershed monitoring within the Foothills Fire salvage logging area 1992-1995. Boise, ID." USDA Forest Service, Boise National Forest.
- Marcot, B.G., and J.W. Thomas. 1997. "Of spotted owls, old growth, and new policies: A history since the Interagency Scientific Committee report." General Technical Report PNW-GTR-408. USDA Forest Service, Pacific Northwest Research Station. Portland, OR.
- Marcot, B.G., et al. 2002. "The DecAID Repository: Background Information for DecAID, The Decayed Wood Advisor for Managing Snags, Partially Dead Trees, and Down Wood for Biodiversity in Forests of Washington and Oregon." USDA Forest Service, Pacific Northwest Research Station. Portland, OR.
http://www.fs.fed.us/wildecology/decaid/decaid_background/decaid_home.htm
- Marshall, D.E., and E.W. Britton. 1990. "Carrying capacity of coho streams." Canadian Manuscript Report of Fisheries and Aquatic Sciences. 2058:1-32.
- Marshall, V.G., and D.S. DeBell. 1980. "Comparison of four methods of measuring volatilization losses of nitrogen following urea fertilization of forest soils." *Canadian Journal of Soil Science* 60:549-563.
- Marston, R.A., and D.H. Haire. 1990. "Runoff and soil loss following the 1988 Yellowstone fires." *Great Plains—Rocky Mountain Geographical Journal* 18(1):1-8. (NRCS 2002).
- Martin, D.J., L.J. Wasserman, and V.H. Dale. 1986. "Influence of riparian vegetation on post-eruption survival of coho salmon fingerlings on the west-side streams of Mt. St. Helens, Washington." *North American Journal of Fisheries Management* 6:1-8.
- Martin, R.M., and A.C. Wertheimer. 1987. "Survival of coho salmon (*Oncorhynchus Kisutch*) cultured in fresh water and in estuarine pens." *Aquaculture* 61:181-191.
- Maser, C., et al. 1988. "What we know about large trees that fall to the forest floor." In *From the Forest to the Sea: A Story of Fallen Trees*. General Technical Report PNW-GTR-229. USDA Forest Service. Pacific Northwest Research Station. Portland, OR.
- Mason, J.C. 1976. "Response of underyearling coho salmon to supplemental feeding in a natural stream." *Journal of Wildlife Management* 40:775-788.
- Mason, J.C., and D.W. Chapman. 1965. "Significance of early emergence, environmental rearing capacity, and behavioral ecology of juvenile coho salmon in stream channels." *Journal of the Fisheries Research Board of Canada* 22:173:190.
- McCune, B., and L. Geiser. 1997. *Macrolichens of the Pacific Northwest*. Oregon State University Press. Corvallis, OR.
- McIver, J.D., and L. Starr. (Technical Editors). 2000. "Environmental effects of postfire logging: Literature review and annotated bibliography." USDA Forest Service, Pacific Northwest Research Station. Portland, OR.

- McIver, J.D., and L. Starr. 2001. "A literature review on the environmental effects of postfire logging." *Western Journal of Applied Forestry* 16(4):159-168.
- McMahon, T.E., and D.S. deCalesta. 1990. "Effects of fire on fish and wildlife." In *Natural and Prescribed Fire in Pacific Northwest Forests*, edited by J.D. Walstad, S.R. Radosevich, and D.V. Sandberg. Oregon State University Press. Corvallis, OR.
- McNab, D.H. and F.J. Swanson. 1990. "Effects of fire on soil erosion." In *Natural and Prescribed Fire in Pacific Northwest Forests*, edited by J.D. Walstad, S.R. Radosevich, and D.V. Sandberg. Oregon State University Press. Corvallis, OR.
- Meehan, W.R. (Editor) 1991. *Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats* American Fisheries Society, Special Publication 19. Bethesda, MD.
- Meehan, W.R., F.J. Swanson, and J.R. Sedell. 1977. "Influences of riparian vegetation on aquatic ecosystems with particular reference to salmonid fishes and their food supply." Pages 137-145. In *Importance, Preservation and Management of Riparian Habitat: A Symposium*, edited by R. Johnson and D. Jones. General Technical Report RM-43. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station.
- Meiman, S., et al. 2002 (in press). "Effects of commercial thinning on spotted owl home range and habitat use patterns: A case study." Oregon State University. Corvallis, OR.
- Mellen, K., et al. 2002. "DecAID, the Decayed Wood Advisor for Managing Snags, Partially Dead Trees, and Down Wood for Biodiversity in Forests of Washington and Oregon." <http://www.notes.fs.fed.us:81/PNW/DecAID/DecAID.nsf>
- Meyer, G.A., and J.L. Pierce. 2003. "Climatic controls on fire-induced sediment pulses in Yellowstone National Park and central Idaho: A long term perspective." *Forest Ecology and Management* 178:89-104.
