6 References

- Adam, M.D. and J.P. Hayes. 2000. "Use of bridges as night roosts by bats in the Oregon Coast Range." *Journal of Mammalogy* 81:402-407.
- Adams, M.J., C.A. Pearl, and R.B. Bury. 2003. "Indirect facilitation of an anuran invasion by non-native fishes." *Ecology Letters* 6:343-351.
- Adamus, P.R, T.J. Danielson, and A. Gonyaw. 2001. Indicators for Monitoring Biological Integrity of Inland, Freshwater Wetlands: A Survey of North American Technical Literature (1990-2000). EPA843-R-01. US Environmental Protection Agency, Washington, D.C. http://www.epa.gov/owow/wetlands/bawwg/monindicators.pdf
- Adamus, P.R. 2000. Terrestrial Vertebrate Species of the Willamette River Basin: A Species-Habitat Relationships Matrix and Spatial Modeling Approach. Report to the USEPA Environmental Research Laboratory, Corvallis, OR.
- Adamus, P.R. 2001a. Guidebook for Hydrogeomorphic (HGM)–based Assessment of Oregon Wetland and Riparian Sites. I. Willamette Valley Ecoregion, Riverine Impounding and Slope/flats Subclasses. Volume IB. Technical Report. Oregon Division of State Lands, Salem, OR. (http://oregonstate.edu/~adamusp)
- Adamus, P.R. 2001b. Guidebook for Hydrogeomorphic (HGM)–based Assessment of Oregon Wetland and Riparian Sites. Statewide Profiles and Classification. Oregon Division of State Lands, Salem, OR. (http://oregonstate.edu/~adamusp)
- Adamus, P.R. 2003b. Potential for conservation and restoration of western pond turtle habitat in the Willamette River Basin. Interagency Western Pond Turtle Working Group, c/o USDA Forest Service, McKenzie Bridge, OR. (http://oregonstate.edu/~adamusp)
- Adamus, P.R. 2003a. Distribution of Western Pond Turtle Populations in the Willamette River Basin, Oregon. Report to the Western Pond Turtle Working Group, c/o USDA Forest Service, McKenzie Bridge, OR. (http://oregonstate.edu/~adamusp)
- Adamus, P.R. and D. Field. 2001. Guidebook for Hydrogeomorphic (HGM)–based Assessment of Oregon Wetland and Riparian Sites. I. Willamette Valley Ecoregion, Riverine Impounding and Slope/flats Subclasses. Volume IA. Assessment Methods. Oregon Division of State Lands, Salem, OR. (http://oregonstate.edu/~adamusp)
- Adamus, P.R. and K. Brandt. 1990. Impacts on Quality of Inland Wetlands of the United States: A Survey of Indicators, Techniques, and Applications of Community Level Biomonitoring Data. EPA/600/3-90/073. USEPA Environmental Research Lab, Corvallis, Oregon. 406 pp. http://www.epa.gov/owow/wetlands/wqual/introweb.html
- Adamus, P.R., J.P., Baker, D. White, M. Santelmann, and P. Haggerty. 2000. Terrestrial vertebrate species of the Willamette River Basin. Internal Report. U.S. Environmental Protection Agency, Corvallis, OR. http://www.fsl.orst.edu/pnwerc/wrb/access.html
- Adamus, P.R., K. Larsen, G. Gillson, and C. Miller. 2001. Oregon Breeding Bird Atlas. Oregon Field Ornithologists, Eugene, OR. http://thebirdguide.com/atlas/atlas.htm.

- Allan, S., A. R. Buckley, and J. E. Meacham. 2001. Atlas of Oregon. Second Edition. William J. Loy (editor). University of Oregon, Eugene, OR.
- Allen, T. F. H., and T. W. Hoekstra. 1992. *Toward a Unified Ecology*. Columbia University Press, New York, NY.
- Altman, B. 2003a. Horned lark. Pp. 425-238 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Altman, B. 2003b. Vesper sparrow. Pp. 542-545 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Altman, B. 2003c. Western meadowlark. Pp. 580-582 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Altman, B. 2003c. Western meadowlark. Pp. 580-582 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Altman, B. 2003d. Willow flycatcher. Pp. 378-381 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Altman, B. and R. Sallabanks. 2000. Olive-sided Flycatcher. The Birds of North America. Vol. 13, No. 502: American Orinithologists' Union. The Academy of Natural Sciences of Philadelphia.
- Altman, B., M. Hayes, S. Janes, and R. Forbes. 2001. Wildlife of westside grassland and chaparral habitats. Pp. 261-291 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- Altman, Bob, Colleen M. Henson, and Ian R. Waite. 1997. Summary of Information on Aquatic Biota and Their Habitats in the Willamette Basin, Oregon, through 1995. By Bob
 Altman, Avifauna Northwest; Colleen M. Henson, U.S. Fish and Wildlife Service; and Ian R. Waite, U.S. Geological Survey. U.S. Geological Survey, Water-Resources
 Investigations Report 97–4023. Prepared in cooperation with the U.S. Fish and Wildlife Service as part of the National Water-Quality Assessment Program.
- Altman, R. 1999. Conservation strategy for landbirds in coniferous forests of western Oregon and Washington. American Bird Conservancy report to Oregon-Washington Partners In Flight.
- Altman, R. 2000. Conservation strategy for landbirds in lowlands and valleys of Western Oregon and Washington. American Bird Conservancy report to Oregon-Washington Partners in Flight.

- Andrus, C. W. and J. Walsh. 2002. Aquatic and riparian assessment for the Eugene-Springfield area. WaterWork Consulting and Upstream Connection. Prepared for the Eugene-Springfield Metropolitan Endangered Species Act Coordinating Team (MECT). 209 p.
- Anthony, R. G., R. L. Knight, G. T. Allen, B. R. McClelland, and J. L. Hodges. 1982. "Habitat use by nesting and roosting bald eagles in the Pacific Northwest." *Transactions of the North American Wildlife and Natural Resource Conference* 47:332-342.
- Arnett, E. and J.P. Hayes. 2002. Influence of landscape characteristics on abundance and use of habitat by bat communities in the central Oregon Cascades. Cooperative Forest Ecosystem Research Program (CFER) annual report. Corvallis, OR. 51-53 pp.
- Aubrey, K. B., and P. A. Hall. 1991. Terrestrial amphibian communities in the southern Washington Cascade Range. In (Aubrey, K. B., M. H. Brooks, J. K. Agee, R. G. Anthony, J. F. Franklin, B. R. Noon, M. G. Raphael, R. M. Storm, and J. Verner, (eds.). Wildlife and vegetation of unmanaged Douglas-fir forests. Portland, OR: USDA, Forest Service, Gen. Tech. Rep. PNW-GTR-285: 327-338.
- Aubry, K.B., M.J. Crites, and S.D. West. 1991. Regional patterns of small mammal abundance and community composition of Oregon and Washington. Pp. 285-294 In (L.F. Ruggiero, K.B. Aubry, A.B. Carey, and M.H. Huff (tech. coords.). Wildlife and vegetation of unmanaged Douglas-fir forests. USDA For. Serv. Gen. Tech. Rep. PNW-285. Portland, OR.
- Azous, A.L. and R.R. Horner (eds). 2001. Wetlands and Urbanization: Implications for the Future. Lewis Publishers, New York, NY.
- Azuma, D., K. Birch, P. DelZotto, A. Herstrom, and G. Lettman. 1999. Land use change on nonfederal land in western Oregon, 1973-1994. Oregon Department of Forestry, Salem, OR.
- Baker, J., S Gregory, P. Haggerty, P. Bayley, J. Van Sickle, A. Herlihy, L. Ashkenas, and J. Li. 2002. Aquatic Life. In Pacific Northwest Ecosystem Research Consortium Willamette River Basin Planning Atlas: Trajectories of Environmental and Ecological Change. Version 2.0. Edited by D. Hulse, S. Gregory, and J. Baker. Oregon State University Press, Corvallis, OR. 118-123 pp.
- Baker, J.P., D.W. Hulse, S.V. Gregory, D. White, J. Van Sickle, P.A. Berger, D. Dole, and N.H Schumaker. 2004. Alternative futures for the Willamette River Basin. Ecological Applications 14(2):313-325.
- Barin, L. T. 1886. "Salmon in the Clackamas River." *Bulletin of the U. S. Fish Commissioner* 8:111–112.
- Bastasch, R. 1998. Waters of Oregon: A Source Book on Oregon's Water and Water Management. Oregon State University Press, Corvallis, OR.
- Bayley, P.B. and C. F. Baker. 2000. Floodplain restoration in off-channel habitats used for gravel mining in the Willamette River Basin: Fish population observations in Endicott and Truax ponds. Report to Willamette Gravel Group, Oregon Department of Fish and Wildlife. Oregon State University, Corvallis, OR.

- Bayley, P. B. 1991. "The flood pulse advantage and the restoration of river-floodplain systems." *Regulated Rivers: Research and Management* 6:75-86.
- Beamish, R. J., G. A. Noakes, G. A. McFarlane, L. Klyashtorin, V. V. Ivanov, and V. Kurashov. 1999. "The Regime Concept and Natural Trends in the Production of Pacific Salmon." *Canadian Journal of Fisheries and Aquatic Sciences* 56:516-526.
- Beechie, T., and S. Bolton. 1999. "An Approach to Restoring Salmonid Habitat-Forming Processes in Pacific Northwest Watersheds." *Fisheries* 24(4):6-15.
- Beechie, T. J., and T. H. Sibley. 1997. "Relationships between channel characteristics, woody debris, and fish habitat in Northwestern Washington streams." *Transactions of the American Fisheries Society* 126:217-229.
- Beer, W. N., and J. J. Anderson. 2001. "Effect of spawning day and temperature on salmon emergence: interpretations of a growth model for Methow River chinook." *Canadian Journal of Fisheries and Aquatic Sciences* 58:943-949.
- Belden, L. K., and A. R. Blaustein. 2002." Exposure of red-legged frog embryos to ambient UV-B radiation in the field negatively affects larval growth and development." *Oecologia* 130:551-554.
- Benner and Sedell. 1997. "Upper Willamette River Landscape: A Historic Perspective." In *River Quality: Dynamics and Restoration*. Antonius Laenen and David A. Dunnette, Editors. Lewis Publishers, Boca Raton—New York.
- Benner, P. 1997. *Willamette River Landscape History*. Oregon State University, 1997. Corvallis, OR.
- Bennett, D. E. 1994. *The 1993 Willamette River Spring Chinook Salmon Run, Fisheries, and Passage at Willamette Falls*. Oregon Department of Fish and Wildlife, Clackamas, OR.
- Berger, P. and J. Bolte. 2004. "Evaluating the impact of policy options on agricultural landscapes: an alternative-futures approach." *Ecological Applications* 14:342-354.
- Bernert, J.A., J.M. Eilers, B.J. Eilers, E. Blok, S.G. Daggett, and K.F. Bierly. 1999. "Recent wetlands trends (1981/82 – 1994) in the Willamette Valley, Oregon, USA." Wetlands 19:545-559.
- Beschta, R. L. 1996. "Restoration of Riparian and Aquatic System for Improved Aquatic Habitats in the Upper Columbia River Basin.: In *Pacific Salmon and their Ecosystems: Status and Future Options*. (D.J. Stouder, P.A. Bisson, and R.J. Naiman (editors). Chapman and Hall, New York. 475-491 pp.
- Bilby, R. E., and J. W. Ward. 1998. "Characteristics and function of large woody debris in streams draining old-growth, clear-cut and second-growth forests in southwestern Washington." *Canadian Journal of Fisheries and Aquatic Sciences* 48:2499-2508.
- Bisbal, G. A., and W. E. McConnaha. 1998. "The Influence of Ocean Conditions on the Management of Pacific Salmon." *Canadian Journal of Fisheries and Aquatic Sciences* 55(9):2178-2186.

- Bishop, E. M. 2003. *In Search of Ancient Oregon: A Geological and Natural History*. Timber Press, Portland, Cambridge.
- Bisson, P. A., G.H. Reeves, R. E. Bilby, and R. J. Naiman. 1997. "Watershed Management and Pacific Salmon: Desired Future Conditions." Pp. 447-474 in (D. J. Stouder, P. A. Bisson, and R. J. Naiman (editors). *Pacific Salmon and Their Ecosystems: Status and Future Options*. Chapman & Hall. 685 pp.
- Biswell, B., M. Blow, L. Finley, S. Madsen, and K. Schmidt. 2000. Survey protocol for the red tree vole. USDI Bureau of Land Management, Portland, OR.
- Blaustein, A.R., D.G. Hokit, R.K. O'Hara, and R.A. Holt. 1994. "Pathogenic fungus contributes to amphibian losses in the Pacific Northwest." *Biological Conservation* 67:251-254.
- 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." Pacific Northwest Research Station, U.S. Forest Service General Technical Report PNW-GTR-337, Portland, OR.
- Blaustein, A.R., J.M. Kiesecker, D.P. Chivers, D. G. Hokit, A. Marco, L.K. Belden and A. Hatch. 1998. "Effects of ultraviolet radiation on amphibians: field experiments." *American Zoologist* 38: 799-812.
- Blaustein, A.R., P.D. Hoffman, D.G. Hokit, J.M. Kiesecker, S.C. Walls, and J.B. Hays. 1994. "UV repair and resistance to solar UV-B in amphibian eggs: A link to population declines?" Proceedings *National Academy of Sciences* 9:1791-1795.
- BLME (Bureau of Land Management, Eugene District). 1995. Row River Watershed Analysis. Bureau of Land Management, Eugene District, OR.
- BLMR (Bureau of Land Management. Roseburg District). Roseburg, OR BLM website: http://www.or.blm.gov/roseburg/ROD_RMP/roseburg/aquastrategy.html.
- BLMS (Bureau of Land Management, Salem District). 1998. Little North Santiam River Watershed Analysis. Bureau of Land Management, Salem District, OR.
- Bolton, S., and J. Shellberg. 2001. Ecological issues in floodplains and riparian corridors. University of Washington Center for Streamside Studies, Seattle, WA.
- Bond, C.E. and J.J. Long. 1984. Status of the Oregon chub, Hybopsis crameri.
- Booth, D. B. 1991. "Urbanization and the natural drainage system--Impacts, solutions and prognoses." Northwest Environmental Journal 7:93-118.
- Bottom, D. 1997. "To Till the Water: A History of Ideas in Fisheries Conservation." Pp. 569-597 in (D. J. Stouder, P.A. Bisson, and R.J. Naiman (editors). Pacific Salmon and Wildlife: Ecological Contexts, Relationships and Implications for Management. Special Edition Technical Report, Washington Department of Fish and Wildlife, Olympia, WA.
- BPA (Bonneville Power Administration). 1985. Wildlife and wildlife habitat loss assessment summary at federal hydroelectric facilities in the Willamette River basin. U.S. Department of Energy, Bonneville Power Administration, Portland, OR. 34 pp.

