

REFERENCES CITED:

- Abrams, L. 1951. *Illustrated Flora of the Pacific States. Volume III Geraniums to Figworts*. Stanford, CA: Stanford University Press.
- Agee, J.K. 1991. "Fire History Along an Elevational Gradient in the Siskiyou Mountains, Oregon." *Northwest Science*. 65 (4):188-198.
- Agee, J.K. 1993. *Fire Ecology of Pacific Northwest Forests*. Washington, D.C.: Island Press.
- Alexander, R.R., and J.H. Buell. 1955. "Determining the direction of Destructive winds in a Rocky Mountain Timber Stand." *Journal of Forestry* 53:19-23.
- Andelman, S.J., and A. Stock. 1994. *Management, research, and monitoring priorities for the conservation of neotropical migratory landbirds that breed in Oregon/Washington* (two reports). Olympia, WA: Washington Natural Heritage Program, Washington Department of Natural Resources.
- Applegarth, J. 1996. Personal communication.
- Baldwin, E.W. 1975. *Geology of Oregon*. Kendall/Hunt Publishing, Dubuque, IA.
- Barber, H.W. 1976. "An autecological study of salmonberry (*Rubus spectabilis*) in western Washington." Ph.D. Dissertation, University of Washington, Seattle, WA.
- Barbour, M.G. 1987. "Community Ecology and Distribution of California Hardwood Forests and Woodlands". In: Plumb, T.R. and N.H. Pillsbury, Technical Coordinators. 1986. In: Proceedings of the Symposium on Multiple-use Management of California's Hardwood Resources; November 12-14, 1986; San Luis Obispo, CA. Berkeley, CA: USDA, Forest Service, Pacific Southwest Forest and Range Experiment Station: General Technical Report PSW-100:18-25.
- Beckham, S.D. 1997. *Coos Bay Wagon Road: Historical Investigations and Identification of Interpretive Options*. Submitted to US Department of the Interior, Coos Bay and Roseburg Districts. Lake Oswego, OR. 104 p.
- Benda, L.E. 1985. "Delineation of Channels Susceptible to Debris Flows and Debris Floods." In: *International Symposium on Erosion, Debris Flow, and Disaster Prevention*. Tsukuba, Japan. 195-201.
- Beschta, R.L. 1978. "Long-term patterns of sediment production following road construction and logging in the Oregon Coast Range." *Water Resour. Res.* 14(6):1011-1016.
- _____. 1980. "Turbidity and suspended sediment relationships." Water Management Symposium, Irrigation and Drainage Division, Am. Soc. Of Civil Eng., Boise, ID. July 21, 1980.
- _____. 1996. Personal communication.
- _____. 1997. "Riparian Shade and Stream Temperature: An Alternative Perspective". *Rangelands* 19(2):25-28. Oregon State University, Corvallis, OR.
- Beschta, R.L., R. Bilby, G. Brown, L.B. Holtby and T.D. Hofstra. 1987. "Stream temperature and aquatic habitat: fisheries and forestry interactions." In: E.O. Salo and T.W. Cundy (eds). *Streamside management, forestry and fishery interactions*. Seattle, Washington: Institute of Forest Resources, University of Washington. Contribution No. 57:191-232.
- Bilby, R.E., B.R. Fransen and P.A. Bisson. 1996. "Incorporation of nitrogen and carbon from spawning coho salmon (*Oncorhynchus kisutch*) into the trophic system of small streams: evidence from stable isotopes." *Can. J. Fish. Aquat. Sci.* 53(1):164-173.

- Bisson, P.A., R.E. Bilby, M.D. Bryant, C.A. Dolloff, G.B. Grette, R.A. House, M.L. Murphy, K.V. Koski and J.R. Sedell. 1987. "Large woody debris in forested streams in the Pacific Northwest: past, present, and future." In: E.O. Salo and T.W. Cundy (eds). *Streamside management: forestry and fishery interactions*. Seattle, WA: Institute of Forest Resources, University of Washington. Contribution No. 57:143-190.
- Blaustein, A.R., J.J. Beatty, D.H. Olson and R.M. Storm. 1995. *The Biology of Amphibians and Reptiles in Old-Growth Forests in the Pacific Northwest*. USDA-PNW General Technical Report PNW-GTR-337. 98 p.
- Brady, N.C. 1990. *The Nature and Properties of Soils*. New York, NY: Macmillan Publishing Company.
- Brown, G.W. 1969. "Prediction of temperature in small streams." *Water Resources Research*. 5(1):68-75.
- _____. 1972. *An improved temperature model for small streams*. Water Resources Research Institute Report 16, Oregon State University, Corvallis.
- Bugert, R.M. 1985. "Microhabitat selection of juvenile salmonids in response to stream cover alteration and predation". M.S. Thesis. University of Idaho.
- Burns, R.M. and B.H. Honkala, Technical Coordinators. 1990a. *Silvics of North America. Volume 1, Conifers*. Washington, D.C.: USDA, Forest Service. Agricultural Handbook 654. 877 p.
- _____. 1990b. *Silvics of North America. Volume 2, Hardwoods*. Washington, D.C.: USDA, Forest Service. Agricultural Handbook 654. 877 p.
- Bury, R.B. 1996. Personal communication.
- Carlton, G. 1988. "The Structure and Dynamics of Red Alder Communities in the Central Coast Range of Western Oregon". M.S. thesis, Oregon State University.