- Meyer, J.S., L.L. Irwin, and M.S. Boyce. 1998. "Influence of habitat abundance and fragmentation on northern spotted owls in western Oregon." *Wildlife Monographs* 139:1-51.
- Miller, D., C. Luce, and L. Benda. 2003. "Time, space, and periodicity of physical disturbance in streams." *Forest Ecology and Management* 178:121-140.
- Miller, G.S., R.J. Small, and E.C. Meslow. 1997. "Habitat selection by spotted owls during natal dispersal in western Oregon." *Journal of Wildlife Management* 61(1):140-150.
- Minshall, G.W. 2003. "Responses of stream benthic macroinvertebrates to fire." *Forest Ecology and Management* 178:155-161.
- Minshall, G.W., C.T. Robinson, and D.E. Lawrence. 1997. "Post-fire responses of lotic ecosystems in Yellowstone National Park, U.S.A." *Canadian Journal of Fisheries and Aquatic Sciences* 54:2509-2525.
- Minshall, G.W., J.T. Brock, and J.D. Varley. 1989. "Wildfires and Yellowstone's stream ecosystems." *BioScience* 39:707-715.
- Minshall, G.W., et al. 1990. "Changes in wild trout habitat following forest fire." In *Wild Trout IV: Proceedings of the Symposium, September 18-19, 1989, Yellowstone National Park*, edited by F. Richardson and R.H. Hamre. Trout Unlimited. Arlington, VA. Pages 111-119.
- Minshall, G.W., et al. 1995. "Benthic community structure in two adjacent streams in Yellowstone National Park five years after the 1988 wildfires." *Great Basin Naturalist* 55:193-200.
- Montana Department of Environmental Quality. 2001. *DEQ and Smoke: Forest Fire Smoke Categories-Breakpoint and Associated Visibility*. <http://deq.state.mt.us/fireupdates/2001/Breakpoints.asp>
- Moody, J.A., and D.A. Martin. 2001. "Initial hydrologic and geomorphic response following a wildfire in the Colorado Front Range." *Earth Processes and Landforms* 26(10):1049-1070.

Bibliography

- Muir, P.S., et al. 2002. *Managing for Biodiversity in Young Douglas-Fir Forests of Western Oregon* USDI, US Geological Survey. Biological Science Report, USGS/BRD/BSR-2002-0006.
- Murphy, M.L., and J.D. Hall. 1981. "Varied effects of clear-cut logging on predators and their habitat in small streams of the Cascade Mountains, Oregon." *Canadian Journal of Fisheries and Aquatic Sciences* 38:137-145.
- Murphy, M.L., and K.V. Koski. 1989. "Input and depletion of woody debris in Alaska streams and implications for streamside management." *North American Journal of Fisheries Management* 9:427-436.
- Murphy, M.L., and W.R. Meehan. 1991. "Stream ecosystems." *American Fisheries Society Special Publication* 19:17-46.
- Murphy, M.L., C.P. Hawkins, and N.H. Anderson. 1981. "Effects of canopy modification and accumulated sediment on stream communities." *Transactions of the American Fisheries Society* 110:469-478.
- Murphy, M.L., et al. 1984. "Role of large organic debris as winter habitat for juvenile salmonids in Alaska streams." In *Western Proceedings, 64th Annual Conference of the Western Association of Fish and Wildlife Agencies, July 16-19, 1984, Victoria, B.C.* 64:251-262.
- Murphy, M.L., et al. 1986. "Effects of clear-cut logging with and without buffer strips on juvenile salmonids in Alaskan streams." *Canadian Journal of Fisheries and Aquatic Sciences* 43:1521-1533.
- Nickell, K.R. 1986. "Spotted owls in harvested areas." Master's Thesis. Eastern Illinois University.
- Nickelson, T.E., M.F. Solazzi, and S.L. Johnson. 1986. "Use of hatchery coho salmon (*Oncorhynchus kisutch*) presmolts to rebuild wild populations in Oregon coastal streams." *Canadian Journal of Fisheries and Aquatic Sciences* 43:1521-1533.
- Norris, L.A., and W.L. Webb. 1989. "Effects of fire retardant on water quality." In *Proceedings of the Symposium on Fire and Watershed Management. October 26-28, 1988, Sacramento, CA.* General Technical Report PSW-GTR-109:79-86. USDA Forest Service, Pacific Southwest Forest and Range Experiment Station. Albany, CA.
- Ohmann, J. L. July 26, 2002. "Snag Dynamics in Western Oregon and Washington." <http://www.notes.fs.fed:81/pnw/DecAID/DecAID.nsf>
- Oregon Department of Environmental Quality. 2003. Oregon Administrative Rules. Division 41. <http://www.deq.state.or.us/about/rules.htm>
- Oregon Department of Environmental Quality. 2003. *Wildfire Smoke and Your Health.* <http://www.deq.state.or.us/aq/aqplanning/wildfire.htm>
- Oregon Department of Forestry and Oregon Department of Environmental Quality. 2002. *Sufficiency Analysis: A Statewide Evaluation of Forest Practices Act Effectiveness in Protecting Water Quality.* Salem, OR.