- Bradford, C.S., C. B. Schreck, L. E. David, C. H. Slater, M. T. Beck, and S.K. Ewing. 1990.
 Migratory characteristics of spring Chinook salmon in the Willamette River. In Annual Report to the Bonneville Power Administration. Bonneville Power Administration.
 Portland, OR.
- Briggs, J. L. 1987. "Breeding biology of the Cascade frog, Rana cascadae, with comparisons to R. aurora and R. pretiosa." Copeia 1987:241-245.
- Briggs, J.L. and R.M. Storm. 1970. "Growth and population structure of the Cascade frog Rana cascadae." Herpetologica 26(3):283-300.
- Brooks, J.P. 1997. Bird-habitat relationships at multiple spatial resolutions in the Oregon Coast Range. M.S. thesis, Oregon State University, Corvallis, OR.
- Bruner, H. 1997. Habitat use and productivity of harlequin ducks in the central Cascade Range of Oregon. M.S. thesis, Oregon State University, Corvallis, OR.
- Buchanan, D. V., and A. R. Hemmingsen. 1995. Native trout project. Annual Progress Report, Fish Research Project, Oregon. Project No. F-136-R-08, Job No. 4. Oregon Department of Fish and Wildlife, Portland, OR.
- Buchanan, D. V., M. G. Wade, and D. L. Higley. 1993. Restoration of the native winter steelhead run on the South Santiam River above Foster Dam. Completion Report. Fish Research Project, OR. Oregon Department of Fish and Wildlife, Portland, OR.
- Buchanan, D. V., R. M. Hooton, M. G. Wade, and J. E. McCrae. 1979. Willamette River steelhead. Annual report. Oregon Department of Fish and Wildlife.
- Buchanan, D. V. and S. V. Gregory. 1997. Development of water temperature standards to protect and restore habitat for bull trout and other cold water species in Oregon. Proceedings of the friends of the Bull
- Trout Conference. Calgary, Alberta.
- Bull, E. 2003. Vaux's swift. Pp. 336-338 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Bull, E. L., and A. K. Blumton. 1999. Effect of fuels reduction on American marten and their prey. Research note, PNW-RN-539. Portland, Oregon: USDA Forest Service, Pacific Northwest Research Station.
- Bull, E. L., and J. E. Hohmann. 1993. "The association between Vaux's swifts and old- growth forests in northeastern Oregon." *Western Birds* 24:38-42.
- Bull, E.L. and B.C. Wales. 2001. "Effects of disturbance on amphibians of conservation concern in Eastern Oregon and Washington." *Northwest-Science* 75:174-179.
- Bull, E.L., and R. C. Beckwith. 1993. "Diet and foraging behavior of Vaux's swifts in northeastern Oregon." *Condor* 95: 1016-1023.
- Bury, R. B. 1983. "Differences in amphibian populations in logged and old-growth redwood forest." *Northwest. Science* 57:167-178.

- Busby, P. J., T.C. Wainwright, G.J. Bryant, et al. 1996. Status review of West Coast steelhead from Washington, Idaho, Oregon, and California. NOAA Tech. Memo. NMFS-NWFSC-27. National Marine Fisheries Service, Seattle, Washington. 261 pp.
- California Native Plant Society. 1998. Ecology, Conservation, and Management of Vernal Pool Ecosystems - Proceedings from a 1996 Conference.
- California Partners in Flight. 2002. The oak woodland bird conservation plan: a strategy for protecting and managing oak woodland habitats and associated birds in California. Version 2.0. (S. Zack, lead author). Point Reyes Bird Observatory, Stinson Beach, CA. http://www.prbo.org/calpif/plans.
- Campbell, B.H. 2004. Restoring rare native habitats in the Willamette Valley: A landowner's guide for restoring oak woodlands, wetlands, prairies, and bottomland hardwood and riparian forests. Defenders of Wildlife, West Linn, OR. http://www.biodiversitypartners.org/pubs/Campbell/01.shtml
- Caplow, F. 2003. The Reintroduction Planning Process for Golden Paintbrush, a Threatened Prairie Species of the Puget Lowlands and Willamette Valley. P. 8 in Proceedings of a Conference on Native Plant Restoration and Management on Public Lands in the Pacific Northwest: Rare Plants, Invasive Species and Ecosystem Management (Kaye, T.N., M. Gisler, and R. Fiegener, eds.). Institute for Applied Ecology, Corvallis, OR.
- Caplow, F. 2001. Draft reintroduction plan for *Castilleja levisecta* (golden paintbrush). Washington Natural Heritage Program, Department of Natural Resources, Olympia, WA. http://www.dnr.wa.gov/nhp/refdesk/pubs/cale_reintro.pdf
- Carey, A. B., and M. L. Johnson. 1995. "Small mammals in managed, naturally young, and oldgrowth forests." *Ecological Applications* 5:336-352.
- Carey, A. B., M. M. Hardt, S. P. Horton, and B. L. Biswell. 1991. Spring bird communities in the Oregon Coast Range. Pp. 123-142 in Wildlife and vegetation of unmanaged Douglas-fir forests (L. F. Ruggiero, K. B. Aubry, A. B. Carey, and M. H. Huff, tech. coords.). U.S. Dept. Agric., For Serv. Gen. Tech. Rep. PNW-GTR-285. Portland, OR.
- Carey, A. B., S. P. Horton, and B. L. Biswell. 1992. "Northern Spotted Owls: influence of prey base and landscape character." *Ecol. Monogr.* 62: 223-250.
- Carey, A.B. 1996. "Interactions of Northwest forest canopies and arboreal mammals." *Northwest Science* 70:72-78.
- Carey, A.B. 2001. Biotic integrity. Pp. 206-207 in D. Johnson and T. O'Neil.
- Cedarholm, C.J., D.H. Johnson, R. E. Bilby, L.G. Dominguez, A.M. Garrett, W. H. Graeber,
 E.L. Greda, M.D. Kunze, B.G. Marcot, J.F. Palmisano, R.W. Plotnikoff, W.G. Pearcy,
 C.A. Simenstad, and P.C. Trotter. 2001. Pacific salmon and wildlife: ecological contexts,
 relationships, and implications for management. Pp. 628-685 in Wildlife-Habitat
 Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.).
 Oregon State University Press, Corvallis, OR.
- Cederholm, C. J., D. H. Johnson, R. E. Bilby, L. G. Dominguez, A. M. Garrett, W. H. Graeber, M. D. Kunze, B. J. Marcot, J. F. Palmisano, R. W. Plotnikoff, W. G. Pearcy, C. A.

Simenstad, and P. C. Trotter. 2000. *Pacific Salmon and Wildlife: Ecological Contexts, Relationships, and Implications for Management.* Special Edition Technical Report, Washington Department of Fish and Wildlife. Olympia, WA.

- Cederholm, C. J., M. D. Kunze, T. Murota, and A. Sibatani. 1999. "Pacific Salmon Carcasses: Essential Contributions of Nutrients and Energy for Aquatic and Terrestrial Ecosystems." *Fisheries* 24(10):6-15.
- CH2M Hill. 1991. Studies of *Sidalcea nelsoniana* 1991. Prepared for City of McMinnville Water and Light Department.
- Chambers, C. L., and W. C. McComb. 1997. "Effects of silvicultural treatments on wintering bird communities in the Oregon Coast Range." *Northwest Science* 71: 298-304.
- Chambers, C. L., T. Carrigan, T. E. Sabin, J. Tappeiner, and W. C. McComb. 1997. "Use of artificially created Douglas-fir snags by cavity-nesting birds." West. J. Appl. Forestry 12: 93-97.
- Chambers, C. L., W. C. McComb, and J. C. Tappeiner II. 1999. "Breeding bird response to three silvicultural treatments in the Oregon Coast Range." *Ecological Applications* 9: 171-185.
- Chilcote, M. W. 1998. Conservation status of steelhead in Oregon. Oregon Department of Fish and Wildlife, Information Reports Number 98-3, Portland, OR.
- Chilcote, M. W. 2001. Conservation assessment of steelhead populations in Oregon. Oregon Department of Fish and Wildlife, Portland, OR. March 5. 83 p.
- Chilcote, M. W. 1997. Conservation status of steelhead in Oregon. Draft report, August 1997. Oregon Department of Fish and Wildlife. Portland, OR. 109 p.
- Christensen, N. C., A. M. Bartuska, J. H. Brown, S. Carpenter, C. D'Antonio, R. Francis, J. F. Franklin, J. A. MacMahon, R. F. Noss, D. J. Parsons, C. H. Peterson, M. G. Turner, and R. G. Woodmansee. 1996. "The Report of the Ecological Society of America Committee on the Scientific Basis for Ecosystem Management." *Ecological Applications* 6(3):665-691.
- Christy, J.A. 2004. Native freshwater wetland plant associations of northwestern Oregon. Oregon Natural Heritage Information Center, Oregon State University, Corvallis.
- City of Eugene. 2003. Draft Inventory of Goal 5 Riparian and Upland Wildlife Habitat Sites within the Eugene Urban Growth Boundary. Planning and Development Dept., Eugene, OR.
- City of Portland Bureau of Environmental Services. 2001. Johnson Creek Restoration Plan.
- City of Portland Bureau of Environmental Services. 2004. Willamette Watershed Characterization – Hydrology and Infrastructure.
- City of Portland. 2004. *Framework for Integrated Management of Watershed Health* (Draft). City of Portland Planning Division, Portland, OR.

- Clark, D.L. and M.V. Wilson. 2001. "Fire, mowing, and hand-removal of woody species in restoring a native wetland prairie in the Willamette Valley of Oregon." *Wetlands* 21:135-144.
- Clark, D.L., C.A. Ingersoll, and K.K. Finley. 1997. Regeneration of *Erigeron decumbens* var. *decumbens* (Asteraceae), the Willamette daisy. In (Kaye, T.N., A. Liston, R.M. Love, D. Luoma, R.J. Meinke, and M.V. Wilson (editors). Conservation and management of native plants and fungi. Pp. 41-47. Native Plant Society of Oregon, Corvallis, OR.

Clean Water Services. 2004 Healthy Stream Plans. http://www.cleanwaterservices.org.

- Cole, C.A., R.P. Brooks, P.W. Shaffer, and M.E. Kentula. 2002. "Comparison of hydrology of wetlands in Pennsylvania and Oregon (USA) as an indicator of transferability of hydrogeomorphic (HGM) functional models between regions." *Environmental-Management* 30:265-278.
- Columbia Basin Consultants. June 2000. *Columbia Basin Socio-Economic Assessment*. Prepared for Oregon Economic and Community Development Department, Idaho Rural Partnership, Montana Department of Commerce, and the Washington Department of Community, Trade, and Economic Development. Technical Appendix C. Table 1. Population Indicators.
- Colvin, Randy. 2004. Personal Communication. Oregon State University.
- Confederate Tribes of the Grande Ronde. 2004b. Map viewed online at http://www.grandronde.org/cultural/maps/langandtribes1840-1850.pdf. Produced by the Confederated Tribes of Grand Ronde Cultural Resource GIS. Digitized from R.L. Benson 1973.
- Confederated Tribes of the Grande Ronde. 2004a. *Cultural Resources: Tribal History*. Viewed online at http://www.grandronde.org/cultural/history.htm on March 27, 2004.
- Connolly, P. J., M. G. Wade, J. M. Hutchison, and J. S. Ziller. 1992. Long Tom Subbasin Fish Management Plan. Oregon Department of Fish and Wildlife, Portland, OR.
- Corkran, C. C., and C. Thoms. 1996. Amphibians of Oregon, Washington and British Columbia. Lone Pine Publishing, Edmonton, Alberta. 175 pp.
- Corn, P. S., and R. B. Bury. 1986. "Habitat use and terrestrial activity by red tree voles in Oregon." *J. Mamm.* 67:404-406.
- Coutant, C. C. 1999. Perspectives on temperature in the Pacific Northwest's fresh waters. Environmental Services Division Report No. 4849:ORNL/TM-1999/44, Oak Ridge National Laboratory, Oak Ridge, TN.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Fish and Wildlife Service, Office of Biological Services, Biological Services Program FWS/OBS-79/31.
- Craig, J. A. and L. D. Townsend. 1946. "An investigation of fish-maintenance problems in relation to the Willamette Valley Project." U.S. Fish and Wildlife. Special Scientific Report 33:74.