- Castellano, M.A., and J.M. Trappe. 1985. "Mycorrhizal associations of five species of Monotropoideae in Oregon." *Mycologia*. 77:499-502.
- Castellano, M.A., and T. O'Dell. 1997. *Management Recommendations for Survey and Manage Fungi, Version 2.0*. Portland OR: USDA/USDI Regional Ecosystem Office. 302 p.
- Chandler, H.L. 1901a. *Field Notes of the Subdivisional Lines of Township 19 South, Range 9 West, Willamette Meridian, Oregon*. Portland, OR: Office of the U. S. Surveyor-General (now Bureau of Land Management).
- _____. 1901b. *Field Notes of the Resurvey of the Standard Parallel through Ranges 9 and 10 West, Willamette Meridian, Oregon*. Portland, OR: Office of the U. S. Surveyor-General (now Bureau of Land Management).
- Chapman, W. 1875. *Field Notes of the Survey of the Subdivision Lines of Township 27 South, Range 11 West, Willamette Meridian, Oregon*. Portland, OR: Office of the U. S. Surveyor-General (now Bureau of Land Management).
- Chatwin, S.C., D.F. Howes, J.W. Schwab and D.N. Swanston. 1994. "A guide for management of landslide-prone terrain in the Pacific Northwest (second edition)". *Land Management Handbook* 18. Victoria, B.C.: Ministry of Forestry Research Program.
- Chen, J., and J.F. Franklin. 1990. "Microclimate pattern and basic biological responses at the clearcut edges of old-growth Douglas-fir stands." *Northwest Environmental Journal*. 6(2):424-425.
- Chen, J., J.F. Franklin, and T.A. Spies. 1992. "Vegetation responses to edge environments in old-growth Douglas-fir forests." *Ecological Applications*. 2(4):387-396.

- Choate, G.A. and F.A. Johnson. 1958. "Site index charts for Douglas-fir in the Pacific Northwest." *Pacific Northwest Forest and Range Experiment Station Research Note* 161. USDA, Portland, OR.
- Christensen, M.J. 1996. "Effects of Stream Restoration on Macroinvertebrate Communities in an Oregon Coast Range Stream." MS thesis, Oregon State University.
- Christner, J., and R.D. Harr. 1982. "Peak streamflows from the transient snow zone, Western Cascades, Oregon." Paper presented at the Western Snow Conference. Reno, NV.
- Christy, J., and D. Wagner. 1996. *Guide for the Identification of Rare, Threatened or Sensitive Bryophytes in the Range of the Northern Spotted Owl, Western Washington, Western Oregon and Northwestern California*. Portland, OR: USDI, Bureau of Land Management, OR-WA State Office.
- Christy, R.E., and S.D. West. 1993. *Biology of bats in Douglas-fir forests*. Portland, OR: USDA, Forest Service, Pacific Northwest Research Station. Gen. Tech. Rep. PNW-GTR-308. 28 p.
- Clark, R.N. and G.H. Stankey. 1979. *The Recreational Opportunity Spectrum: A Framework for Planning, Management, and Research*. Seattle, WA. USDA Forest Service, Pacific Northwest Forest and Range Experiment Station, Gen. Tech. Report PNW-98. 32 p.
- Cline, S.P., A.B. Berg, and H.M. Wight. 1980. "Snag characteristics and dynamics in douglas-fir forests, western Oregon." *Journal of Wildlife Management*. 44(4):773-786.
- Cole, E.K., M.D. Pope and R.G. Anthony. 1997. "Effects of Road Management on Roosevelt elk in the Oregon Coast Range." *Oregon Cooperative Wildlife Research Unit*. Oregon State University, Corvallis.
- Coquille Indian Tribe. 1997. "Substance of Coquille Indian Tribe Cultural Values." Coquille Indian Tribe, North Bend, OR.
- _____. n.d. "Salmon Bake Committee Booklet." Coquille Indian Tribe, North Bend, OR.
- Cromac, K., Jr., F.J. Swanson and C.C. Grier. 1978. "A comparison of harvesting methods and their impact on soils and environment in the Pacific Northwest." In: *Proceedings of the 5th North American Forest Soils Conference*, Colorado State University, Ft. Collins, CO. 449-476.
- Daugharty, D.A. and R.A. Douglas. 1994. *The "puddle jumping" model of sediment movement through riparian strips*. Proceedings of the symposium on riparian zone management. R & D Report #9, Fredericton, N.B., Canada.
- deMaynadier, P.G. and M.L. Hunter, Jr. 1995. "The relationship between forest management and amphibian ecology: a review of the North American literature." *Environmental Review*. 3:230-261.
- Dodd, K.C., Jr. and B.S. Cade. 1998. "Movement patterns and the conservation of amphibians breeding in small, temporary wetlands." *Conservation Biology* 12(2):331-339.
- Drolet, John. 1998. Personal communication.
- Farnell, J.E. 1979. *Coos and Coquille rivers navigability studies*. Salem, OR: Oregon Division of State Lands. 116 p.
- FEMAT. 1993. *Forest Ecosystem Management: An ecological, economic, and social assessment*. Report of the Forest Ecosystem Management Assessment Team. July 1993.
- Fowells, H.A. 1965. *Silvics of Forest Trees of the United States*. Washington, D.C.: U.S. Government Printing Office. USDA, Forest Service: Agr. Handbook No.271. 762 p.