- Oregon Department of Forestry. 2003a. "Forest Practices Reforestation Rules." Oregon Administrative Rules, Division 610. http://arcweb.sos.state.or.us/rules/OARS_600/OAR_629/629_610.html
- Oregon Department of Forestry. 2003a. "Forest Roads: Road Construction and Maintenance." Oregon Administrative Rules, Division 625. http://arcweb.sos.state.or.us/rules/OARS_600/OAR_629/629_625.html
- Oregon Employment Department. 2003. Oregon Labor Market Information System. <http://www.qualityinfo.org/olmisj/OlmisZine?zineid=00000012>
- Oregon State Historic Preservation Office. 1995. *Protocol for Managing Cultural Resources.* Report prepared for the Medford District, Bureau of Land Management. Medford, OR.
- Parks, C.G., and C.L. Schmitt. 1997. "Wild edible mushrooms in the Blue Mountains: resource and issues." General Technical Report PNW-GTR-393. USDA Forest Service, Pacific Northwest Research Station. Portland, OR.

- Parsons, Annette. 2003. Personal communication regarding hydrophobic soils on the Timbered Rock Fire. January 28, 2003.
- Partners in Flight. 2000. *Partners in Flight Landbird Conservation Plans: Westside Coniferous Forest*. http://community.gorge.net/natres/pif/westside_page1.html
- Pess, G.R., et al. 2002. "Landscape characteristics, land use, and coho salmon (*Oncorhynchus kisutch*) abundance, Snohomish River, Wash., U.S.A." *Canadian Journal of Fisheries and Aquatic Sciences* 59:613-623.
- Peters, R.L., E. Frost, and F. Pace. "Managing for forest ecosystem health: A reassessment of the forest health crisis." Defenders of Wildlife. April 1996.
- Poff, R.J. 1989. "Compatibility of timber salvage operations with watershed values." In *Proceedings of the Symposium on Fire and Watershed Management, October 26-28, 1988, Sacramento, CA*, technical coordinator N.H. Berg. General Technical Report PSW-GTR-109:137-140. USDA Forest Service, Pacific Southwest Forest and Range Experiment Station. Albany, CA.
- Poff, R.J. 2002. *Existing Soil Quality on the Star Fire, Eldorado National Forest*. Natural Resources Professional Services Contract 53-9158-NRM-08.
- Powell, R.A., and W.J. Zielinski. 1994. "Fisher." In *The Scientific Basis for Conserving Forest Carnivores: American Martin, Fisher, Lynx, and Wolverine in the Western United States*, edited by L.F. Ruggiero, et al. General Technical Report RM-GTR-254. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. Ft. Collins, CO.
- Ragenovich, I.R. 1988. "Insect management." In *Fir Report* 9(4):14-15.
- Raley, C., and K. Aubrey. 2002. *Ecological Characteristics of Fishers in the Southern Oregon Cascade Range. Final Progress Report: June 2002*. USDA Forest Service, Pacific Northwest Research Station. Olympia, WA.
- Ralph, S.C. et al. 1994. "Stream channel morphology and woody debris in logged and unlogged basins of western Washington." *Canadian Journal of Fisheries and Aquatic Sciences* 51:37-51.
- Raphael, M.G. and M. White. 1984. "Use of snags by cavity-nesting birds in the Sierra Nevadas." *Wildlife Monograph* No. 86:1-66.
- Rapp, V. 2002. "Restoring complexity: Second-growth forests and habitat diversity." *PNW Science Update* 1(May 2002):1-10. <http://www.fs.fed.us/pnw/scienceupdate1.pdf>
- Reeves, G.H., F.H. Everest, and J.R. Sedell. 1993. "Diversity of juvenile anadromous salmonid assemblages in coastal Oregon basins with different levels of timber harvest." *Transactions of the American Fisheries Society* 122:309-317.
- Reeves, G. H., et al. 1995. "A disturbance-based ecosystem approach to maintaining and restoring freshwater habitats of evolutionarily significant units of anadromous salmonids in the Pacific Northwest." In *Evolution and the Aquatic Ecosystem: Defining Unique Units in Population Conservation; Proceedings from Evolution and the Aquatic Ecosystem Symposium, May 1994, Monterrey, CA*, edited by J.L. Nielsen. American Fisheries Society.
- Reneau, S.L. and W.E. Dietrich. 1987. "Size and location of colluvial landslides in a steep forested landscape." In *Erosion and Sedimentation in the Pacific Rim*, edited by R.L. Beschta et al. International Association of Hydrological Sciences. 165: 39-49.
- Resh, V.H., et al. 1988. "The role of disturbance in stream ecology." *The North American Benthological Society* 7(4):433-455.