- Craig, J. A., and A. J. Suomela. 1940. "A survey of the Sandy River and its tributaries, 1940, with reference to fish management." U.S. Fish and Wildlife Special Scientific Report 14:20.
- Cramer, D. P., and S. P. Cramer. 1994. Status and population dynamics of Coho salmon in the Clackamas River. Portland General Electric Company, Portland, OR.
- Cramer, S.P., C.F. Willis, D. Cramer, M. Smith, T. Downey, and R. Montagne. 1996. Status of Willamette River spring Chinook salmon in regards to the federal Endangered Species Act, Part 2. Prepared by S.P. Cramer and Associates, Inc. for Portland General Electric Company, Portland, and Eugene Water and Electric Board, Eugene, OR.
- Crawford, B. 1998. Letter from Bruce Crawford (Assistant Director, Fish Program, WDFW) to Robin Waples (Conservation Biology Division, NMFS). 3 pages plus enclosures. Barin, L. T. 1886. Salmon in the Clackamas River. Bulletin of the U. S. Fish Commissioner 8:111–112.
- Cummins, K. W., G. W. Minshall, J. R. Sedell, C. E. Cushing, and R. C. Petersen. 1984. "Stream Ecosystem Theory." *Internationale Vereinigung fur theoretische und angewandte Limnologie, Verhandlungen* 22:1818-1827.
- D'Amore, D.V., S.R. Stewart, J.H. Huddleston, and J.R. Glasmann. 2000. "Stratigraphy and hydrology of the Jackson-Frazier wetland, Oregon." *Soil Science Soc. Am. J.* 54:1535-1543.
- Daggett, S., M. Boule, J. A. Bernert, J. M. Eilers, E. Blok, D. Peters, and J.C. Morlan. 1998.Wetland and Land Use Change in the Willamette Valley, Oregon: 1982 to 1994. Volume 1: Final Report. Published by Oregon Division of State Lands. December 1998.
- Dale, V. H., S. Brown, R. A. Haeuber, N. T. Hobbs, N. Huntly, R. J. Naiman, W. E. Riebsame, M. G. Turner, and T. J. Valone. 2000. "Ecological Principles and Guidelines for Managing the Use of Land." *Ecological Applications* 10(3):639-670.
- Dauble, D. D., T. P. Hanrahan, and D. R. Geist. 2003. "Impacts of the Columbia River hydroelectric system on main-stem habitat of fall chinook salmon." *North American Journal of Fisheries Management* 23:641-659.
- Davidson, C., H. B. Shaffer, and M. R. Jennings. 2002. "Spatial tests of the pesticide drift, habitat destruction, UV-B, and climate-change hypotheses for California amphibian declines." *Conservation Biology* 16:1588-1601
- Davis, B. and R. Miller. 1967. "Brain patterns in minnows of the genus *Hybopsis* in relation to feeding habits and habitat." *Copeia* 1967:1-39.
- Delcourt, H. R., P. A. Delcourt, and T. Webb. 1983. "Dynamic Plant Ecology: The Spectrum of Vegetational Change in Space and Time." *Quaternary Science Review* 1:153-175.
- Dellasala, D. A., C. L. Thomas, and R. G. Anthony. 1989. "Use of domestic sheep carried by bald eagles wintering in the Willamette Valley, Oregon." *Northwest Science* 63: 104-108.
- Dimick, R. E., and F. Merryfield. 1945. The fishes of the Willamette River system in relation to pollution. Engineering Experiment Station, Oregon St. College, Corvallis, OR. 58 p.

- Dobkin, D. S., R. D. Gettinger, and M. G. Gerdes. 1995. "Springtime movements, roost use, and foraging activity of Townsend's big-eared bat in central Oregon." *Great Basin Naturalist* 55:315-321.
- Doerge, K. F. 1978. Aspects of the geographic ecology of the acorn woodpecker (*Melanerpes formicivorus*). M.S. thesis, Oregon State University. Corvallis, OR.
- Dole, D. and E. Niemi. 2004. "Future water allocation and in-stream values in the Willamette River Basin: a basin-wide analysis." *Ecological Applications* 14:355-367.
- Dykaar, B.B. and P.J. Wigington. 2000. "Floodplain formation and cottonwood colonization patterns on the Willamette River, Oregon, USA." Environmental Management 25(1): 87-104.
- E&S (E&S Environmental Chemistry, Inc.). 2002. North Santiam watershed assessment. Corvallis, OR. June.
- E&S (E&S Environmental Chemistry, Inc.). 2000. South Santiam Watershed Assessment. Final Report. South Santiam Watershed Council and E&S Environmental Chemistry, Inc., Corvallis, OR. January.
- EA Engineering, Science, and Technology (EA). 1991. Evaluation of riparian vegetation along the lower McKenzie River, Lane County, Oregon. Report prepared for Eugene Water and Electric Board. 22 pp.
- EA Engineering, Science, and Technology (EA). 1991. The fluvial geomorphology of the lower McKenzie River. Report prepared for Eugene Water and Electric Board. 12 pp.
- Earth Design Consultants, Inc. 2004. Luckiamute/Ash Creek/American Bottom Watershed Assessment. Draft December 2003.
- Ecosystems Northwest. 1999. Marys River Watershed Preliminary Assessment. Prepared for The Marys River Watershed Council, Philomath, OR. April.
- Ecosystems Northwest. 2001. Rickreall Watershed Assessment, Fish Data, and Action Plan. Prepared for the Rickreall Watershed Council. Rickreall, OR. December.
- Ecovista Ecological Research and Planning 2004. Imnaha Subbassin Assessment, www.ecovista.ws - /project_files/Imnaha/Drafts/Tuesday, May 11, 2004.
- Edge, W.D. 2001. Wildlife of agriculture, pastures, and mixed environs. Pp. 342-360 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- Elliott, J.E., M.M. Machmer, L.K. Wilson, and C.J. Henny. 2000. "Contaminants in ospreys from the Pacific Northwest: II. Organochlorine pesticides, polychlorinated biphenyls, and mercury 1991-1997." Archives of Environmental Contamination and Toxicology 38: 93-106.
- English, S.M. 1978. Distribution and ecology of great blue heron colonies on the Willamette River, Oregon. In Wading Birds (A. Sprunt IV, J. Ogden, and S. Winckler, eds). Natl. Audubon Soc. Res. Rep. 7.

Environmental Protection Agency (EPA). http://www.epa.gov/ecoplaces/part1/site20.html.

- Evans, D.E., W.P. Ritchie, S.K. Nelson, E. Kuo-Harrison, P. Harrison, and T.E. Hamer. 2000. Methods for surveying Marbled Murrelets in forests: an update to the protocol for land management and research.
- Farr, R. A. and D. L. Ward. 1993. "Fishes of the Lower Willamette River, Near Portland, Oregon." *Northwest Science* 67 (1): 16-22.
- Ferguson, H.L., K. Robinette, and K. Stenberg. 2001. Wildlife of urban habitats. Pp. 317-341 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- Fernald, A., D. Landers, and P.J. Wigington, Jr. 2000. "Water Quality Effects of Hyporheic Processing in a Large River." Proceedings of the International Conference on Riparian Ecology and Management in Multi-Land Use Watersheds. American Water Resources Association. ISBN # 1-882132-51-3 TPS 00-2. August.
- Fernauld, A. G., Wigington, P. J., and D.H. Landers. 2001. "Transient storage and hyporheic flow along the Willamette River, Oregon: Field measurements and model estimates." *Water Resources Research* 37: 1681-1694.
- Field, J.A., R.L. Reed, T.E. Sawyer, S.M. Griffith, and P.J. Wigington, Jr. 2003. "Diuron occurrence and distribution in soil and surface and ground water associated with grass seed production." *J. Envir. Qual.* 32:171-179.
- Finley, K.K. 1994. Hydrology and related soil features of three Willamette Valley wet prairies. M.S. Thesis, Oregon State University. Corvallis, OR.
- Finney, B. P. 2000. "Impacts of climatic change and fishing on Pacific salmon abundance over the past 300 years." *Science*. 290: 795-798.
- Firman, J., R. K. Schroeder, K. R. Kenaston, and R. B. Lindsay. 2002. Work completed for compliance with the Biological Opinion for hatchery programs in the Willamette basin, USACE funding: 2002. Task Order: NWP-OP-FH-02-01. Oregon Department of Fish and Wildlife, Corvallis. December. 28 pp.
- Fishman Environmental Services. 2001. Eastbank Riverfront (Phase I) Floating Walkway Fish Predation Study. Prepared for the Portland Development Commission.
- Fite, K.V., A. Blaustein, L. Bengston, and H. E. Hewitt. 1998. "Evidence of retinal light damage in Rana cascadae: a declining amphibian species." *Copeia* 1998:906-914.
- Floberg, J., M. Goering, G. Wilhere, C. MacDonald, C. Chappell, C. Rumsey, Z. Ferdana, A. Holt, P. Skidmore, T. Horsman, E. Alverson, C. Tanner, M. Bryer, P. Iachetti, A. Harcombe, B. McDonald, T.
- Cook, M. Summers, D. Rolph. 2004. Willamette Valley-Puget Trough-Georgia Basin Ecoregional Assessment, Volume One: Report. Prepared by The Nature Conservancy with support from The Nature Conservancy of Canada, Washington Department of Fish and Wildlife, Washington Department of Natural Resources (Natural Heritage and

Nearshore Habitat programs), Oregon State Natural Heritage Information Center and the British Columbia Conservation Data Centre.

- Forsman, E. 2003. Spotted owl. Pp. 319-320 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Forsman, E. D., E. C. Meslow, and H. M Wight. 1984. "Distribution and biology of the Spotted Owl in Oregon." *Wildlife Monog.* 87.
- Forsman, E.D., Anthony, RG, Reid, JA, Loschl, PJ, Sovern, SG, Taylor, M, Biswell, BL, Ellingson, A, Meslow, EC, Miller, GS, Swindle, KA, Thrailkill, JA, Wagner, FF, Seaman, DE. 2002. Wildlife-Monographs.
- Francis, R.C. and N. J. Mantua. 2003. Climatic influences on salmon populations in the Northeast Pacific. *In* Assessing Extinction Risk for West Coast Salmon, Proceedings of a workshop November 13-15, 1996 in Seattle, WA. NOAA Technical Memorandum NMFS-NWFSC-56.
- Franklin, A. B., K. P. Burnham, G. C. White, R. G. Anthony, E. D. Forsman, C. Schwarz, J. D. Nichols, and J. Hines. 1999. Range-wide status and trends in Northern Spotted Owl populations. Unpublished reports, Colorado Coop. Fish and Wildlife Res. Unit, Colorado State Univ., Fort Collins, CO.
- Frenkel, R.E., S.N. Wickramaratne, and E.F. Heintz. 1985. "Vegetation and land cover change in the Willamette River Greenway in Benton and Linn Counties, Oregon, 1972-1981." *Yearbook of the Association of Pacific Coast Geographers* 46:63-77.
- Friesen, T. A., H. K. Takata, J. S. Vile, J. C. Graham, R. A. Farr, M. J. Reesman, and B. S. Cunningham. 2002. Relationships between bank treatment/nearshore development and anadromous/resident fish in the lower Willamette River. Annual Report 2001-2002, Oregon Department of Fish and Wildlife, Clackamas, OR.
- Frissell, W. J., W. J. Liss, C. E. Warren, and M. D. Hurley. 1986. "A Hierarchical Framework for Stream Habitat Classification: Viewing Streams in a Watershed Context." Environmental Management 10(2):199-214.
- Fulton, L. A. 1968. "Spawning areas and abundance of chinook salmon, Oncorhynchus tshawytscha, in the Columbia River basin – past and present." U.S. Fish and Wildlife Service Special Scientific Rep. Fish. 571:26.
- Fulton, L. A. 1970. Spawning Areas and Abundance of Steelhead Trout and Coho, Sockeye, and Chum Salmon in the Columbia River Basin: Past and Present. NOAA Tech. Rep. NMFS-SSRF 618, 37 p.
- Gabriel, J. T. 1993. A modified synoptic analysis of the status of Oregon's Willamette Valley wetlands. M. S. Thesis. Oregon State University, Corvallis, OR.
- Galat, D.L., L.H. Fredrickson, D.D. Humburg, K.J. Bataille, J.R. Bodie, J. Dohrenwend, G.T. Gelwicks, J.E. Havel, D.L. Helmers, J.B. Hooker, J.R. Jones, M.F. Knowlton, J. Kubisiak, J. Mazourek, A.C. McColpin, R.B. Renken, and R.D. Semlitsch. 1998.

"Flooding to restore connectivity of regulated, large-river wetlands." *BioScience* 48:721-733.

Galovich, Gary. 2003. Personal Communication. Oregon Department of Fish & Wildlife.

- Garry Oak Ecosystems Recovery Team. 2002. Recovery Strategy for Garry Oak and Associated Ecosystems and their Associated Species at Risk in Canada, 2001 2006.
- Glenn, E. M., M. C. Hansen, R. G. Anthony. 2004. "Spotted owl home-range and habitat use in young forests of Western Oregon." *Journal, of, Wildlife-Management*. 68:33-50.
- Goetz, F. 1989. Biology of the bull trout, *Salvelinus confluentus*, a literature review. Eugene, Oregon: U.S. Dept of Agri, F.S., Willamette National Forest. 53 p.
- Goggans, R., and M. Platt. 1992. "Breeding season observations of Great Gray Owls on the Willamette National Forest, Oregon." *Oregon Birds* 18: 35-41.
- Good, J.W. and C.B. Sawyer. 1997. Recommendations for a Nonregulatory Wetland Restoration Program for Oregon. Oregon Div. State Lands, Salem, OR.
- Graham, T.B. 2000. Climate change and ephemeral pool ecosystems: Potholes and vernal pools as potential indicator systems. http://geochange.er.usgs.gov/sw/impacts/biology/vernal/
- Grant, G. E. 1997. A geomorphic basis for interpreting the hydrologic behavior of large river basins. Pp. 105-116 in (A. Laenen and D. A. Dunnette (editors). River quality: dynamics and restoration. Lewis Publishers, New York.
- Grant, Gordon. 2002. "Geology As Destiny: Cold Waters Run Deep In Western Oregon." Science Findings. Issue 49, December 2002. U.S. Department of Agriculture/Pacific Northwest Research Station.
- Greenland, D. 1998. "Variability and Stability of Climatic/Oceanic Regimes in the Pacific Northwest." Pp. 91-179 in (G. R. McMurray and R. J. Bailey (editors). Changes in Pacific Northwest Coastal Ecosystems. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Silver Springs, MD.
- Greenwood, Steve. 2002. "Restoring Water Quality in the Willamette—One More Time." In *Restoration: A Newsletter About Salmon, Watersheds, and People*. August 2002. Oregon Sea Grant. Issue No. 30.
- Gregory, S., L. Ashkenas, P. Haggerty, D. Oetter, K. Wildman, D. Hulse, A. Branscomb, and J. Van Sickle. 2002. "Riparian Vegetation." In Pacific Northwest Ecosystem Research Consortium (PNERC). 2002. Willamette River Basin Planning Atlas: Trajectories of Environmental and Ecological Change. Version 2.0. Institute for a Sustainable Environment, University of Oregon, Eugene, OR. Pp. 40-43.
- Gregory, S., F.J. Swanson, W.A. McKee, and K.W. Cummins. 1991. "An ecosystem perspective of riparian zones." *BioScience* 41:540-551.
- Gregory, S., L. Askenas, D. Oetter, P. Minear, and K. Wildman. 2002. Historical Willamette River channel change. Pp. 18-19 in Willamette River Basin Planning Atlas: trajectories of

environmental and ecological change (Hulse et al., eds.). Oregon State University Press, Corvallis, OR.