- Franklin, J.F., and M.A. Hemstrom. 1981. "Aspects of Succession in the Coniferous Forests of the Pacific Northwest." In: West, D.C., *et al.* (eds.), *Forest Section*. New York, NY: Spring-Verlag. 222-229.
- Franklin, J.T., and C.T. Dyrness. 1969. *Natural Vegetation of Oregon and Washington*. Corvallis, OR: Oregon State University Press. 452 p.
- Fredriksen, R.L. 1970. *Erosion and sedimentation following road construction and timber harvest on unstable*

- soils in three small western Oregon watersheds*. USDA Forest Service Research Paper PNW-104. Pacific Northwest Forest and Range Experiment Station, Portland, OR. 15 p.
- Fredriksen, R.L., and R.D. Harr. 1979. "Soil, Vegetation and Watershed Management." Heilman, P.E. ed. *Forest Soils of the Douglas-fir Region*. Pullman, WA: Washington State University, CO-OP Extension Service.
- Furnish, J., T. Burke, T. Weasma, J. Applegarth, N. Duncan, R. Monthey and D. Gowan. 1997. *Draft Survey Protocol for Terrestrial Mollusk Species from the Northwest Forest Plan: Version 2.0*. Portland, OR: USDA, Forest Service; USDI, Bureau of Land Management. 79 p.
- Furniss, M.J., T.D. Roelofs and C.S. Yee. 1991. *Road construction and maintenance*. American Fisheries Society Publication 19:297-323.
- Geier, T.W., and D.L. Loggy. 1995. *A geomorphic risk assessment of potential fish habitat impacts from forest management in southeast Alaska*. Juneau, AK: USDA Forest Service, Tongass National Forest. 18p.
- Gibbs, J.P. 1993. "Importance of small wetlands for the persistence of local populations of wetland-associated animals." *Wetlands* 13:25-31.
- Glova, G.J. 1986. "Interaction for food and space between experimental populations of juvenile coho salmon (*Oncorhynchus kisutch*) and coastal cutthroat trout (*Salmo clarki*) in a laboratory stream." *Hydrobiologia* 132:155-168.
- Goheen, Don. 1997. Personal communication.
- Gordon, D.E. 1974. "The importance of root grafting in the spread of *Phytophthora* root rot in an immature stand of Port-Orford cedar." Corvallis, OR. Oregon State University, M.S. Thesis. 116 p..
- Gordon, D.E. and L.F. Roth. 1976. "Root grafting of Port-Orford Cedar – an infection route for root rot." *Forest Science* 22(3):276-278.
- Goward, T. 1992. "Epiphytic lichens down with the trees." S. Rautio, ed. 1991. In: *Proceedings of the Symposium, Community Action for Endangered Species*. Vancouver, B.C.: University of British Columbia Press. 153-158.
- Gregory, S.V., F.J. Swanson, W.A. McKee and K.W. Cummins. 1991. "An ecosystem perspective of riparian zones." *Bioscience* 41(8):540-551.
- Gresh, T., J. Lichatowich and P. Schoonmaker. 2000. "An estimation of historic and current levels of salmon production in the Northeast Pacific ecosystem: Evidence of a nutrient deficit in the freshwater systems of the Pacific Northwest". *Fisheries* 25(1):15-21.
- Grette, G.B. 1985. "The role of organic debris in juvenile salmonid rearing habitat in small streams." University of Washington, MS Thesis. 105 p.
- Groot, C., and L. Margolis, eds. 1995. *Pacific Salmon Life Histories*. Vancouver, B.C.: UBC Press. 564 p.
- Hammond, C., D. Hall, S. Miller and P. Swetik. 1992. *Level I Stability Analysis (LISA) Documentation for Version 2.0*. Ogden, UT: USDA Forest Service, Intermountain Research Station. Gen. Tech. Rep. INT-285. 190 p.
- Harr, R.D. and J.T. Krygier. 1972. *Clearcut logging and lowflows in Oregon coastal watersheds*. Research Note 54. Corvallis, OR.
- Harr, R.D., W.C. Harper, J.T. Krygier and F.S. Hsieh. 1975. *Changes in storm hydrographs after roadbuilding and clearcutting in the Oregon Coast Range*. Water Resour. Res. 11(3):436-444.
- Harr, R.D., R.L. Fredriksen and J. Rothacher. 1979. *Changes in streamflow following timber harvest in southwestern Oregon*. USDA Forest Service. Res. Pap. PNW-249. 22 p.
- Harris, D.D., L.L. Hubbard, and L.E. Hubbard. 1979. *Magnitude and Frequency of Floods in Western Oregon*. U.S. Geological Survey Open-File Report 79-553. 35 p.

- Harris, L.D. 1984. *The fragmented forest: island biogeography theory and the preservation of biotic diversity*. Chicago, IL: Univ. of Chicago Press.
- Hartman, G.F. 1965. "The role of behavior in the ecology and interaction of underyearling coho salmon (*Oncorhynchus kisutch*) and steelhead trout (*Salmo gairdneri*) fry in Carnation Creek, an unstable coastal stream in British Columbia." *Canadian Journal of Fisheries and Aquatic Science*. 39:588-597.
- Healey, M.C. and W.R. Heard. 1984. "Inter- and intra-population variation in the fecundity of chinook salmon (*Oncorhynchus tshawytscha*) and its relevance to life history theory." *Can. J. Fish. Aquat. Sci.* 41:476-483.