- Reynolds, R., et al. 1992. "Management recommendations for the Northern Goshawk in the Southwestern United States." General Technical Report RM-217. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. Ft. Collins, CO.
- Riegel, G.M., B.G. Smith, and J.F. Franklin. 1992. "Foothill oak woodlands of the interior valleys of Southwestern Oregon." *Northwest Science* 66(2):66-76.

Bibliography

- Rieman, R.E. 2003. "Introduction to the effects of wildland fire on aquatic ecosystems in the Western USA." *Forest Ecology and Management* 178:1-3.
- Rieman, B.E., and J.L. Clayton. 1997. "Wildfire and native fish: Issues of forest health and conservation of native fishes." *Fisheries* 22(11):6-15.
- Rieman, B.E., and J. McIntyre. 1995. "Occurrence of bull trout in naturally fragmented habitat patches of varied size." *Transaction of the American Fisheries Society* 124:285-296.
- Rieman, B.E., et al. 1997. "Does wildfire threaten extinction for salmonids: Responses of redband trout and bull trout following recent large fires on the Boise National Forest." In *Proceedings of the Symposium on Fire Effects on Threatened and Endangered Species and Habitats, November 13-16, 1995, Coeur d'Alene, ID*, edited by J. Greenlee. International Association of Wildland Fire. Fairfield, WA.
- Rieman, B.E., et al. In Press. "Status of native fishes in the western United States and issues for fire and fuels management." *Forest Ecology and Management*.
- Rinne, J. N. 1996. "Short-term effects on wildfire on fishes and aquatic macroinvertebrates in the southwestern United States." *North American Journal of Fisheries Management* 16:653:658.
- Ripple, W. J., et al. 1991. "Old growth and mature forests near spotted owl nests in western Oregon." *Journal of Wildlife Management* 55(1):316-318.
- Robison, G.E., et al. 1999. "Oregon Department of Forestry storm impacts and landslides of 1996: Final report." *Forest Practices Technical Report #4*. Oregon Department of Forestry, Forest Practices Monitoring Program.
- Robinson, C.T., and G.W. Minshall. 1996. "Physical and chemical responses of streams in Yellowstone National Park following the 1988 wildfires." In *Proceedings of the second biennial conference on the Greater Yellowstone Ecosystem: The ecological implications of fire in Greater Yellowstone, September 19-21, 1993, Mammoth Hot Springs, Yellowstone National Park*, edited by J.M. Greenlee. International Association of Wildland Fire. Fairfield, WA. Pages 217-221.
- Rose, C.L., et al. 2001. "Decaying wood in Pacific Northwest forests: Concepts and tools for habitat management." In *Wildlife-Habitat Relationships in Oregon and Washington*, edited by D.H. Johnson and T.A. O'Neil. Oregon State University Press, Corvallis, OR.
- Rothermel, R. 1983. "How to predict the spread and intensity of forest and range fires." General Technical Report INT-GTR-143, USDA Forest Service, Intermountain Forest and Range Experiment Station. Ogden, UT.
- Roubichaud, P.R., J.L. Beyers, and D.G. Neary. 2000. "Evaluating the effectiveness of postfire rehabilitation treatment." General Technical Report RMRS-GTR-63. USDA Forest Service, Rocky Mountain Research Station. Fort Collins, CO. http://www.fs.fed.us/rm/pubs/rmrs_gtr63.html
- Ryan, K.C., E.D. Reinhardt. 1988. "Predicting post-fire mortality of seven western conifers." *Canadian Journal of Forest Research* 18:1291-1297.
- Saab, V., et al. April 24, 2003. *Selection of fire-created snags at two spatial scales by cavity-nesting birds*. http://www.fs.fed.us/wildecology/decayd_background/decayd_papsaab.htm.
- Sakai, H.F., and B.R. Noon. 1993. "Dusky-footed woodrat abundance in different-aged forests in northwestern California." *Journal of Wildlife Management* 57(2):373-382.
- Salo, E.O., and T.W. Cundy, editors. 1987. *Streamside Management: Forestry and Fishery Interactions*. Contribution 57. University of Washington, Institute of Forest Resources. Seattle, WA.
- Sandberg, D.V., R.D. Ottmar, and J.L. Peterson. 2002. "Wildland fire in ecosystems: effects of fire on air." General Technical Report RMRS-GTR-42-Vol. 5. USDA Forest Service, Rocky Mountain Research Station. Fort Collins, CO.

- Schroeder, W.L. and G.W. Brown. 1984. "Debris torrents, precipitation, and roads in two coastal Oregon watersheds." In *Proceedings from the Symposium of the Effects of Forest Land Use on Erosion and Slope Stability*. May 1984, Honolulu, HI. Pages 117-122.