- Gregory. 2003. Personal Communication. Oregon State University.
- Griffee, W. E. 1961. "Nesting of the northern Vaux swift in the Willamette Valley." *Murrelet* 42:25-26.
- Grossman, E. 2002. A place for nature : Willamette Basin habitat conservation priorities. Defenders of Wildlife, West Linn, OR. (brochure).
- Grover, A.M. and G.A. Baldassarre. 1995. Bird species richness within beaver ponds in southcentral New York. Wetlands 15:108-118
- Gumtow-Farrior, D. L. 1991. Cavity resources in Oregon white oak and Douglas-fir in the mid-Willamette Valley, Oregon. M.S. thesis, Oregon State University. Corvallis, OR.
- Gutowsky, S.L. 2000. Riparian cover changes associated with flow regulation and bank stabilization along the upper Willamette River in Oregon between 1939 and 1996. M.S. thesis. Oregon State University, Corvallis, OR.
- Gwin, S.E., M.E. Kentula, and P.W. Shaffer. 1999. "Evaluating the effects of wetland management through hydrogeomorphic classification and landscape profiles." Wetlands 19:477-489.
- Hagar, J.C. and M.A. Stern. 1997. Avifauna in oak woodland habitats of the Willamette Valley, Oregon, 1994-1996. Report to U.S. Fish and Wildlife Service, Portland, OR.
- Hagar, J.C. and M.A. Stern. 2001. "Avifauna in oak woodlands of the Willamette Valley, Oregon." *Northwestern Naturalist* 82:12-25.
- Haig, S.M., D.W. Mehlman, and L.W. Oring. 1998. "Avian movements and wetland connectivity in landscape conservation." *Conservation Biology* 12:749-758.
- Hak, J. 2000. Fish and wildlife data and analysis for the Portland metropolitan area. Final internal report to U.S. Fish and Wildlife Service, Portland, OR.
- Hall, L. S., P. R. Krausman, and M. L. Morrison. 1997. "The Habitat Concept and a Plea for Standard Terminology." *Wildlife Society Bulletin* 25(1):173-182.
- Hallock, R.J., and L.L. Hallock (Eds.). 1993. Detailed Study of Irrigation Drainage in and near Wildlife Management Areas, West-Central Nevada, 1987-1990: Part B. Effect on Biota in Stillwater and Fernley Wildlife Management Areas and Other Nearby Wetlands. USGS Water-Resources Investigation Report 92-4024B. Denver, CO.
- Hammond, P.C. 1998. 1997 study of the Fender's blue butterfly (Icaricia icarioides fenderi) in Benton, Polk and Yamhill Counties, Oregon. Report to the U.S. Fish and Wildlife Service, Portland, OR.
- Hansen, A. J., and P. Hounihan. 1996. Canopy tree retention and avian diversity in the Oregon Cascades. pp. 401-421 in Strategies for maintaining biodiversity: theory and practice (R. C. Szaro and D. W. Johnson, eds.). Oxford Univ. Press., New York.

- Hansen, A. J., W. C. McComb, R. Vega, M. G. Raphael, and M. Hunter. 1995. "Bird habitat relationships in natural and managed forests in the west Cascades of Oregon." *Ecol. Appl.* 5: 555-569.
- Hansen, B., L. Campbell, and B. Strobel. 2001. Steelhead life history in the upper Clackamas River basin. Year 2000 Accomplishments Report for the Clackamas River Fisheries Working Group. Portland General Electric, Portland, OR.
- Hare, S.R., N. J. Mantua, and R.C. Francis. 1999. "Inverse production regimes: Alaska and west coast Pacific salmon." *Fisheries* v 24. 6: 6-14.
- Hatch A.C., L.K. Belden, E.A. Scheessele and A.R. Blaustein. 2001. "Juvenile amphibians do not avoid potentially lethal levels of urea on soil substrate." *Environmental Toxicology and Chemistry* 20: 2328.
- Hawkins, C. P., J. L. Kershner, P. A. Bisson, M. D. Bryant, L. M. Decker, S. V. Gregory, D. A. McCullough, C. K. Overton, G. H. Reeves, R. J. Steedman, and M. K. Young. 1993. "A hierarchical approach to classifying stream habitat features." *Fisheries* 18:3-12.
- Hayes, D.F., T.J. Olin, J.C. Fischenich, and M.R. Palermo. Wetlands Engineering Handbook. ERDC/EL, TR-WRP-RE-21. US Army Corps of Engineers Waterways Experiment Station, Vicksburg, MS. www.wes.army.mil/el/wetlands/pdfs/wrpre21/wrpre21.pdf
- Hayes, M. P., and M. R. Jennings. 1988. Habitat correlates of distribution of the California redlegged frog and the foothill yellow-legged frog: implications for management. Pp. 144-158 in (Szaro, R.C., et al., (technical coordinators). Management of amphibians, reptiles, and small mammals in North America. USDA For. Serv., Gen. Tech. Rep. RM-166.
- Hayes, M. P., C. A. Pearl, and C. J. Rombough. 2001. "Rana aurora aurora. Movement." *Herpetological Review* 32:35-36.
- Haynes, R.W. and G.E. Perez (tech. eds.). 2001. Northwest Forest Plan research synthesis. General Technical Report PNW-GTR-498. Pacific Northwest Research Station, USDA Forest Service, Portland, OR.
- Hemesath, L., and T. Nunez. 2002. Pringle, Glenn-Gibson, Claggett, and Mill Creeks Watershed Assessment. Greater Salem-Keiser Area Watershed Councils, Salem, OR.
- Hennings, L.A. 2001. Riparian bird communities in Portland, Oregon: Habitat, urbanization, and spatial scale patterns. M.S. thesis, Oregon State University, Corvallis, OR.
- Henny, C.J., K.F. Beal, R.B. Bury, and R. Goggans. 2003. "Organochlorine pesticides, PCBs, trace elements, and metals in western pond turtle eggs from Oregon." *Northwest Science* 77(1):46-53.
- Hibbs, D.E. and A.L. Bower. 2001. "Riparian forests in the Oregon Coast Range." Forest-Ecology-and-Management 154:201-213.
- Hibbs, D.E., M.V. Wilson, and A.L. Bower. 2002. "Ponderosa pine of the Willamette Valley, western Oregon." *Northwest-Science* 76:80-84.

- Hicks, B. J., J. D. Hall, P. A. Bisson, and J. R. Sedell. 1991. Responses of salmonids to habitat changes. Pages 483-518 in W. R. Meehan, editor. Influences of forest and rangeland management on salmonid fishes and their habitats. American Fisheries Society, Bethesda, MD.
- Hill, S. and P McLaren. 2001. A Sediment Trend Analysis of the Lower Willamette River. GeoSea Consulting (Canada) Ltd.
- Hill, Barry T. Land Management Agencies: Restoring Fish Passage on Federal Lands in Oregon and Washington Could Take Decades. Statement of Barry T. Hill, Director, Natural Resources and Environment. GAO-02-136.
- Hjort, R., P. Hulett, L. LaBolle, and H. Li. 1984. Fish and invertebrates of revetments and other habitats in the Willamette River, Oregon. U.S. Army Eng. Waterways Exp. Sta. EWQOS Tech. Rep. E-84-9.
- Holland, D.C. 1994. Western Pond Turtle: Habitat and History. DOE/BP #62137-1. Bonneville Power Administration, Portland, OR.
- Holling, C. S. 1973. "Resilience and Stability of Ecological Systems." *Annual Review of Ecology* and Systematics 4:1-23.
- Holling, C. S., and G. K. Meffe. 1996. "Command and Control and the Pathology of Natural Resource Management." *Conservation Biology* 10(2):328-337.
- Homolka, K. and T.W. Downey. 1995. Assessment of thermal effects on salmon spawning and fry emergence, upper McKenzie River, 1992. Information Reports Number 95-4. Oregon Department of Fish and Wildlife, Portland, OR.
- Hooton, R. 1997. Status of coastal cutthroat trout in Oregon. Pp. 75-67 in (J. D. Hall,P. A. Bisson and R. E. Gresswell (editors). Sea-run cutthroat trout: biology, management, and future conservation. Am. Fish. Soc., Corvallis, OR.
- Horvath, E.G. 1999. Distribution, abundance, and nest site characteristics of purple martins in Oregon. Oreg. Dept. of Fish and Wildl. Tech. Rep. 99-1-01.
- Howell, P., J. Hutchison, and R. Hooton. 1988. McKenzie subbasin fish management plan. Oregon Department of Fish and Wildlife, Portland, OR.
- Howell, P., K. Jones, D. Scarnecchia, L. LaVoy, W. Kendra, and D. Ortmann. 1985. Stock assessment of Columbia River anadromous salmonids. Volume 1: Chinook, coho, chum and sockeye salmon stock summaries. Project No. 83-335, Bonneville Power Administration, Portland, OR
- Hoyer, R.F. 2001. "Discovery of a probable new species in the genus Contia." *Northwestern Naturalist* 82:116-122.
- Huff, M.H., R.S. Holthausen, and K.B. Aubry. 1992. Habitat management for red tree voles in Douglas-fir forests. 16 pp. In Wildlife and vegetation of unmanaged Douglas-fir forests. Gen. Tech. Rep. PNW-302. Portland, OR: U. S. Department Agriculture, Forest Service. Pacific Northwest Research Station.

- Hughes, R.M. and J.R. Gammon. 1987. "Longitudinal Changes in Fish Assemblages and Water Quality in the Willamette River, Oregon." *Transactions of the American Fisheries Society* 116: 196-209.
- Hulse, D. (ed.), A. Branscomb, J. Goicochea-Duclos, S. Gregory, L. Ashkenas, P. Minear, S. Payne, D. Richey, H. Dearborn, J. Christy, E. Alverson, M. Richmond. 1998. Willamette River Basin Planning Atlas (1st edition). ISBN 0-9665402-0-4, Pacific Northwest Ecosystem Research Consortium, Institute for a Sustainable Environment, University of Oregon, Eugene.
- Hulse, D.W., A. Branscomb, and S. Payne. 2004. "Envisioning alternatives: using citizen guidance to map future land and water use." *Ecological Applications* 14:325-341.
- Hunt W, and J. J. Wetherbee. 1982. A wild trout inventory of the Blowout Creek system. Northwest Region, Oregon Department of Fish and Wildlife. Inf. Rep. No. 82-2.
- Hunt, W. 2003. Re. while we're on the subject of Foster. E-mail to L. Krasnow dated March 14, 2003. Oregon Department of Fish and Wildlife. Attachments: \Chs Total Return.xls and \S. Santiam 1985-98.xls.
- Hutchison, J. M., K. E. Thompson, and G. J. Hattan. 1966. Number and distribution of steelhead trout spawning in the Willamette Basin. By Hutchison, J. M., K. E. Thompson, and G. J. Hattan. Basin Investigations Section, Oregon State Game Commission. Portland, OR. 17 p.
- Hutchison, J. M., K. E. Thompson, and J. D. Fortune, Jr. 1966. Basin Investigations: Upper Willamette Basin. The fish and wildlife resources of the Upper Willamette Basin, Oregon, and their requirements. Oregon State Game Commission, Portland, OR. 44 p.
- Imhof, J. G., J. Fitzgibbon, and W. K. Annable. 1996. "A Hierarchical Evaluation System for Characterizing Watershed Ecosystems for Fish Habitat." *Canadian Journal of Fisheries and Aquatic Sciences* 53(Supplement 1):312-326.
- Independent Multidisciplinary Science Team. 1999. *Recovery of Wild Salmonids in Western* Oregon Forests: Oregon Forest Practices Act Rules and the Measures in the Oregon Plan for Salmon and Watersheds. Technical Report 1999-1.
- Independent Multidisciplinary Science Team (IMST). 2002. Recovery of Wild Salmonids in Western Oregon Lowlands. Technical Report 2002-1 to the Oregon Plan for Salmon and Watersheds, Governor's Natural Resources, Salem, OR.
- Independent Scientific Group (ISG). 2000. Return to the River 2000: Restoration of Salmonid Fishes in the Columbia River Ecosystem. NPPC 2000-12, Northwest Power Planning Council, Portland, OR.
- Ingram, P. and L. Korn. 1969. Evaluation of fish passage facilities at Cougar Dam on the South Fork McKenzie River in Oregon. Fish Commission of Oregon, Research Division.
- Innis, S.A., R.J. Naiman, and S.R. Elliott. 2000. "Indicators and assessment methods for measuring the ecological integrity of semi-aquatic terrestrial environments." *Hydrobiologia* 422/4223:111-131.