- Heinselman, M.L. 1983. "Fire Regimes and Management Options in Ecosystems with Large High-Intensity Fires." In: *Proceedings- Symposium and Workshop on Wilderness Fire, Missoula, Mont.* Ogden, UT: Inter-Mountain Forest and Range Experiment Station. Gen Tech Rep. INT-182. 101-109.
- Hemstrom, M.A., and S.E. Logan. 1986. *Plant Association and Management Guide-Siuslaw National Forest*. Portland, OR: USDA, Forest Service, Pacific Northwest Region. R6-Ecol 220-1986a. 121 p.
- Henderson, J.A. 1978. "Plant Succession in the *Alnus rubra/Rubus spectabilis* Habitat Type in Western Oregon". *Northwest Science* 52(3):156-167.
- Hickman, J.C. 1993. *The Jepson Manual: Higher Plants of California*. Berkeley, CA: University of California Press.
- Hicks, B.J., R.L. Beschta, and R.D. Harr. 1991. "Long-Term Changes in Streamflow Following Logging in Western Oregon and Associated Fisheries Implications." *American Water Resources Association, Water Resources Bulletin* 27(2):217-226.
- Hitchcock, C.L., A. Cronquist, M. Ownby and J.W. Thompson. 1961. *Vascular Plants of the Pacific Northwest: Part 3*. Seattle, WA: University of Washington Press. 614 p.
- Hofmann, C.S. 1924. *Natural Regeneration of Douglas Fir in the Pacific Northwest*. Washington, D.C.: USDA Bul. 1200. 62 p.
- Huff, M.H., R.S. Holthausen, and K.B. Aubry. 1992. *Habitat management for red tree voles in douglas-fir forests*. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. Gen. Tech. Rep. PNW-GTR-302. 16 p.
- Hynes, H.B.N. 1970. *The Ecology of Running Waters*. Liverpool, U.K.: Liverpool University Press. 555 p.
- Jackson, W.L., and B.P. Haveren. 1984. *Rainfall-Runoff Prediction and the Effects of Logging: The Oregon Coast Range*. Denver, CO: USDI Bureau of Land Management, Denver Service Center.
- Jarvis, R.L., and J.F. Passmore. 1992. *Ecology of band-tailed pigeons in Oregon*. Washington, D.C.: U.S. Dept. of Interior, Fish and Wildlife Service. Biological Report 6. 38 p.
- Johnson, H., E.J. Hanzlik, and W.H. Gibbons. 1926. *Red Alder of the Pacific Northwest: its Utilization, with Notes on Growth and Management*. Washington, D.C.: U.S. Dept. Agr. Bul. 1437. 46 p.
- Jones, J.A., and G.E. Grant. 1996. "Peak Flow Responses to Clear-cutting and Roads in Small and Large Basins, Western Cascades, Oregon." *American Geophysical Union, Water Resources Research*. 32.
- Kaye, T.N., R.J. Meinke, J. Kagan, D. Vrilakas, K.L. Chambers, P.F. Zika and J.K. Nelson. 1997. "Patterns of rarity in the Oregon flora: Implications for conservation and management." In: Kaye, T.N., et al., eds. *Conservation and Management of Native Plants and Fungi*. Proceedings from a Conference of the Native Plant Society of Oregon. Corvallis, OR: Native Plant Society of Oregon. 1-10.
- Konopacky, R.C. 1984. "Sedimentation and productivity in a salmonid stream." D. Sc. dissertation, University of Idaho.
- Lackland, S.W. 1898. *Field Notes of the Survey of the Subdivisional Lines of Township 27 South, Range 10 West, Willamette Meridian, Oregon*. Portland, OR: Office of the U. S. Surveyor-General (now Bureau of Land Management).

- Lane, J.W. 1987. "Relations Between Geology and Mass Movement Features in a Part of the East Fork Coquille River Watershed, Southern Coast Range, Oregon." Oregon State University, MS Thesis.
- MacDonald, L.H., A.W. Smart and R.C. Wissmar. 1991. "Monitoring guidelines to evaluate effects of forestry activities on streams in the Pacific Northwest and Alaska." Seattle, WA: U.S. Environmental Protection Agency, Region 10. EPA 910/9-91-001.
- Marcot, B.G. 1991. *Snag Recruitment Simulator Model, ver 2.52w*.
- Marcot, B.G., M.J. Wisdom, H.W. Li and G.C. Castillo. 1994. *Managing for Featured, Threatened, Endangered, and Sensitive Species and Unique Habitats for Ecosystem Sustainability*. Portland, OR: USDA Forest Service, Pacific Northwest Research Station. Gen. Tech. Rep. PNW-GTR-329. 39 p.
- Maser C., B.R. Mate, J.F. Franklin and C.T. Dyrness. 1981. *Natural history of Oregon coast mammals*. Portland, OR: USDA Forest Service, Pacific Northwest Forest and Range Experiment Station. Gen. Tech. Rep: PNW-133. 496 p.
- Matlack, G.R. 1994. "Vegetation dynamics of the forest edge – trends in space and succession time. *Journal of Ecology* 82:113-123.
- McCune, B. and L. Geiser. 1997. *Macrolichens of the Pacific Northwest*. Corvallis, OR: Oregon State University Press. 386 p.