- Scrivener, J.C., and B.C. Andersen. 1984. "Logging impacts and some mechanisms that determine the size of spring and summer populations of coho salmon fry (*Oncorhynchus kisutch*) in Carnation Creek, British Columbia." *Canadian Journal of Fisheries and Aquatic Sciences* 41:1097-1105.
- Scrivener, J.C. 1988. "Changes in composition of the streambed between 1973 and 1985 and the impacts on salmonids in Carnation Creek." In *Proceedings of the workshop: Applying 15 years of Carnation Creek results. January 13-15, 1987, Nanaimo, B.C.*, edited by T.W. Chamberlin. Pages 59-65.
- Scrivener, J.C., and M.J. Brownlee. 1989. "Effects of forest harvesting on spawning gravel and incubation survival of chum (*Oncorhynchus keta*) and coho salmon (*O. kisutch*) in Carnation Creek, British Columbia." *Canadian Journal of Fisheries and Aquatic Sciences* 46:681-696.
- Seamans, M.E., et al. 2001. "Spotted owl demography in the central Sierra Nevada." *Journal of Wildlife Management* 65(3): 425-431.
- Sedell, J.R., and C.N. Dahm. 1984. "Catastrophic disturbances to stream ecosystems: Volcanism and clear-cut logging." In *Current Perspectives in Microbial Ecology*, edited by M.J. Klug and C.A. Reddy. Michigan State University, East Lansing, MI, and American Society of Microbiology, Washington, DC.
- Sedell, J.R., et al. 1990. "Role of refugia in recovery from disturbances: Modern fragmented and disconnected river systems." *Environmental Management* 14:711-724.
- Sessions, et al, 2003. *The Biscuit Fire: Management Options for Forest Regeneration, Fire, and Insect Risk Reduction and Timber Salvage*. Report to Douglas County Board of Commissioners. Oregon State University.
- Shatford, J., and D. Hibbs. 2002. "Large woody debris production and input." In *The Cooperative Forest Ecosystem Research Program Annual Report 2002*, edited by J. Erickson. Corvallis, OR. Pages 22-25.
- Shatford, J.P., D.E. Hibbs, No date. "Large Woody Debris Input and Production: A Survey of Unmanaged Riparian Forests in Southwestern Oregon." Unpublished Report. Cooperative Forest Ecosystem Research Program. Oregon State University, Corvallis, OR.
- Sidle, R.C., A.J. Pearce, and C.L. O'Loughlin. 1985. "Hillslope stability and land use." *Water Resources Monograph Series, Volume II*. American Geophysical Union. Washington, DC.
- Solis, D.M., and R.J. Gutierrez. 1990. "Summer ecology of northern spotted owls in northwestern California." *Condor* 92: 739-748.
- Spencer, C.N., K.O. Gabel, and F.R. Hauer. 2003. "Wildfire effects on stream food webs and nutrient dynamics in Glacier National Park, USA." *Forest Ecology and Management* 178:141-153.
- Swanson, F. 1981. "Fire and geomorphic processes." In *Fire Regimes and Ecosystem Properties*, edited by H.A. Mooney, et al. General Technical Report GTR-WO-26. USDA Forest Service. Washington, DC.
- Swanson, F.J. and G.W. Lienkaemper. 1978. "Physical consequences of large organic debris in Pacific Northwest streams." General Technical Report PNW-GTR-69. USDA Forest Service, Pacific Northwest Forest and Range Experiment Station. Portland, OR.
- Swanson, F.J., et al. 1987. "Mass failures and other processes of sediment production in Pacific Northwest forest landscapes." In *Stream Side Management: Forestry and Fishery Interactions*, edited by E.O. Salo and T.W. Cundy. Contribution 57. University of Washington, Institute of Forest Research. Seattle, WA.

Bibliography

- Swanson, F.J., et al. 1993. "Natural variability—implications for ecosystem management." In *Eastside Forest Ecosystem Health Assessment, Volume II: Ecosystem Management: Principles and Applications* Portland OR.
- Swanston, D.N. 1971. "Principal soil movement processes influenced by road building, logging, and fire." In *Proceedings of a Symposium - Forest Land Uses and Stream Environment, October 19-21, 1970*, edited by J.T. Krygier and J.D. Hall. Oregon State University, Corvallis, OR. Pages 29-40.
- Swanston, D.N. 1991. "Natural process." *American Fisheries Society Special Publication* 19:139-179.
- Swanston, D.N. and F.J. Swanson. 1980. "Chapter V, Soil Mass Movement," In *An Approach to Water Resource Evaluation of Non-point Silvicultural Sources*. EPA-600/8-80-012, US EPA, Office of Research and Development Environmental Research Laboratory. Athens, GA.
- Swindle, K.A., et al. 1999. "Old-forest distribution around spotted owl nests in the central Cascade Mountains, Oregon." *Journal of Wildlife Management* 63(4):1212-1221.