- Institute for the Northwest. 1999. Restoring the Willamette Basin: Strategic Issues and Challenges. Prepared for the Willamette Restoration Initiative. Funded by the U.S. Army Corps of Engineers, Portland District, Portland, OR. September 1999.
- Interactive Biodiversity Information System (IBIS). 2004. IBIS Overview. Viewed online at http://www.nwhi.org/ibis/home/overview.asp on April 30, 2004.
- 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*.34:175-186.
- Jobin, B., and J. Picman. 1997. "Factors affecting predation on artificial nests in marshes." *Journal of Wildlife Management* 61:792-800.
- Jodice, P.G.R. and M.W. Collopy. 2000. "Activity patterns of marbled murrelets in Douglas-fir old-growth forests of the Oregon Coast Range." *Condor* 102:275-285.
- Johnson, D.H., and T.A. O'Neil. 2000. Wildlife-Habitat Relationships in Oregon and Washington. Oregon State University Press. Corvallis, Oregon
- Johnson, K. N., J. F. Franklin, J. W. Thomas, and J. Gordon. 1991. Alternatives for management of late-successional forests of the Pacific Northwest. A report to the Agriculture Committee and Merchant Marine Committee of the U. S. House of Representatives. Washington, D. C.
- Johnson, K.N. 2000. Summary of current status and health of Oregon's forests. In Oregon State of the Environment Report (P. Riser, ed.). Oregon Progress Board. Salem, OR. http://egov.oregon.gov/DAS/OPB/soer2000index.shtml
- Johnson, O. W. 1999. Status review of cutthroat trout from Washington, Oregon, and California. NOAA Tech. Mem. NMFS-NWFSC-37. National Marine Fisheries Service, Seattle, Washington. January.
- Johnson, P. T. J., K. B. Lunde, E. G. Ritchie, and A. E. Launer. 1999. "The effect of trematode infection on amphibian limb development and survivorship." *Science* 284:802-804.
- Johnson, G.D., D.P. Young, W.P. Erickson, M.D. Strickland, and L. L. McDonald. 1996. "Assessing river habitat selection by waterfowl wintering in the South Platte River, Colorado." Wetlands 16:542-547.
- Junk, W. J, P. B. Bayley and R. E. Sparks. 1989. The Food-pulse Concept in River Floodplain Systems. 1989. Riverine Ecosystems: The Influence of Man on Catchment Dynamics and Fish Ecology. Pp. 110-127 in (D.P. Dodge (editor). Proceedings of the International Large River Symposium (LARS). Canadian Special Publications in Fisheries and Aquatic Sciences 106.
- Kagan, J.S. 1980. The biology of Lomatium bradshawii, a rare plant of Oregon. MS thesis, University of Oregon, Eugene, OR.
- Kammerer, J.C. 1990. Largest Rivers in the United States. U.S. Geological Survey, Open-File Report 87-242, 2 p.

- Kauffman, J. B., R. L. Beschta, N. Otting, and D. Lytjen. 1997. "An Ecological Perspective of Riparian and Stream Restoration in the Western United States." *Fisheries* 22(5):12-24.
- Kauffman, J.B., M. Mahrt, L. Mahrt, and W.D. Edge. 2001. Wildlife of riparian habitats. pp. 361-388 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- Kauffman, S. 1993. The Origins of Order: Self-Organization and Selection in Evolution. Oxford University Press, Oxford.
- Kaye, T.N, K. Pendergrass, K. Findley and J.B. Kauffman. 2001. "The effect of fire on the population viability of an endangered prairie plant." *Ecological Applications* 11:1366-1380.
- Kaye, T.N. 2001. Restoration research for golden paintbrush (Castilleja levisecta), a threatened species. Institute for Applied Ecology, Corvallis, Oregon.
- Kaye, T.N. and B.A. Lawrence. 2003. Fitness effects of inbreeding and outbreeding on golden paintbrush (Castilleja levisecta): Implications for recovery and reintroduction. Institute for Applied Ecology, Corvallis, OR and Washington Department of Natural Resources, Olympia, WA.
- Kaye, T.N. and J. Cramer. 2002. Population monitoring for Lupinus sulphureus ssp. kincaidii, Fir Butte and Oxbow West sites, West Eugene Wetlands. Institute for Applied Ecology, Corvallis, Oregon and USDI Bureau of Land Management, Eugene District, Eugene, OR.
- Kaye, T.N. and J.R. Cramer. 2002. Population monitoring for proposed habitat manipulation of Willamette daisy (Erigeron decumbens), Oxbow West site, West Eugene. Institute for Applied Ecology, Corvallis, Oregon and USDI Bureau of Land Management, Eugene District, Eugene, OR.
- Kaye, T.N. and K. Kuykendall. 2001. "Effects of scarification and cold stratification on germination of Lupinus sulphureus ssp. kincaidii." Seed Science and Technology 29:663-668.
- Kaye, T.N., J. Cramer, and A. Brandt. 2003. Seeding and transplanting rare Willamette Valley prairie plants for population restoration. Third year report. Institute for Applied Ecology, Corvallis, OR.
- Kaye, T.N., J.R. Cramer, and B.A. Lawrence. 2003. Population monitoring for proposed habitat manipulation of Willamette daisy (Erigeron decumbens), Oxbow West site, West Eugene. Institute for Applied Ecology, Corvallis, Oregon and USDI Bureau of Land Management, Eugene District, Eugene, OR.
- Kaye, T.N., K.L. Pendergrass, K. Finley, and J.B. Kauffman. 2001. "The effect of fire on the population viability of an endangered prairie plant." *Ecological Applications* 11(5): 1366-1380
- Kaye, T.N., M. Gisler, and R. Fiegener (editors). 2003. Proceedings of a Conference on Native Plant Restoration and Management on Public Lands in the Pacific Northwest: Rare Plants, Invasive Species and Ecosystem Management. Institute for Applied Ecology, Corvallis, OR.

- Kaye, T.N., R.J. Meinke, J. Kagan, S. Vrilakas, K.L. Chambers, P.F. Zika, and J.K. Nelson. 1997. Patterns of rarity in the Oregon flora: Implications for conservation and management. Pages 1-10 in T.N. Kaye, A.
- Liston, R.M. Love, D.L. Luoma, R.J. Meinke, and M.V. Wilson, eds. Conservation and management of native plants and fungi. Native Plant Society of Oregon, Corvallis, OR.
- Kellogg, E.(ed.). 1992. Coastal temperate rain forests: ecological characteristics, status and distribution worldwide. Ecotrust Occasional Paper Series 1. Ecotrust and Conservation International, Portland, OR, and Washington, D.C.
- Kenaston, K. 2003. Re. talk from AFS on rearing and migration of McKenzie spring chinook. Email to
- L. Krasnow dated February 28, 2003. Attachments: \Script for talk.doc and \kenaston et al rearing and migration.ppt. Oregon Department of Fish and Wildlife. Corvallis, OR.
- Kiesecker, J. M. and A. R. Blaustein 1998. "Effects of introduced bullfrogs and smallmouth bass on microhabitat use, growth, and survival of native red-legged frogs." *Conservation Biology* 12:776-787.
- Klingman, P. and J. Wyrick. 2001. Hydrology of the Willamette River and Impacts of Reservoirs. Presentation and handouts to the Willamette River Watershed Conference.
- Klock, C., S. Smith, T. O'Neil, R. Goggans, and C. Barrett. 1998. Willamette Valley land use/ land cover map. Oregon Dept. of Fish and Wildlife, Salem, OR.
- Kostow, K. 2002. Oregon lampreys: Natural history, status, and analysis of management issues. Oregon Department of Fish and Wildlife Information Report 2002-01. Portland, OR.
- Kostow, K. 1995. Biennial report on the status of wild fish in Oregon. Oregon Department of Fish and Wildlife. 217 p.
- Kruzic, L. 2003. NOAA Fisheries, Portland, Oregon. "Kruzic comments- Hydro BO ch 5 120202," attachment to E-mail dated January 15.
- Lacy, R. C., and T. W. Clark. 1993. "Simulation modeling of American marten populations: vulnerability to extinction." *Great Basin Nat.* 53:282-292.
- Laenen 1995. (http://water.usgs.gov/pubs/circ/circ1161/nawqa91.e.html#pgfId=242464)
- Lamy, F, J. Bolte, M. Santelmann, and C. Smith. 2002. "Development and evaluation of multiple-objective decision-making methods for watershed management planning." *Journal-of-the-American-Water-Resources-Association*. 38:517-529.
- Landers, 2001 = Landers, D., A. Fernauld, and C. Andrus. 2002. Off-channel habitats. Pp. 26-27. In Hulse, D., S. V. Gregory, and J. Baker [Eds.], Willamette River basin planning atlas. Prepared for the Pacific Northwest Ecosystem Research Consortium. Oregon State Univ. Press, Corvallis, OR.
- Lane Council of Governments and City of Eugene. 1992. West Eugene Wetlands Plan. http://www.ci.eugene.or.us/wewetlands/WEWP2000/WEWP2000_Index.htm

- Larsen, E.M. and J.T. Morgan. 1998. Management recommendations for Washington's priority habitats: Oregon white oak woodlands. Washington Dept. Fish and Wildlife, Olympia, WA. www.trpc.org/resources/tracking+developments+exec+summ.pdf
- Leach, G.C. 1932. Propagation and distribution of food fishes, 1939. In (H. O'Malley (ed.), Report of the United States Commissioner of Fisheries for the fiscal year, 1931. 627-696 pp.
- Lee, K. K. and J. C. Risley. 2002. Estimates of Ground-Water Recharge, Base Flow, and Stream Reach Gains and Losses in the Willamette River Basin, Oregon. A publication of the U.S. Department of the Interior, U.S. Geological Survey. Water-Resources Investigations Report 01–4215. Prepared in cooperation with the Oregon Water Resources Department. Portland, OR.
- Leonard, W.P., and K. Ovaska. 1998. "Contia tenuis." *Catalogue of American Amphibians and Reptiles* 677:1-7.
- Leonard, W.P., H.A. Brown, L.L.C. Jones, K.R. McAllister, and R.M. Storm. 1993. Amphibians of Washington and Oregon. Seattle Audubon Society, Seattle, WA.
- Leopold, L. B., M. G. Wolman, and J. P. Miller. 1964. Fluvial processes in geomorphology. W H Freeman, San Francisco, CA.
- Lesica, P. 1992. "Autecology of the endangered plant Howellia aquatilis, implications for management and reserve design." *Ecological Applications* 2: 411-421.
- Levin, S. A. 1992. "The Problem of Pattern and Scale in Ecology." Ecology 73:1942-1968.
- Li, H., C. Schreck, C. Bond, E. Rexstad. 1987. Factors influencing changes in fish assemblages of Pacific Northwest streams. In (W.J. Mathews and D.C. Heinz (editors). Community and evolutionary ecology of North American stream fishes. University of Oklahoma Press, Norman, OK. 193-202 pp.
- Lichatowich, J. 2000. Recovering salmon and healthy watersheds in the Willamette basin. Review of the Willamette River Initiative. Report prepared for the Oregon Business Council. 31 pp.
- Lichatowich, J., L. Mobrand, L. Lestelle, and T. Vogel. 1995. "An Approach to the Diagnosis and Treatment of Depleted Pacific Salmon Populations in Pacific Northwest Watersheds." *Fisheries* 20:10-18.
- Lindsay, R. B., R. K. Schroeder, and K. R. Kenaston. 1998. Annual progress report; Spring chinook salmon in the Willamette and Sandy Rivers. October 1997 through September 1998. Oregon Department of Fish & Wildlife, Portland, OR. 68 pp.
- Lindsay, R. 2003. 2002 Otolith analysis of adult spring chinook salmon and estimates of run size. Preliminary data. Meeting handout: (Steelhead) Chinook Above Barriers, on May, 28. Oregon Department of Fish and Wildlife, Corvallis, OR. 4 pp.

Lindsay, R. B., K. R. Kenaston R. K. Schroeder, J. T. Grimes, M. G. Wade, K. Homolka, and L.

- Borgerson. 1997. Spring Chinook salmon in the Willamette and Sandy Rivers. Annual Progress Report F-163-R-01, Task 1.2—The proportion of wild fish in natural spawning populations. Oregon Department of Fish and Wildlife. 4 p.
- Lindsay, R. B., R. K. Schroeder, and K. R. Kenaston. 1999. Spring Chinook salmon in the Willamette and Sandy Rivers. Annual Progress Report F-163-R-03, Oregon Department of Fish and Wildlife. 68 p.
- Loegering, J. P., and R. G. Anthony. 1999. "Distribution, abundance, and habitat association of riparian-obligate and associated birds in the Oregon Coast Range." *Northwest Sci.* 73: 168-185.
- Lorensen. 20003. Personal Communication. Oregon Department of Forestry.
- Mamoyac, S. and J. Ziller. 2001. Releasing spring chinook above USACE dams. Intra-Department memo to C. Wheaton dated October 29. Oregon Dept. of Fish and Wildlife.
- Mamoyac. 2004. Personal Communication. Oregon Department of Fish & Wildlife.
- Mamoyac, S. 2003. Re. hatchery winter steelhead program. Oregon Department of Fish and Wildlife, Corvallis. E-mail dated February 20.
- Mannan, R.W., E.C. Meslow, and H.M. Wight. 1980. "Use of snags by birds in Douglas-fir forests, Western Oregon." *J. Wildl. Manage*. 44: 787-797.
- Mantua, N.J. et al. A Pacific interdecadal climate oscillation with impacts on salmon production. Bulletin of the American Meteorological Society.
- Manuwal, D. 1991. Spring bird communities in the southern Washington Cascade Range. Pp 161-174 in Wildlife and vegetation of unmanaged Douglas-fir forests (L. F. Ruggiero, K. B. Aubry, A. B. Carey, and
- M. H. Huff, tech. coords.). U.S. Dept. Agric., For. Serv. Gen. Tech. Rep. PNW-GTR-285. Portland, OR
- Marco, A., D. Cash, L.K. Belden, and A.R. Blaustein. 2001. "Sensitivity to urea fertilization in three amphibian species." *Archives of Environmental Contamination and Toxicology* 40:406.
- Marco, A., Quilchano, C., Blaustein, A.R. 1999. "Sensitivity to nitrate and nitrite in pondbreeding amphibians from the Pacific Northwest, USA." *Environ Toxicol Chem*. 18:2836-2839.
- Marcot, G., J. F. Palmisano, R. W. Plotnikoff, W. G. Pearcy, C. A. Simenstad, and P. C. Trotter. 2000. Pacific Salmon and Wildlife: Ecological Contexts, Relationships and Implications for Management. Special Edition Technical Report, Washington Department of Fish and Wildlife, Olympia, WA.
- Marcot, B.G. 1990. "Limnology, vegetation, and classification of Coast Range slump-formed ponds." *Northwest Science* 64:55-63.