- McDade, M.H., F.J. Swanson, J.F. Franklin and J. Van Sickle. 1990. "Source distances for coarse woody debris entering small streams in western Oregon and Washington." *Can. J. For. Res.* 20:326-330.
- McFadden, J.T., and E.L. Cooper. 1962. "An ecological comparison of six populations of brown trout (*Salmo trutta*)." *Transactions of the American Fisheries Society*. 91:53-62.
- Meehan, W.R. (editor). 1991. *Influences of forest and rangeland management on salmonid fishes and their habitats*. American Fisheries Society Publication 19.
- Meehan, W.R., and M.L. Murphy. 1991. "Stream ecosystems." In: Meehan, W.R. (Ed) *Influences of Forest and Rangeland Management on salmonid fishes and their habitats*. Bethesda, MD: American Fisheries Society Special Publication 19. 751 p.
- Megahan, W.F. 1987. "Effects of forest roads on watershed function in mountain areas." A.S. Balasubramanian *et al.*, (eds). In: *Environmental Geotechnics and Problematic Soils and Rocks*. Proceedings of the Symposium, December 1985. Balkema, Rotterdam. 335-348.
- Meinzer, O.E. 1923. *Outline of ground-water hydrology, with definitions*. US Geological Survey Water-Supply Paper 494. 71 p.
- Miller, J.F., R.H. Frederick, and R.J. Tracey. 1973. *NOAA Atlas 2. Precipitation - Frequency Atlas of the Western United States*. Silver Spring, MD. USDC, NOAA, National Weather Service. Volume X - Oregon.
- Minore, D. 1968. *Effects of Artificial Flooding on Seedling Survival and Growth of Six Northwest Tree Species*. Portland, OR: USDA, Forest Service, Pacific Northwest Forest and Range Experiment Station. Res. Note PNW-92. 12 p.
- _____. 1979. *Comparative Autecological Attributes of Northwest Tree Species - A Literature Review*. USDA, Forest Service, Pacific Northwest Forest and Range Experiment Station. Res. Pap. PNW-135. 18 p.
- Minore, D., and C.E. Smith. 1971. *Occurrence and Growth of Four Northwest Tree Species Over Shallow Water Tables*. Portland, OR: USDA, Forest Service, Pacific Northwest Forest and Range Experiment Station. Res. Note PNW-160. 9 p.
- Morris, W.G. 1934. "Forest Fires in Oregon and Washington." *Oregon Historical Quarterly*. 35:313-339.
- Morrison, P.H., and F.J. Swanson. 1990. *Fire History and Pattern in a Cascade Range Landscape*. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. Gen. Tech. Rep.: PNW-GTR-254. 77 p.

- Nadkarni, N. 1984. "Biomass and Mineral Content of Epiphytes in an *Acer macrophyllum* Community of a Temperate Moist Coniferous Forest, Olympic Peninsula, Washington State". *Canadian Journal of Botany*. 62:2223-2228.
- Nehlsen, W., J.E. Williams, and J.A. Lichatowich. 1991. "Pacific salmon at the crossroads: stocks at risk from California, Oregon, Idaho, and Washington." *Fisheries*. 16(2):4-21.
- Nickelson, T.E., J.D. Rodgers, S.L. Johnson and M.F. Solazzi. 1992a. "Seasonal changes in habitat use by juvenile coho salmon (*Oncorhynchus kisutch*) in Oregon Coastal Streams." *Canadian Journal of Fisheries and Aquatic Sciences*. 49:783-789.
- Nickelson, T.E., M.F. Solazzi, S.L. Johnson and J.D. Rogers. 1992b. "Effectiveness of selected stream improvement techniques to create suitable summer and winter rearing habitat for juvenile coho salmon (*Oncorhynchus kisutch*) in Oregon coastal streams." *Canadian Journal of Fisheries and Aquatic Sciences*. 49:790-794.
- Nickelson, T.E., J.W. Nicholas, A.M. McGie, R.B. Lindsay, D.L. Bottom, R.J. Kaiser and S.E. Jacobs. 1992c. *Status of anadromous salmonids in Oregon coastal basins*. ODFW Report.
- National Marine Fisheries Service (NMFS). 1998. *A Draft Proposal Concerning Oregon Forest Practices*. Submitted to the Oregon Board of Forestry Memorandum of Agreement Advisory Committee and the Office of the Governor. 154 p.
- National Oceanic and Atmospheric Administration, National Weather Service (NOAA). 1973. *Precipitation-frequency atlas of the western United States, Volume X, Oregon*. Atlas 2, prepared by J.F. Miller, R.H. Frederick and R.J. Tracey, Silver Spring, Md: US Department of Commerce, National Weather Service. 43 plates.
- Noss, R.F, and A.Y. Cooperrider. 1994. *Saving nature's legacy*. Washington, D.C. Island Press. 416 p.
- Nussbaum, R.A., D.B. Edmund, Jr., and R.M. Storm. 1983. *Amphibians and Reptiles of the Pacific Northwest*. Moscow, ID: University of Idaho Press. 332 p.
- Olendorff, R.R., A.D. Miller, and R.N. Lehman. 1981. *Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 1981*. Raptor Research Foundation Report No. 4, Department of Veterinary Biology, University of Minnesota, St. Paul, MN.
- Oliver, C.D., and B.C. Larson. 1990. *Forest Stand Dynamics*. New York, NY: McGraw-Hill. 467 p.