- Tappel, P.D., and T.C. Bjornn. 1983. "A new method of relating size of spawning gravel to salmonid embryo survival." *North American Journal of Fisheries Management* 3:123-135.
- Tappeiner, J.C., et al. 1997. "Density, ages, and growth rates in old-growth and young-growth forests in coastal Oregon." *Canadian Journal of Forest Research* 27:638-648.
- Tauer, G.R. 2003. Oregon Employment Department. Personal communication via e-mail on multipliers for forestry, lumber and wood products in Jackson and Josephine Counties.
- Taylor, A.L., and E.D. Forsman. 1976. "Recent range extensions of the barred owl in western North America, including the first records for Oregon." *Condor* 78(4):560-561.
- The National Academies. 2000. *Environmental Issues in Pacific Northwest Forest Management*. National Academy Press. Washington, DC.
- Therriault, S. 2001. *Wildfire Smoke: A Guide for Public Health Officials*. Missoula City-County Health Department. Missoula, MT. <http://depts.Washington.edu/wildfire/resources/pubhealthguide.pdf>
- Thielenius, J.F. 1968. "The *Quercus garryana* forests of the Willamette Valley, Oregon." *Ecology* 49(6):1124-1133.
- Thomas, J.W., et al. 1990. "A conservation strategy for the northern spotted owl: A report of the Interagency Scientific Committee to address the conservation of the northern spotted owl." US Government Printing Office. Portland, OR.
- Tiarks, A.E., et al. 1997. "North American long-term productivity research program." In *Proceedings of the National Silviculture Workshop; 1997 May 19-22, Warren, PA*. General Technical Report GTR-NE-238. Northeastern Forest Experiment Station. Radnor, PA.
- Tripp, D.B., and V.A. Poulin. 1986a. "The effects of logging and mass wasting on salmonid spawning habitat in streams on the Queen Charlotte Islands." British Columbia Ministry of Forests and Lands, Land Management Report 50, Victoria, BC.
- Tripp, D. B., and V.A. Poulin. 1986b. "The effects of mass wasting on juvenile fish habitats in streams on the Queen Charlotte Islands." British Columbia Ministry of Forests and Lands, Land Management Report 45, Victoria, BC.
- Tripp, D. B., and V.A. Poulin. In press. "The effects of logging and mass wasting on juvenile salmonid populations in streams on the Queen Charlotte Islands." British Columbia Ministry of Forests and Lands, Land Management Report 80, Victoria, BC.
- Tschaplinski, P.J., and G.F. Hartman. 1983. "Winter distribution of juvenile coho salmon (*Oncorhynchus kisutch*) before and after logging in Carnation Creek, British Columbia, and some implications for overwinter survival." *Canadian Journal of Fisheries and Aquatic Sciences* 40:452-461.

- USDA, Soil Conservation Service. 1993. *Soil Survey of Jackson County Area, Oregon*.
- USDA, Natural Resources Conservation Service. 2002. *OR632, Soil Survey of Jackson County Area, Oregon*. Electronic database, http://www.or.nrcs.usda.gov/pnw_soil/oregon/or632.html
- USDA, US Forest Service. No Date. FMS 3400-Forest Pest Management, Pacific Northwest Region, Training Manual.
- USDA, US Forest Service. 1982. "Forest Insect and Disease Leaflet 1, Western Pine Beetle." <http://www.fs.fed.us/r6/nr/fid/fidls/fidl1.pdf>
- USDA, US Forest Service. 1988. *Silver Fire Recovery Plan, Final Environmental Impact Statement*. Siskiyou National Forest. Grants Pass, OR.
- USDA, US Forest Service. 1989. "Forest Insect and Disease Leaflet 2, Mountain Pine Beetle." <http://www.fs.fed.us/r6/nr/fid/fidls/fidl2.htm>
- USDA, US Forest Service. 1996. "Forest Insect and Disease Leaflet 5, Douglas-fir Beetle." <http://www.fs.fed.us/r6/nr/fid/fidls/fidl5.pdf>
- USDA, US Forest Service. 2000a. *A Guide to Rare Plants of the Siskiyou National Forest*. Siskiyou National Forest, Grants Pass, OR.
- USDA, US Forest Service. 2000b. "Chetco Ranger District Wildlife and Riparian Enhancement Plan."
- USDA, US Forest Service. 2003. *Wildfire Effects Evaluation Project*. Umpqua National Forest. Roseburg, OR.
- USDA, US Forest Service, and State and Private Forestry. 2000. *Survivability and Deterioration of Fire-Injured Trees in the Northern Rocky Mountains* (A Review of Literature). Report No. 2000-13.
- USDA Forest Service Manual, Chapter 2520, R-6 Supplement No. 2500.98-1, Effective August 24, 1998.
- USDA, US Forest Service, and USDI, Bureau of Land Management. 1994a. *Final Supplemental Environmental Impact Statement on Management of Habitat for Late-Successional and Old-Growth Forest Related Species Within the Range of the Northern Spotted Owl*. Government Printing Office.