- Marcot, B.G., and J.W. Thomas. 1997. Of Spotted Owls, old growth and new policies: a history since the Interagency Scientific Committee Report. U.S. Dept. Agric., For. Serv. Gen. Tech. Rept. PNW-GTR-408.
- Marcot, B.G., W.E. McConnaha, P.H. Whitney, T.A. O'Neil, P.J. Paquet, L. Mobrand, G.R. Blair, L.C. Lestelle, K.M. Malone, and K.I. Jenkins. 2002. A multi-species framework approach for the Columbia River Basin: integrating fish, wildlife, and ecological functions. Northwest Power Planning Council, Portland, Oregon. CD-ROM and Web www.edthome.org/framework
- Markle, D. F., T. N. Pearsons, and D. T. Bills. 1991. "Natural history of Oregonichthys (Pisces: Cyprinidae), with a description of a new species from the Umpqua River of Oregon." *Copeia* 1991(2):277-293.
- Markle. 1997. Personal Communication. Oregon State University.
- Markle, D., T. Pearsons, and C. Bills. 1989. Taxonomic status and distributional survey of the Oregon chub. Final report, OSU # 30-262-9714. Oregon State University, Corvallis, OR.
- Marshall, D., M. Hunter, and A. Contreras (eds.). 2003. Birds of Oregon: A General Reference. Oregon State University Press, Corvallis, OR.
- Martin, J. 1998. "Factors Influencing Production of Willamette River Salmonids and Recommendations for Conservation Actions." Corvallis, OR.
- Martin, K.M. 2001. Wildlife of alpine and subalpine habitats. Pp. 239-260 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- Martin, KJ and B. C. McComb. 2003. "Amphibian habitat associations at patch and landscape scales in the Central Oregon Coast Range." *Journal of Wildlife-Management*. 67:672-683.
- Marzluff, J.M. and K. Ewing. 2001. "Restoration of fragmented landscapes for the conservation of birds: a general framework and specific recommendations for urbanizing landscapes." *Restor. Ecol.* 9:280-292.
- Maser, C. and J.R. Sedell. 1994. From the forest to the sea, the ecology of wood in streams, rivers, estuaries, and oceans. St. Lucie Press, Delray Beach, Florida.
- Mattson, C. R. 1948. "Spawning ground studies of Willamette River spring chinook salmon." *Research Briefs of the Oregon Fish Commission*. 1(2):21-32.
- Mattson, C. R. 1955. Sandy River and its anadromous salmonid populations. Ore. Fish Comm. (unpublished report). 15 p.
- Mattson, C. R. 1962. Early life history of Willamette River spring Chinook salmon. Fish Comm. Ore., Clackamas, OR. 50 p.
- Mattson, C.R. 1963. An investigation of adult spring chinook salmon of the Willamette River system, 1946-51. Fish Commission of Oregon, Clackamas, OR. May. 39 pp.

- May, C. W., E. B. Welch, R. R. Horner, J. R. Karr, and B. W. Mar. 1997. *Quality for Urbanization Effects in Puget Sound Lowland Streams*. University of Washington Department of Civil Engineering. 229 pp.
- McCarthy, K.A. and R.W. Gale. 2001. Evaluation of persistent hydrophobic organic compounds in the Columbia River Basin using semipermeable-membrane devices. Hydrological Processes 15:1271-1283.
- McCullough, D., S. Spalding, D. Sturdevant, and M. Hicks. 2001. Summary of technical literature examining the physiological effects of temperature on salmonids. Environmental Protection Agency, Washington, DC
- McComb W. C., M. T. McGrath, T.A. Spies, and D. Vesely. 2002. "Models for Mapping Potential Habitat at Landscape Scales: An Example Using Northern Spotted Owls." *Forest Science* 48(2):203-216.
- McComb, W.C. 2001. Management of within-stand forest habitat features. Pp. 140-153 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- McComb, W.C., and J.C. Hagar. 1992. Riparian Wildlife Habitat Literature Review. Oregon Dept. of Forestry, Salem, OR.
- McConnaha, W. E. 2003. Assessment of Coho Salmon Habitat in an Urban Stream Using Species-Habitat Analysis. Ph.D. thesis. Portland State University, Portland, OR.
- McCune, B. and L. Geiser. 1997. Macrolichens of the Pacific Northwest. Oregon State University Press, Corvallis, OR.
- McDonald, M. 1894. Notes on Fisheries of the Pacific Coast: Lampreys. Bulletin of the United States Fish Commission, Volume 14. Washington, D.C. 279 p.
- McElhany, P., T. Backman, C. Busach, S. Heppell, S. Kolmes, A. Maule, J. Myers, D. Rawding, D. Shively, A. Steel, C. Steward, and T. Whitesel. 2003. Interim report on viability criteria for Willamette and Lower Columbia basin Pacific salmonids. Willamette/Lower Columbia Technical Recovery Team (W/LC TRT). Northwest Fisheries Science Center, Seattle, WA. March 31.
- McGarigal, K., and W. C. McComb. 1995. "Relationships between landscape structure and breeding birds in the Oregon Coast Range." *Ecol. Monogr.* 65: 235-260.
- McKenzie Watershed Council (MWC). 2002. The McKenzie River Watershed Conservation Strategy; January 2002.
- Meffe, G. 1984. "Effects of abiotic disturbance on coexistence of predator-prey fish species." *Ecology* 65:1525-1534.
- Meinke, R.J. 1982. Threatened and Endangered Vascular Plants of Oregon: An Illustrated Guide. U.S. Fish and Wildlife Service, Region 1, Portland, OR. 326 pp.
- Meiselman, N., and A. T. Doyle. 1996. "Habitat and microhabitat use by the red tree vole (Phenacomys longicaudus)." *American Midland Naturalist* 135:33-42.

- Mellen, T. K., E. C. Meslow, and R. W. Mannan. 1992. "Summertime home range and habitat use of Pileated Woodpeckers in western Oregon." *J. Wildl. Manage*. 56: 96-103.
- Merrifield, K. 2000. "Bryophytes on isolated Quercus garryana trunks in urban and agricultural settings in the Willamette Valley, Oregon." *Bryologist*.103:720-724.
- Merrill, T.R. 1957. Stream improvement as conducted in Oregon on the Clatskanie River and tributaries. Oregon Fish commission Research Briefs 3:41-47.
- Metro. 2002. Metro's technical report for Goal 5. Revised Draft. Metro, Portland, OR.
- Metro. 2002. Species list and habitat associations for species normally occurring within the Metro region. Appendix 1. Draft.
- Metro. 2002. Metro's riparian corridor and wildlife habitat inventories. Preliminary draft, August 2002.
- Metro. 2003. FY 2003-04 Adopted Budget: Organizational and Regional Profile. Available at http://www.metro-region.org/library_docs/finance/12g_economy-growth-03-04.pdf. Viewed March 6, 2004.
- Meyer, J.S., L.L. Irwin, and M.S. Boyce. 1998. "Influence of habitat abundance and fragmentation on northern spotted owls in western Oregon." *Wildl. Monogr.* 139.
- Meyers J., P. McElhany, T. Backman, C. Busack, S. Heppell, S. Kolmes, A. Maule, D. Rawding, D. Shively, A. Steel, C. Steward, T. Whitesel. 2003. Interim Report on Viability Criteria for Willamette and Lower Columbia Basin Pacific Salmonids.
- Minear, P. J. 1994. Historical change in channel form and riparian vegetation of the McKenzie River, Oregon. M.S. thesis. Oregon State University, Corvallis, OR.
- Mobrand Biometrics. 2003. Artificial Production Review and Evaluation. Northwest Power and Conservation Council, Portland, OR
- Mobrand Biometrics. 2003. Information Structure in EDT. Mobrand Biometrics, Inc., Vashon, WA.
- Mobrand Biometrics. 2004. Ecosystem Diagnosis and Treatment. Mobrand Biometrics, Inc. www.Mobrand.com/EDT.
- Modde, T., R. T. Muth, and G. B. Haines. 2001. "Floodplain wetland suitability, access, and potential use by juvenile razorback suckers in the middle Green River, Utah." *Transactions of the American Fisheries Society* 130:1095-1105.
- Moffatt, R. L., R. E., Wellman, and J. M. Gordon. 1990. Statistical summaries of streamflow data in Oregon: Volume 1 monthly and annual streamflow, and flow-duration values.
- Montgomery, D. R., and J. M. Buffington. 1998. Channel processes, classification and response. Pages 13-42 in R. J. Naiman and R. E. Bilby, editors. River ecology and management: lessons from the Pacific coastal ecoregion. Springer, New York.
- Montgomery, D. R., J. M. Buffington, N. P. Peterson, D. Schuett-Hames, and T. P. Quinn. 1996. "Stream-bed scour, egg burial depths, and the influence of salmonid spawning on bed

surface mobility and embryo survival." *Canadian Journal of Fisheries and Aquatic Sciences* 53:1061-1070.

- Moore, K., K. K. Jones, and J. M. Dambacher. 1997. Methods for stream habitat surveys. Oregon Department of Fish and Wildlife, Portland, OR
- Morlan, J. 2000. Summary of current status and health of Oregon's freshwater wetlands. In Oregon State of the Environment Report (P. Riser, ed.). Oregon Progress Board, Salem, OR. http://egov.oregon.gov/DAS/OPB/soer2000index.shtml
- Morrison, M. L., and E. C. Meslow. 1983. "Bird community structure on early-growth clearcuts in western Oregon." *Am. Midl. Nat.* 110: 129-137.
- Morrison, M. L., B. G. Marcot, and R. W. Mannon. 1998. Wildlife-Habitat Relationships: Concepts and Applications. Second edition. University of Wisconsin Press, Madison, WI.
- Mote, P. et al. Impacts of climate variability and change in the Pacific Northwest. The JISAO Climate Impacts Group, University of Washington. Seattle. Available at: http://www.jisao.washington.edu/PNWimpacts/Publications/Green1999.pdf
- Muir, P.S., R.L. Mattingly, J.C. Tappeiner II, J.D. Bailey, W.E. Elliott, J.C. Hagar, J.C. Miller, E.B.
- Peterson, and E.E. Starkey. 2002. Managing for biodiversity in young Douglas-fir forests of Western Oregon. U.S. Geological Survey, Biological Resources Division, Biological Science Report USGS/BRD/BSR–2002-0006. fresc.usgs.gov/products/papers/mang_bio.pdf.
- Murtagh T, V Niles-Raethke, R Rohrer, M Gray, T Rien, and J Massey. 1992. Tualatin Subbasin Fish Management Plan. Prepared for Oregon Department of Fish and Wildlife. January.
- Murtagh, T., R. Rohrer, M. Gray, E. Olsen, R. Rien, and J. Massey. 1992. Clackamas subbasin fish management plan. Oregon Department of Fish and Wildlife. 174 p.
- MWC (Mohawk Watershed Council). 2000. Mohawk River Watershed Assessment.
- MWC (McKenzie Watershed Council). 1996. Technical report for water quality and fish and wildlife habitat. Prepared for the McKenzie Watershed Council, OR. 169 p.
- Myers, J. M., R. G. Kope, G. J. Bryant, D. Teel, L. J. Lierheimer, T. C. Wainwright, W. S. Grant, F. W. Waknitz, K. Neely, S. T. Lindley, and R. S. Waples. 1998. Status review of Chinook salmon from Washington, Idaho, Oregon and California. Technical Memo NMFS-NWFSC-35, U.S. Dept. of Commerce, Seattle, WA. 443 p.
- Myers, J., C. Busack, D. Rawding, and A. Marshall. 2002. Relationships between historical demographically independent and present day chinook salmon and steelhead populations in the Lower Columbia River and Upper Willamette River. Appendix C *in* Identifying historical populations of chinook and chum salmon and steelhead within the Lower Columbia River and Upper Willamette River Evolutionarily Significant Units. Willamette/Lower Columbia Technical Recovery Team (W/LC TRT). Northwest Fisheries Science Center, Seattle, WA. May 10.