- Olson, R., and W.A. Hubert, 1994. *Beaver: Water Resources and Riparian Habitat Manager*. Laramie, WY: University of Wyoming, 48 p.
- Oregon Department of Environmental Quality (ODEQ). 1988. *1988 Oregon Statewide Assessment of Nonpoint Sources of Water Pollution*. Portland, OR: Oregon Department of Environmental Quality.
- _____. 1994. *Oregon's 1994 water quality status assessment Report*. Portland, OR: Oregon Department of Environmental Quality.
- _____. 1996. *DEQ's 1994/1996 303(d) List of Water Quality Limited Waterbodies & Oregon's Criteria Used For Listing Waterbodies*. Portland, OR: Oregon Department of Environmental Quality. 59 p.
- Oregon Department of Fish and Wildlife (ODFW). 1992. *Coquille Basin Fish Management Plan (Draft - June 1992)*. Charleston, OR: Oregon Department of Fish and Wildlife.
- _____. 1995a. *Oregon coastal salmon spawning surveys 1993*. Portland, OR: Oregon Department of Fish and Wildlife. Information Reports No. 95-3.
- _____. 1995b. *Oregon Department of Fish and Wildlife biennial report*. Portland, OR: Oregon Department of Fish and Wildlife.
- _____. 1997. *Aquatic inventory project habitat benchmarks*. Corvallis, OR: Oregon Department of Fish and Wildlife.

- Oregon Forest Industries Council. 1993. *1992 Oregon Stream Monitoring Project*.
- Oregon Parks and Recreation Department (OPRD). 1988. *State Comprehensive Outdoor Recreation Plan*. Salem, OR: Oregon Parks and Recreation Department.
- Oregon State University (OSU). 1982. *Average dry-season precipitation in southwest Oregon, May through September*. Corvallis, OR: OSU Extension Service. EM 8226.
- _____. 1993. *Normal Annual Precipitation*. Corvallis, OR: Oregon Climate Service, 326 Strand Ag. Hall, OSU. 1 plate.
- Oregon Water Resources Department (OWRD). 1998. *Water Resources Information System*. Oregon Water Resources Department, Region XIX, Coquille OR.
- Orr, E.L. and W.N. Orr. 1996. *Geology of the Pacific Northwest*. McGraw Hill, N.Y. 409p.
- Pabst, R.J. and T.A. Spies. 1998. "Distribution of Herbs and Shrubs in Relation to Landform and Canopy Cover in Riparian Forests of Coastal Oregon". *Canadian Journal of Botany*. 76:298-315.
- Pacific Northwest River Basins Commission Meteorology Committee (PNWRBPMC). 1968. *Climatological Handbook, Columbia Basin States*. Vancouver, WA: Pacific Northwest River Basins Commission. Vol. III-A
- Payne, N.F. 1984. "Population dynamics of beaver in North America." *Acta Zool. Fennica* 172:263.
- Peet, R.K., and N.L. Christensen. 1987. "Competition and Tree Death." *Bioscience*. 37(6):586-595.
- Powell, M.A. 1997. "Water-quality concerns in restoration of stream habitat in the Umpqua basin". In: J.D. Hall, P.A. Bisson and R.E. Gresswell, (eds.). *Sea-run cutthroat trout: biology, management, and future conservation*. Oregon Chapter, American Fisheries Society, Corvallis. 129-130.
- Regional Ecosystem Office (REO). 1995. *Ecosystem Analysis at the Watershed Scale: Federal Guide for Watershed Analysis. Version 2.2 plus Supplements*. Portland, OR: USDA, Forest Service; USDI, BIA, BLM, PS, F&WS; USDC, NOAA; and the Environmental Protection Agency. 26 p.
- _____. 1997. Review of recession act section 2001(k) timber sales within the geographic area of the Northwest Forest Plan. REO memorandum to Regional Interagency Executive Committee (RIEC), dated April 21, 1997.
- Reiter, M.L., and R.L. Beschta. 1995. *Cumulative effects of forest practices in Oregon*. Salem OR: Oregon Dept. of Forestry. Chapter 7.
- Rhoades, F.M. 1995. "Nonvascular epiphytes in forest canopies: worldwide distribution, abundance and ecological roles". In: Lowman, M.D. and N.M. Nadkarni (eds). *Forest Canopies*. 624 p.
- Rice, R.M., J.S. Rothacher and W.F. Megahan. no date. "Erosional consequences of timber harvesting: an appraisal." In: *National symposium on watersheds in transition*. 321-329.
- Ripple, W.J. 1994. "Historic spatial patterns of old forests in Western Oregon." *Journal of Forestry*. 92:45-49.
- Robison, E.G., K. Mills, J. Paul, L. Dent and A. Skaugset. 1999. Oregon Department of Forestry: Storm Impacts and Landslides of 1996. *Oregon Department of Forestry, Forest Practices Technical Report No. 4*. 145 p.
- Rothacher, J. 1973. *Does harvest in west slope Douglas-fir increase peak flow in small forest streams?* USDA Forest Service Res. Pap. PNW-163. Portland, OR.
- Rosgen, D.L. 1996. "Applied River Morphology" Wildland Hydrology, Pagosa Springs, Co.