- USDA, US Forest Service, and USDI, Bureau of Land Management. 1994b. *Record of Decision for Amendments to Forest Service and Bureau of Land Management Planning Documents Within the Range of the Northern Spotted Owl and Standards and Guidelines for Management of Habitat for Late-Successional and Old-Growth Forest Related Species Within the Range of the Northern Spotted Owl*. Government Printing Office.
- USDA, US Forest Service, and USDI, Bureau of Land Management, Medford District Office, Butte Falls Resource Area. 1996. *Elk Creek Watershed Analysis: Rogue River Basin-Upper Rogue Subbasin*. Medford, OR.
- USDA, US Forest Service, and USDI, Bureau of Land Management. 1998a. *Management Recommendations for Vascular Plants*. BLM 1630/1736-PFP (BLM-OR931)P.
- USDA, US Forest Service, and USDI, Bureau of Land Management. 1998b. *South Cascades Late-Successional Reserve Assessment*. Government Printing Office.
- USDA, Forest Service R-5/6 and USDI Bureau of Land Management OR/WA/CA. 2000. *Management recommendations for the Oregon red tree vole *Arborimus longicaudus*, Version 2.0*. BLM Instruction Memorandum No. OR-2000-086.
- USDA, US Forest Service and USDI, Bureau of Land Management. 2001a. *Biological Assessments and Biological Opinion for Rogue River/South Coast FY 01/02/03 Timber Sale Projects for Medford District BLM and Rogue River and Siskiyou National Forests*. US Forest Service and BLM. Portland, OR.

Bibliography

- USDA, US Forest Service and USDI, Bureau of Land Management. 2001b. *Record of Decision and Standards and Guidelines for Amendments to the Survey and Manage, Protection Buffer and other Mitigation Measures Standards and Guidelines*. Government Printing Office.
- USDA, US Forest Service and USDI, Bureau of Land Management. 2002a. Instruction Memorandum No. OR-2002-080. *Survey and Manage: Management Recommendations Amendments for Fuel Hazard Reduction Treatments Around At-Risk Communities*. Portland, OR.
- USDA, US Forest Service and USDI, Bureau of Land Management. 2002b. *Survey Protocol for the Great Gray Owl within the Range of the Northwest Forest Plan*. (Revised version of the 1995 protocol).
- USDA, US Forest Service and USDI, Bureau of Land Management. 2003a. "Annual species review results and implementation summary." BLM Instruction Memorandum No. OR-2003-050. Effective March 14, 2003.
- USDA, US Forest Service and USDI, Bureau of Land Management. 2003b. *Draft Sufficiency Analysis for Stream Temperature: Evaluation of the Adequacy of the Northwest Forest Plan Riparian Strategy for the Achievement and Maintenance of Temperature Water Quality Standards*.
- USDI. 1992. *Draft Recovery Plan for the Northern Spotted Owl*. United States Department of the Interior. Washington, D.C.
- USDI, Bureau of Land Management. 2001. Manual Rel. 6-121, 1/19/01. Section 6840-Special Status Species Management.
- USDI, Bureau of Land Management, Medford District Office. 1995. *Medford District Record of Decision and Resource Management Plan*. Government Printing Office. Medford, OR.
- USDI, Bureau of Land Management, Medford District Office. 1998. *Integrated Weed Management Plan and Environmental Assessment, OR110-98-14*.
- USDI, Bureau of Land Management, Medford District Office, Ashland Resource Area. 2000. *Jenny Creek Late-Successional Reserve Assessment*. Medford, OR.
- USDI, Bureau of Land Management, Medford District Office, Butte Falls Resource Area. 2002a. *Environmental Assessment for Timbered Rock Rehabilitation/Stabilization Project*. Medford, OR.
- USDI, Bureau of Land Management, Medford District Office, Butte Falls Resource Area. 2002b. *Finding of No Significant Impact and Decision Record for the Proposed Timbered Rock Fire Rehabilitation/Stabilization Project*. Medford, OR.
- USDI, US Fish and Wildlife Service. April 1983. *Habitat suitability index models: Lewis' woodpecker*. FWS/OBS-82-10.32.
- USDI, US Fish and Wildlife Service. 2001a. "A range wide baseline summary and evaluation of data collected through section 7 consultation for the northern spotted owl and its critical habitat: 1994-2001." Unpublished Report. Portland OR.
- USDI, US Fish and Wildlife Service. 2001b. Biological Assessment 18 July 2001, Biological Opinion #1-7-01-F-032, 12 October 2001. Rogue River/South Coast FY 01/02/03 Timber Sale Projects for Medford District, Bureau of Land Management, and Rogue River and Siskiyou National Forests.