- Naiman, R.J., T. J. Beechie, L.E. Benda, D. R. Berg, P. A. Bisson, L. H. MacDonald, M. D. O'Connor, P. L. Olson, and E. A. Steel. 1992. Fundamental elements of ecologically healthy watersheds in the Pacific Northwest Coastal Ecoregion. Pp.127-186 in (Naiman, R.J. (ed.). Watershed management : balancing sustainability and environmental change. New York: Springer-Verlag.
- National Association of Conservation Districts. 2003. *BufferNotes*. A newsletter of the National Association of Conservation Districts. January 2003. downloaded from http://www.nacdnet.org/buffers/03Jan/CREP.htm.
- National Marine Fisheries Service (NMFS) 1998. Conclusions regarding the status of hatchery populations in deferred ESUs of West Coast Steelhead. Memorandum for W. Stelle and W. Hogarth from M. Schiewe. January 18, 1998. 29p.
- National Marine Fisheries Service (NMFS). 1998a. Status review update for west coast salmon (Oncorhynchus tshawytscha) from Puget Sound, Lower Columbia River, Upper Willamette River, and Upper Columbia River spring-run ESUs. Memo to W. Stelle (Northwest Region, National Marine Fisheries Service) and W. Hogarth (Southwest Region, NMFS). December 23. 55 pp.
- National Marine Fisheries Service (NMFS). 1999a. Evaluation of the status of chinook and chum salmon and steelhead hatchery populations for ESUs identified in final listing determinations. Memo from the Conservation Biology Division, Northwest Fisheries Science Center, Seattle, WA. March 4. 69 p.
- National Marine Fisheries Service (NMFS). 1999. Evaluation of the status of chinook and chum salmon and steelhead hatchery populations for ESUs identified in Final Listing Determinations. Memo from the Conservation Biology Division, Northwest Fisheries Science Center, 4 March 1999, 69p.
- National Marine Fisheries Service (NMFS). 2000. Biological Opinion On the impacts from the collection, rearing, and release of salmonids associated with artificial propagation programs in the Upper Willamette spring chinook and winter steelhead Evolutionarily Significant Units. NMFS, Northwest Region, Portland, OR. July 10.
- National Research Council. 1996. Upstream: Salmon and Society in the Pacific Northwest. National Academy Press. Washington, D.C. 452 p.
- NatureServe. 2004. NatureServe Explorer: An online encyclopedia of life [web application]. Version 3.0. NatureServe, Arlington, Virginia. Available http://www.natureserve.org/explorer. (Accessed: April 13, 2004).
- Neeley, D. 1996. Effect of hatchery straying on wild gene frequencies in naturally spawning Willamette River stocks. In, Cramer, S.P., C.F. Willis, D. Cramer, M. Smith, T. Downey, and R. Montagne. 1996. Status of Willamette River spring Chinook salmon in regards to the federal Endangered Species Act, Part 2. Prepared by S.P. Cramer and Associates, Inc. for Portland General Electric Company, Portland, and Eugene Water and Electric Board, Eugene, OR.

- Nehls, H. 2003. Barn swallow. Pp. 437-438 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Nelson, S. K., and A. K. Wilson. 2000. Marbled Murrelet habitat characteristics on state lands in western Oregon. Final rep., Oreg. Coop. Fish and Wildl. Res. Unit, Oreg. State Univ., Dept. Fisheries and Wildl., Corvallis, OR.
- Nelson, S. K., M. L. C. Mcallister, M. A. Stern, D. H. Varoujean, and J. M Scott. 1992. The Marbled Murrelet in Oregon, 1899-1987. Pp. 61-91 in Status and conservation of the marbled murrelet in North America. Proc. West. Found. Vert. Zool. 5:61-91.
- Nelson, S.K. 2003. Marbled murrelet. Pp. 290-293 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Nelson, S.K., and T.E. Hamer. 1995. Nest success and the effects of predation on Marbled Murrelets. Pp. 89-98 in Ecology and conservation of the Marbled Murrelet (C. J. Ralph, G. L. Hunt, Jr., M. G. Raphael, and J. F. Piatt, eds.). U.S. Dept. Agric., For. Serv. Gen. Tech. Rep. PSW-GTR-152. Albany, CA.
- Nicholas, J. 1995. Status of Willamette spring-run chinook salmon relative to Federal Endangered Species Act. Report to the Natl. Mar. Fish. Serv. Oreg. Dep. Wildl., 44 p. (Available from Oregon Department of Fish and Wildlife, 2501 SW First Avenue, PO Box 59, Portland, Oregon 97207).
- Nicholas, J.W. 1978. A review of literature and unpublished information on cutthroat trout (Salmo clarki clarki) of the Willamette watershed. Inf. Rep. Ser. Fish. No. 78-1. Oreg. Dep. Fish Wildl., Portland, OR.
- Nickelson, T. E., J. W. Nicholas, A. M. McGie, R. B. Lindsay, D. L. Bottom, R. J. Kaiser, and S. E. Jacobs. 1992. Status of anadromous salmonids in Oregon coastal basins. Oreg. Dep. Fish Wildl., Res. Develop. Sect. and Ocean Salmon Manage., Corvallis, Oregon.
- Nierenberg, T.R. and D.E. Hibbs. 2000. "A characterization of unmanaged riparian areas in the central Coast Range of western Oregon." *Forest-Ecology-and-Management*.129:195-206.
- NOAA Technical Memorandum NMFS-NWFSC-27, NOAA Fisheries, Seattle, WA.
- Nilsson, C. and M. Dynesius. 1994. "Ecological effects of river regulation on mammals and birds: a review." *Regulated Rivers Research and Management* 9:45-53.
- NMFS/Northwest Fisheries Science Center. 2000. Passage of juvenile and adult salmonids past Columbia and Snake River dams. White Paper. National Marine Fisheries Service, Seattle, Washington.
- NOAA Fisheries Recovery Planning Web site. http://research.nwfsc.noaa.gov/trt/overview.htm.
- NOAA Fisheries. 2000. FCRPS Biological Opinion, December 21, 2007-17.0 Cumulative Effects; http://www.nwr.noaa.gov/1hydrop/hydroweb/docs/Final/chap07.pdf.

- Nolan, Kelly. May 1999. Integrating the Planning Mandates of the Clean Water Act, the Coastal Zone Management Act Reauthorization Amendments of 1990, and the Endangered Species Act: Toward a Comprehensive Approach to Watershed Management Planning. Prepared for the Northwest Water Law and Policy Project, Northwestern School of Law of Lewis and Clark College and the Rogue Valley Council of Governments. Research Publication PO99-2.
- Noon, B. R., and A. B. Franklin. 2002. "Scientific research and the Spotted Owl (Strix occidentalis): opportunities for major contributions to avian population ecology." *Auk* 19: 311-320.
- Northwest Fisheries Science Center. 2003. Upper Willamette River Spring Chinook Population Status Report. Draft document prepared by the Northwest Fisheries Science Center by the Willamette/Lower Columbia Technical Recovery Team. December 2003.
- Northwest Power and Conservation Council. 1999. FY 2000 Draft Annual Implementation Work Plan.
- Northwest Power Planning Council. 2000. Columbia River Basin Fish and Wildlife Program. Council Document 2000-19, Northwest Power Planning Council, Portland, OR.
- Northwest Power Planning Council. 2003. Willamette Subbasin Planning Contract. Memorandum from Lynn Palensky to council members. Available at http://www.nwcouncil.org/fw/subbasinplanning/willamette/default.asp. April 16, 2003.
- Northwest Power Planning Council. 2002. Columbia River Basin Fish and Wildlife Program. Council Document 2000-19. Northwest Power Planning Council, Portland, Oregon.
- Noss, R., 1993. "A Conservation plan for the Oregon Coast Range: Some preliminary suggestions." *Natural Areas Journal* 13: 276-290.
- Nussbaum, R. A., E. D. Brodie, Jr., and R. M. Storm. 1983. Amphibians and Reptiles of the Pacific Northwest. University Press of Idaho. 332 pp.
- ODF, DEQ. 2002. Sufficiency Analysis: A Statewide Evaluation of Forest Practices Act Effectiveness in Protecting Water Quality.
- Odum, E. P. 1969. "The Strategy of Ecosystem Development." Science 164:262-270.
- Odum, E. P. 1993. Ecology and Our Endangered Life-Support Systems. Second edition. Sinauer Associates, Inc., Sunderland, MA.
- Oetter, D.R., W.B. Cohen, M. Berterretche, T.K. Maiersperger, and R.E. Kennedy. 2001. "Land cover mapping in an agricultural setting using multiseasonal Thematic Mapper data." *Remote-Sensing-of-Environment*. 76:139-155.
- Olsen, E., P. Pierce, M. McLean, and K. Hatch. 1992. Stock summary reports for Columbia River anadromous salmonids. Volume I: Oregon. Project No. 88-108. U. S. Department of Energy, Bonneville Power Administration, Portland, OR.
- Olson, D.H., J.C. Hagar, A.B. Carey, J.H. Cissel, and F.J. Swanson. 2001. Wildlife of westside and high montane forests. Pp. 187-212 in Wildlife-Habitat Relationships in Oregon and

Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.

- Oregon Agricultural Statistics Service. 1993. 1992-1993 Oregon Agriculture and Fisheries Statistics: Portland. Oregon Agricultural Statistics Service, 72 p.
- Oregon Biodiversity Project. 1998. Oregon's living landscape: strategies and opportunities to conserve biodiversity. Defenders of Wildlife, West Linn, OR.
- Oregon Department of Agriculture (ODA). 2002. Middle Willamette Agricultural Water Quality Management Area Plan.
- Oregon Department of Environmental Quality (ODEQ). 1998. 303(d) list. http://waterquality.deq.state.or.us/WQLData/SelectSubBasin98.asp.
- Oregon Department of Environmental Quality (ODEQ). 2004. Oregon Department of Environmental Quality, Water Quality Limited Streams 303(d) List: http://www.deq.state.or.us/wq/303dlist.
- Oregon Department of Environmental Quality. 2000. Oregon's 2000 Water Quality Status Assessment Report. Section 305(b) report. Available at http://www.deq.state.or.us/wq/305brpt/305breport00a.pdf.
- Oregon Department of Environmental Quality. 2004. Groundwater Quality Report for the Willamette Basin, Oregon. Prepared by David L. Cole, R.G. Oregon Department of Environmental Quality Laboratory Division; and Oregon Department of Environmental Quality, Water Quality Division. March 2004
- Oregon Department of Fish and Wildlife (ODFW). 2003. Implementation of wild fish management policy. The Oregon plan for salmon and watersheds, stock status report. http://www.dfw.state.or.us/springfield/McKChs.html Updated July 2002. Accessed May 6.
- Oregon Department of Fish and Wildlife (ODFW). 1986. Steelhead management plan 1986-1992. Oregon Department of Fish and Wildlife, Portland.
- Oregon Department of Fish and Wildlife (ODFW). 1997. McKenzie Fish Management Plan. Oregon Department of Fish and Wildlife. April.
- Oregon Department of Fish and Wildlife (ODFW). 2001. Upper Willamette River spring chinook in freshwater fisheries of the Willamette basin and Lower Columbia River. Mainstem Fisheries management and Evaluation plan. ODFW, Portland, OR. 96 pp.
- Oregon Department of Fish and Wildlife (ODFW). 1998. Spring chinook chapters. Willamette Basin Fish Management Plan. March.
- Oregon Department of Fish and Wildlife (ODFW). 1995. Status of Willamette spring-run chinook salmon relative to Federal Endangered Species Act consideration. Oregon Department of Fish and Wildlife, Portland, OR. 44 pp.

- Oregon Department of Fish and Wildlife (ODFW). 1990c. Santiam and Calapooia rivers, Willamette River subbasin salmon and steelhead production plan. Columbia Basin System Planning, ODFW, Portland, OR. 201 p.
- Oregon Department of Fish and Wildlife (ODFW). 1990a. Willamette River subbasin salmon and steelhead production plan. Columbia Basin System Planning, ODFW, Portland, Oregon. 131 p.
- Oregon Department of Fish and Wildlife (ODFW). 1992. Clackamas River subbasin fish management plan. Portland, Oregon.
- Oregon Department of Fish and Wildlife (ODFW). 1999a. Stock status report for spring chinook salmon in the McKenzie River basin. Oregon Department of Fish and Wildlife, Springfield, OR. January.
- Oregon Department of Fish and Wildlife (ODFW). 1993. Oregon wildlife diversity plan. Portland, Oregon.
- Oregon Department of Fish and Wildlife (ODFW). 1995. Status of Willamette spring-run chinook salmon relative to the federal Endangered Species Act. Report to the National Marine Fisheries Service. Ore. Dept. of Fish and Wildl. 44 p.
- Oregon Department of Fish and Wildlife (ODFW). 1998. Documents submitted to the ESA Administrative Record for west coast chinook salmon by J.W. Greer, 13 October 1998.
- Oregon Department of Fish and Wildlife (ODFW). 2001. Landowner's guide to creating grassland habitat for the western meadowlark and Oregon's other grassland birds. Oregon Dept. of Fish and Wildlife, Salem, OR.
- Oregon Department of Fish and Wildlife (ODFW). 1990d. Coast Fork and Long Tom Rivers, Willamette River Subbasin Salmon and Steelhead Production Plan. Columbia Basin System Planning, ODFW, Portland, Oregon. 76 p.
- Oregon Department of Fish and Wildlife (ODFW). 1990e. Mckenzie River Subbasin Salmon and Steelhead Production Plan. Columbia Basin System Planning, ODFW, Portland, Oregon. 90 p.
- Oregon Department of Fish and Wildlife (ODFW). 1990f. Middle Fork Willamette River, Willamette River Subbasin Salmon and Steelhead Production Plan. Columbia Basin System Planning, ODFW, Portland, Oregon. 139 p.
- Oregon Department of Fisheries (ODF). 1903. Report of master fish warden. Annual reports of the Department of Fisheries of the State of Oregon. State of Oregon, Salem, Ore.
- Oregon Department of Fisheries (ODF). 1905. Report of master fish warden. Annual reports of the Department of Fisheries of the State of Oregon. State of Oregon, Salem Ore.
- 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. Appendix B.

Oregon Division of State Lands Web site: http://www.oregonstatelands.us/r-fintro.htm).

Oregon Division of State Lands Web site: http://www.oregonstatelands.us/wetlandsintro.htm).