- Ruggiero, L.F., K.B. Aubry, S.W. Buskirk, L.J. Lyon and W.J. Zielinski (eds). 1994. *The scientific basis for conserving forest carnivores, American marten, fisher, lynx, and wolverine in the United States*. Ft. Collins, CO: USDA, Forest Service, Rocky Mountain Forest and Range Experiment Station. Gen. Tech. Rep. RM-254: 7-37.
- Sandercock, F.K. 1991. "Life history of coho salmon (*Oncorhynchus kisutch*).". In: C. Groot, and L. Margolis

- (eds). *Pacific Salmon Life Histories*. Vancouver, B.C.: UBC Press. 395-445.
- Schroeder, W.L. and G.W. Brown. 1984. "Debris torrents, precipitation and roads in two coastal Oregon watersheds." In: *Proceedings of the symposium on effects of forest land use on erosion and slope stability*. East-West Center, Honolulu, HI. 117-122.
- Seward, John. 1999. Personal communication.
- Shaffer, M.L. 1981. "Minimum population sizes for species conservation." *Bioscience* 31:131-134.
- Sidle, R.C. 1980. *Slope Stability on Forest Land: Oregon, Washington, and Idaho*. A Pacific Northwest Extension Publication.
- Smith, D.M. 1962. *The Practice of Silviculture*. New York, NY: Wiley. 578 p.
- Soderstrom, L. 1988. "The occurrence of epixylic bryophyte and lichen species in an old natural and managed forest stand in northeast Sweden." *Biological Conservation*. 45:168-178.
- Soule, M.E. (ed.). 1987. *Viable population size for conservation*. Cambridge University Press, Cambridge, U.K.
- Spence, B.C., G.A. Lomnicky, R.M. Hughes and R.P. Novitzki. 1996. *An ecosystem approach to salmonid conservation*. TR-4501-96-6057. Mantech Environmental Research Services Corp., Corvallis, OR.
- Spies, T.A., J.F. Franklin, and T.B. Thomas. 1988. "Coarse Woody Debris in Douglas-fir Forests of Western Oregon and Washington." *Ecology*. 69(6):1689-1702.
- Spies, T.A., and J.F. Franklin. 1991. "The structure of natural young, mature, and old-growth Douglas-fir forests of Oregon and Washington." Aubry, K.A., and M.H. Brookes (eds). *Wildlife and Vegetation of Unmanaged Douglas-fir Forests*. Portland, OR: USDA, Forest Service, Pacific Northwest Forest and Range Experiment Station. PNW -GTR-285:91-109.
- Strahler, A.N. 1957. "Quantitative analysis of watershed geomorphology." *Trans. Amer. Geophys. Union*. Vol. 38:913-920.
- Strauss, D., L. Bednar, and R. Mees. 1989. "Do one percent of the forest fires cause ninety-nine percent of the damage?" *Forest Science*. 35(2):319-328.
- Swanson, F.G., G.W. Lienkaemper and J.R. Sedell. 1976. *History, physical effects, and management implications of large organic debris in western Oregon streams*. USDA Forest Service Gen. Tech. Rep. PNW-56. Pacific Northwest Forest and Range Experiment Station, Portland, OR. 12p.
- Swanson, F.J., and Lienkaemper. 1978. *Physical consequences of large organic debris in Pacific Northwest streams*. Portland, OR: USDA Forest Service, Pacific Northwest Forest and Range Experiment Station. Gen. Tech. Rpt.: PNW-69. 12 p.
- Tanner, D.Q. and C.W. Anderson. 1996. *Assessment of water quality, nutrients, algal productivity, and management alternatives for low-flow conditions, South Umpqua River basin, Oregon, 1990-1992*. US Geological Survey Water-Resources Investigations Report 96-4082.
- Taylor, C.A., M.L. Warren, Jr., J.F. Fitzpatrick, Jr., H.H. Hobbs III, R.F. Jezerinac, W.L. Pflieger and H.W. Robison. 1996. "Conservation status of crayfishes of the United States and Canada." *Fisheries*. 21(4):25-38.
- Taylor, R.L., and P.W. Adams. 1986. "Red Alder Leaf Litter and Streamwater Quality in Western Oregon." *Water Resources Bulletin*. 22(4):629-635.
- Teensma, P.D.A., J.T. Rienstra, and M.A. Yeiter. 1991. *Preliminary reconstruction and analysis of change in forest stand age classes of the Oregon Coast Range from 1850 to 1940*. Portland, OR: US Department of the Interior, Bureau of Land Management. T/N OR-9.
- Tew, M.P. 1971. "The Species Composition and Adaptations of Insects in an Intermittent Stream in Western Oregon." M.S. Thesis, Oregon State University. 84 p.

- Thomas, J.W., ed. 1979. *Wildlife habitats in managed forests: the Blue Mountains of Oregon and Washington*. Washington, DC: USDA, Forest Service. Agriculture handbook 553. 512 p.
- Thomas, J.W., E.D. Forsman, J.B. Lint, E.C. Meslow, B.R. Noon and J. Verner. 1990. *A conservation strategy for the northern spotted owl*. Portland, OR: US Department of Agriculture, Forest Service; USDI, BLM, Fish and Wildlife Service, and National Park Service. 427 p.
- Thompson, K.E., A.K. Smith, and J.E. Lauman. 1972. *Fish and wildlife resources of the South Coast Basin, Oregon, and their water requirements*. Portland, OR: Oregon State Game Commission. Project F-69-R-7. 98 p.