- USDI, US Fish and Wildlife Service. 2002. *Birds of Conservation Concern 2002*. Division of Migratory Bird Management. Arlington, VA. <http://migratorybirds.fws.gov/reports/bcc2002.pdf>
- USDI, US Fish and Wildlife Service. 2003. Rogue River/South Coast Biological Assessment FY-04-08 for Activities that may affect listed species in the Rogue River/South Coast Province for Medford District, Bureau of Land Management, Rogue River and Siskiyou National Forests, Biological Opinion #1-14-03-F-511. 20 October 2003.
- US Environmental Protection Agency. 1993. *The Plain English Guide to the Clean Air Act*. EPA-400-K-93-001. http://www.epa.gov/air/oaqps/peg_caa/pegcaain.html
- US Environmental Protection Agency. 1998. *Interim Air Quality Policy on Wildland and Prescribed Fires*. <http://www.epa.gov/ttn/oarpg/t1/memoranda/firefnl.pdf>

- Vance, N.C., 1990. "Shade can reduce drought stress tolerance in ponderosa pine." In *FIR Report* 11(2):8-9.
- VanMeter, W.P., and C.E. Hardy. 1975. "Predicting effects on fish of fire retardants in streams." Research Paper INT-166. USDA Forest Service, Intermountain Forest and Range Experiment Station. Ogden, UT.
- Verner, J., et al., 2002, "Assessment of the current situation of the California spotted owl, with recommendations for management." Chapter 1, pages 3-26. In *The California Spotted Owl, A Technical Assessment of its Current Status*. Verner, J., et al. Technical Coordinators. General Technical Report GTR-133. USDA Forest Service, Pacific Southwest Research Station, Redwood Sciences Laboratory. Arcata, CA.
- Verts, B.J., and L.N. Carraway. 1998. *Land Mammals of Oregon*. University of California Press. Berkeley, CA.
- Wagner, F.F., and E.C. Meslow. 1989. "Spotted owl monitoring, Medford segment Miller Mountain Study Area, Annual Report." Unpublished Report. Oregon State University, Corvallis, OR.
- Wagner, F.F., et al. 1996. "Demography of northern spotted owls in the southern Cascades and Siskiyou Mountains, Oregon." In "*Demography of the northern spotted owl*," edited by Forsman, E.D., et al. *Studies in Avian Biology* 17:67-76. Cooper Ornithological Society.
- Ward, J.P., R.J. Gutierrez, and B.R. Noon. 1998. "Habitat selection by northern spotted owls: The consequences of prey selection and distribution." *Condor* 100:79-92.
- Weatherby, J.C., R.A. Progar, and P.J. Mocettini, Jr. 2001. "Evaluation of tree survival on the Payette National Forest 1995-1999." Forest Health Protection Report R4-01-01. USDA Forest Service, Intermountain Region. Ogden, UT.
- Weatherspoon, C.P., S.J. Husari, and J.W. vanWagtendonk. 1992. "Fire and fuels management in relation to owl habitat in forests of the Sierra Nevada and southern California." Chapter 11, pages 247-260. In *The California Spotted Owl, A Technical Assessment of its Current Status*. Verner, J., et al. Technical Coordinators. General Technical Report GTR-133. USDA Forest Service, Pacific Southwest Research Station, Redwood Sciences Laboratory. Arcata, CA.
- White, D. No date. *Guidelines for snags and down wood prescriptions in Southwestern Oregon*. Umpqua National Forest.
- Wilzbach, M.A. 1985. "Relative roles of food abundance and cover in determining the habitat distribution of stream-dwelling cutthroat trout (*Salmo clarki*)." *Canadian Journal of Fisheries and Aquatic Sciences* 42:1668-1672.
- Wilzbach, M.A., K.W. Cummins, and J.D. Hall. 1986. "Influence of habitat manipulations on interactions between cutthroat trout and invertebrate drift." *Ecology* 67:898-911.
- Wineteer, M. 2003. "Timbered Rock Fire field notes, January 8, 2003." Unpublished report. Bureau of Land Management, Medford, OR.
- Wineteer, M. 2002. "Timbered Rock Fire 2002, from rehabilitation field notes." Unpublished report. Bureau of Land Management, Medford, OR.
- Winthrop, K. 1993. "Prehistoric Settlement Patterns in Southwest Oregon." Master's thesis. University of Oregon. Eugene, OR.
- Wondzell, S. and J. King. In Press. "Post-fire erosional processes in the Pacific Northwest and Rocky Mountain regions." Accepted by *Forest Ecology and Management*.
- Yount, J.D., and G.J. Niemi. 1990. "Recovery of lotic communities and ecosystems from disturbance—a narrative review of case studies." *Environmental Management* 14: 547-569.
- Zabel, C.J., K. McKelvey, and J.P. Ward. 1994. "Influence of primary prey on home-range size and habitat-use patterns of northern spotted owls (*Strix occidentalis caurina*)." *Canadian Journal of Zoology* 73:433-439.

Bibliography