- Tinnin, R.O. and L.A. Kirkpatrick. 1985. "The Allelopathic Influence of Broadleaf Trees and Shrubs on Seedlings of Douglas-fir". *Forest Science*. 31(4):945-952.
- Trappe, J.M., and D.L. Luoma. 1992. "The ties that bind: Fungi in ecosystems." In: G.C. Carroll and D.T. Wicklowm (eds). *The Fungal Community*. New York, NY: Marcel Dekker. 17-27.
- Ursitti, V.L. 1991. "Riparian vegetation and abundance of woody debris in streams of southwest Oregon." Oregon State University, M.S. Thesis. Corvallis, OR.
- USDA Forest Service. 1980. *An approach to water resources evaluation of non-point silvicultural sources (a procedural handbook)*. Environmental Research Lab. Office of Research and Development, US Environmental Protection Agency, Athens, GA.
- _____. 1997. Assessment of the effects of the 1996 flood on the Siuslaw National Forest. April 28, 1997.
- USDA Soil Conservation Service. 1989. *Soil Survey of Coos County, Oregon*. Eugene, OR: National Cooperative Soil Survey and Oregon Agricultural Experimental Station.
- _____. 1993. "Soil Survey Manual." Washington, D.C.: *United States Department of Agriculture, Soil Survey Division Staff, Handbook No. 18*.
- USDA and USDI. 1994. *Record of Decision for amendments to Forest Service and Bureau of Land Management planning documents within the range of the Northern Spotted Owl. And FEIS on Management of Habitat for Late-Successional and Growth Forest Related Species within the Range of the Northern Spotted Owl*. 2 Volumes. Portland, OR: US Department of Agriculture, Forest Service; US Department of Interior, Bureau of Land Management.
- _____. 1996. *Biology and interim survey protocol for the red tree Vole in Oregon, interim version 1.0*. Portland OR. 14 p.
- _____. 1998. *South Coast - Northern Klamath Late-Successional Reserve Assessment, Final Copy, May 1998*. North Bend, OR. USDA Forest Service (Mapleton Ranger District, Siuslaw National Forest); USDI BLM (Coos Bay, Roseburg and Medford Districts).
- USDI BLM, Coos Bay District. 1978. *Unit Resource Analysis, Burnt Mountain Planning Unit*. Coos Bay, OR: on file.
- _____. 1995a. *Coos Bay District Record of Decision and Resource Management Plan*. Coos Bay, OR: on file.
- _____. 1995b. *Coos Bay District Outdoor Recreation Program Plan*. Coos Bay, OR: on file.
- _____. 1996a. *Source Search Turbidity Study Report*. Coos Bay, OR: on file.
- _____. 1997a. *Oral histories of Big Creek*. Transcripts obtained and compiled by M. Jo Christensen. Coos Bay, OR: on file.
- _____. 1997b. *Reports of macroinvertebrate surveys in the Myrtlewood Resource Area*. Coos Bay, OR: on file.

- _____. 1997c. *Big Creek Watershed Analysis*. Coos Bay, OR: on file.
- _____. 1998. Plan Evaluation, Bureau of Land Management, Coos Bay District Office. North Bend, OR: on file.
- _____. 1999. *South Fork Coos Watershed Analysis*. Coos Bay, OR: on file.
- USDI BLM, Montana State Office. 1996b. *Partners against weeds: Final action plan for the Bureau of Land Management*. Billings, MT. 44 p.
- USDI BLM, Oregon State Office. 1994. *Noxious Weed Strategy for Oregon/Washington*. Portland, OR. 37 p.
- USDI Fish and Wildlife Service. 1986. *Recovery plan for the Pacific Bald Eagle*. Portland, OR: Fish and Wildlife Service. 160 p.
- Verts, B. J., and L.N. Carraway. 1998. *Land Mammals of Oregon*. University of California Press, Berkeley. 668 p.
- Wagner, David. 1998. Personal Communication.
- Wellman, R.E., J.M. Gordon, and R.L. Moffatt. 1993. *Statistical summaries of streamflow data in Oregon*. USGS Open-File Report 93-63.
- Wemple, B.C. 1994. "Hydrologic integration of forest roads with stream networks in two basins, western Cascades, Oregon." Oregon State University, M.S. Thesis. Corvallis, OR.
- Wisdom, M.J., *et al.* 1986. *A model to evaluate elk habitat in western Oregon*. Portland, OR: USDA, Forest Service, Pacific Northwest Region. Publication No. R6-F&WL-216-1986. 36 p.
- Wolniakowski, K.U. 1990. *Near Coastal Waters Pilot Project. Action Plan for Oregon Estuary and Ocean Waters*. Prepared for Oregon Department of Environmental Quality. Portland, OR.
- Wooldridge, A.H. 1971. *Pioneers and Incidents of the Upper Coquille Valley*. Myrtle Creek, OR: The Mail Printers.
- Ziemer, R.R., J.L. Lewis, and E.T. Keppeler. 1996. *Hydrologic consequences of logging second-growth redwood watersheds*. Portland, OR: USDA, Forest Service, Pacific Northwest Region. 5 p.
- Zobel, D.B., L.F. Roth and G.M. Hawk. 1985. "Ecology, Pathology and Management of Port-Orford-cedar (*Chamaecyparis lawsoniana*)." Portland, OR. USDA Forest Service, Pacific Northwest Range and Experiment Station, Gen. Tech. Report PNW-184. 161 p.