- Oregon Progress Board. 2000. Oregon State of the Environment Report.
- Oregon Progress Board. 2000. Oregon State of the Environment Report. Chapter 3.12 Summary of Current Status of Exotic Species in Oregon. Stevan J. Arnold, Chair, Department of Zoology, OSU; Jill Anthony, Department of Fisheries and Wildlife, OSU.
- Oregon Salmon Hatchery Superintendents (OSHS). 1925. Proceedings of the second annual convention of Oregon salmon hatchery superintendents. Portland, OR. February 3-4, 1925.
- Oregon Watershed Enhancement Board (OWEB). 1999. Oregon Aquatic Habitat Restoration and Enhancement Guide. Oregon Watershed Enhancement Board. Salem, OR.
- Oregon Watershed Enhancement Board (OWEB). 2002. Monitoring Strategy for the Oregon Plan for Salmon and Watersheds. Oregon Watershed Enhancement Board. Salem, OR.
- Oregon Watershed Enhancement Board. 2003. 2001-2003 Oregon Plan Biennial Report.
- Oregon Water Resources Department. 2002. Ground Water Supplies in the Willamette Basin. Oregon Water Resources Department, Oregon Department of Land Conservation and Development. 53 pages. http://www.wrd.state.or.us/publication/pdfs/RptGWSuppliesWmBasin10-2002.pdf. September 2002.
- Oregon Watershed Enhancement Board. 2003. Willamette Watershed Council Accomplishments Atlas, 2003. Viewed online at http://www.oweb.state.or.us/publications/WillametteAccompAtlas.pdf.
- Oregon Wetlands Conservation Alliance. 1993. Oregon wetlands conservation guide: voluntary wetlands stewardship options for Oregon's private landowners.
- Oregonian 2000. report (December 17, 2000),
- Orr, E. L., W. N. Orr, and E. M. Baldwin. 1976. Geology of Oregon, Fourth edition. Kendall/Hunt Publishing, Dubuque, IA.
- Osmundson, D. B., and K. P. Burnham. 1998. "Status and trends of the endangered Colorado squawfish in the upper Colorado River." *Transactions of the American Fisheries Society* 127:957-970.
- 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.
- Pabst, R. J. and T. A. Spies. 1999. "Structure and composition of unmanaged riparian forests in the coastal mountains of Oregon, U.S.A." *Canadian Journal of Forest Resources* 29: 1557-1573.
- Pacific Northwest Aquatic Monitoring Partnership (PNAMP). 2004. Considerations for Monitoring in Subbasin Plans. PNAMP.

- Pacific Northwest Ecosystem Research Consortium (PNERC). 2002. Willamette River Basin Planning Atlas: Trajectories of Environmental and Ecological Change. Version 2.0. Institute for a Sustainable Environment, University of Oregon, Eugene, Oregon. 2004. Map available at http://www.fsl.orst.edu/pnwerc/wrb/access.html.
- Pacific Northwest Ecosystem Research Consortium. 1998. The Willamette River Basin: A Planning Atlas. Version 1.0. Published by the University of Oregon.
- Pacific Northwest Research Station. 2001. "Food for Fish, Food for Thought: Managing the Invisible Components of Streams." Science Findings. Issue 32, March 2001. U.S. Department of Agriculture.
- Palen, W. J., D. E. Schindler, M. J. Adams, C. A. Pearl, R. B. Bury, and S. A. Diamond. 2002. "Optical characteristics of natural waters protect amphibians from UV-B in the U.S. Pacific Northwest." *Ecology* 83:2951-2957.
- Parendes, LA., Jones, JA and Hourdequin, M. 2000. "Role of light availability and dispersal in exotic plant invasion along roads and streams in the H. J. Andrews Experimental Forest, Oregon." *Conservation Biology* 14: 64-75.
- Park, D.L. 1993. Effects of marine mammals on Columbia River salmon under the Endangered Species Act Recovery Measures for Threatened and Endangered Snake River Salmon: Technical Report 3 of 11. Under contract DE-AM79-93BP99654, Bonneville Power Administration. Don Chapman Consultants, Inc., for S.P. Cramer and Associates, Portland, Oregon.
- Parkhurst, Z. E., Bryant, F. C., and R. S. Nielson. 1950. Survey of the Columbia River and its tributaries. Part 3 (Area 2). U. S. Fish and Wildlife Service Special Scientific Report -Fisheries No. 36, 103 pp.
- Payne, S. 2002. Modeling the effects of alternative rural residential patterns on vertebrate biodiversity in the Willamette River Basin, Oregon. M.L.A. thesis, University of Oregon, Eugene. http://ise.uoregon.edu/staff/spayne/pdfs.html
- Pearcy, W.G. 1992. Ocean ecology of North Pacific salmonids. (Washington Sea Grant Program, Seattle), 179 pp.
- Pearsons, T. 1989. Ecology and decline of a rare western minnow: the Oregon chub (Oregonichthys crameri). M.S. thesis. Oregon State University, Corvallis, Oregon. 86 pp.
- Pendergrass, K. 1999. Enhancement activities for Kincaid's lupine and Fender's blue butterfly. Environmental Assessment No. ORO 90-99-26. USDI Bureau of Land Management, Eugene, OR.
- Pendergrass, K.L., P.M. Miller, J.B. Kauffman, and T.N. Kaye. 1999. "The role of prescribed burning in maintenance of an endangered plant species, Lomatium bradshawii." *Ecological Applications* 9:1420-1429.
- Perkins, T.E. 2000. The spatial distribution of beaver impoundments and effects on plant community structure in the lower Alsea drainage of the Oregon Coast Range. M.S. thesis, Oregon State University, Corvallis, OR.

- Peterson, E.B. and B. McCune. 2003. "The importance of hotspots for lichen diversity in forests of Western Oregon." *Bryologist*.106: 246-256.
- Pettit, Greg. 2002. Overview of Water Quality in Willamette River Basin Based on the OWQI. Presented by Greg Pettit, Manager, Water Quality Monitoring, Oregon DEQ, at Willamette State of Knowledge Summit, La Salle Stewart Center, Corvallis Oregon; May 29, 2002. Unpublished.
- Poff, N.L., J.D. Allan, M.B. Bain. J.R. Karr, K.L. Prestegaard, B.D. Richter, R.E. Sparks, and J.C. Stromberg. 1997. "The natural flow regime: a paradigm for river conservation and restoration." *Bioscience* 47: 769-784.
- Policansky, D., and J. J. Magnuson. 1998. "Genetics, Metapopulations, and Ecosystem Management of Fisheries." *Ecological Monographs* 8(1 Supplement):S119-S123.
- Poracsky, J., L. Sharp, E. Lev, and M. Scott. 1992. Metropolitan Greenspaces Program Data Analysis, Part 1: Field-based Biological Data. Metro, Portland, Oregon.
- Portland State University (PSU). 2003. Final population estimates for Oregon, its counties, and incorporated cities. Center for Population Research and Census, Portland State University, OR.
- Preister, Kevin, Ph.D. 2002. A Human Geographic Issue Management System for Natural Resource Managers in the Willamette Valley, Oregon. James Kent Associates.
- Prescott, H.W. 1980. "Causes of decline of the Western Bluebird in Oregon's Willamette Valley." *Sialia* 2: 131-135.
- Prescott, H.W., and E. Gillis. 1985. "An analysis of Western Bluebird double and triple nest box research on Chehalem and Parrett Mountains in 1982." *Sialia* 7: 123-130, 146.
- Proceedings of the Annual Conference of Western Association of Fish and Wildlife Agencies 64:483-486.
- PSU undated web report; (Population Research Center, Portland State University, downloaded from website, http://www.upa.pdx.edu/CPRC/publications/annualorpopulation.html, 2/25/04)
- Puchy, C., and D. Marshall. 1993. Oregon Wildlife Diversity Plan. Oregon Department of Fish and Wildlife. Second edition, November 1993, p. III-106.
- Quigley, T. M., R. W. Haynes, R. T. Graham, and T. Russel. 1996. An Integrated Scientific Assessment for Ecosystem Management in the Interior Columbia Basin and Portions of the Klamath and Great Basins. PNW-GTR-382, U.S. Forest Service, Pacific Northwest Research Station, Portland, OR.
- Quintana-Coyer, D.L., R. P. Gerhardt, M. D. Broyles, J.A. Dillon, C.A. Friesen, S.A. Godwin, and S.D. Kamrath. 2004. Survey protocol for the great gray owl within the range of the Northwest Forest Plan. USDA Forest Service, Portland, OR.
- Radosevich, S.R. (principal investigator). 2004. Survey of the Lessons Learned About Managing Forests for Biodiversity and Sustainability Based on Practical Experiences. Report to the

National Commission on Science for Sustainable Forestry. Oregon State University, Corvallis, OR.

- Ralph, C. J., S. K. Nelson, M. M. Shaughnessy, S. L. Miller, And T. E. Hamer. 1994. Methods For Surveying Marbled Murrelets In Forests: A Protocol For Land Management And Research. Pacific Seabird Group, U.S. Dept. Agric. For. Serv., Arcata, CA.
- Reeves, G. H., K. M. Benda, P. A. Burnett, P. A. Bisson, and J. R. Sedell. 1995. "A Disturbance Based Ecosystem Approach to Maintaining and Restoring Freshwater Habitats of Evolutionarily Significant Units of Anadromous Salmonids in the Pacific Northwest." *American Fisheries Society Symposium* 17:334-349.
- Reeves, G. H. and J. R. Sedell. 1992. An Ecosystem Approach to the Conservation and Management of Freshwater Habitat for Anadromous Salmonids in the Pacific Northwest. Pp. 408-415. Transcript of the 57th North American Wildlife and Natural Resources Conference, Washington.
- Regier, H. A., R. L. Welcomme, R. J. Stedman, and H. F. Henderson. 1989. "Rehabilitation of Degraded River Ecosystems." Pages 86-89 in D. P. Dodge, ed., Proceedings of the International Large River Symposium. Canadian Special Publications in Fisheries and Aquatic Sciences.
- Reice, S. R., R. C. Wissmar, and R. J. Naiman. 1990. "Disturbance Regimes, Resilience and Recovery of Animal Communities and Habitats in Lotic Ecosystems." *Environmental Management* 14(5):647-659.
- Rice, D. J. 1990. An application of restoration ecology to the management of an endangered plant, Howellia aquatilis. M.S. thesis. Washington State University, Pullman, WA, 85 pp.
- Richter, B.D., J.V. Baumgartner, J. Powell, and D.P. Braun. 1996. "A method for assessing hydrological alteration within ecosystems." *Conservation Biology* 10(4): 1163-1174.
- Richter, K.O. 1997. Criteria for the restoration and creation of wetland habitats of lentic breeding amphibians of the Pacific Northwest. Pp. 72-94 in: K.B. MacDonald & F. Weinmann (eds.). Wetland and Riparian Restoration: Taking a Broader View. USEPA Region 10, Seattle, WA.
- Robison, E. George, Albert Mirati, Marganne Allen. Spring 1999. Oregon Road/Stream Crossing Restoration Guide; http://www.nwr.noaa.gov/1salmon/salmesa/4ddocs/orfishps.htm.
- Roni, P. 2002. "Habitat use by fishes and Pacific Giant Salamanders in small western Oregon and Washington streams." *Transactions of the American Fisheries Society* 131:743-761.
- Rose, C.L., B. G. Marcot, T. K. Mellen, J.L. Ohmann, K.L. Waddell, D.L. Lindley, and B. Schreiber. 2001. Decaying wood in Pacific Northwest forests: concepts and tools for habitat management. pp. 580-623 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- Roth, E., B. Taylor, and E. Scheuering. 2002. Pacific Coast Joint Venture Implementation Plan: Willamette Valley. Oregon Wetlands Joint Venture, Lake Oswego, OR.

- Runyon J, C Andrus, and R Schwindt. 2004. Calapooia River Watershed Assessment. Report prepared for The Calapooia Watershed Council, Sweet Home, OR. February.
- Sanzenbacher, P.M. and S.M. Haig. 2001. Killdeer population trends in North America. J. Field Ornithol. 72:160-169.
- Sanzenbacher, P.M. and S.M. Haig. 2002a. "Regional fidelity and movement patterns of wintering killdeer in an agricultural landscape." *Waterbirds* 25:16-25.
- Sanzenbacher, P.M. and S.M. Haig. 2002b. "Residency and movement patterns of wintering dunlin in the Willamette Valley of Oregon." *Condor* 104:271-280.
- Sauer, J. R., J. E. Hines, and J. Fallon. 2003. The North American Breeding Bird Survey, Results and Analysis 1966 - 2003. USGS Patuxent Wildl. Res. Center, Laurel, MD. http://www.mbr-pwrc.usgs.gov/bbs/bbs.html
- Scheeler, C.A., P. Ashley, W. Blosser, D.H. Johnson, J. Kagan, C. MacDonald, B.G. Marcot, T. A. O'Neil, P.J. Paquet, D. Parkin, E. Roderick, P. Roger, A. Sondenaa, and S. Soults. 2003. Oregon technical guide for developing wildlife elements of a subbasin plan. Northwest Power Conservation Council (NWPCC).
- Scheerer, P. D., P. S. Kavanagh, K. K. Jones. 2004. Oregon chub investigations. Oregon Department of Fish and Wildlife, Fish Research Project E-2-35. Annual Progress Report. Oregon Department of Fish and Wildlife, Corvallis, OR.
- Scheerer. 2004. Personal Communication. Oregon Department of Fish and Wildlife.
- Scheerer, P. and K. Jones. 1997. Oregon Department of Fish and Wildlife Annual Progress Report on Oregon chub. EF-96 VII-1. 62 pp.
- Scheerer, P., and G.D. Apke. 1998. Oregon Chub Research. Middle Fork Willamette and Santiam River Drainages. Annual Progress Report. E96970022. 79 pp.
- Scheerer, P., C. Shafer, K. Jones. 1992. Oregon Chub Investigations. Oregon Department of Fish and Wildlife, Fish Research Project EF-91 VII-1. 32 pp.
- Schreck, C.B., H.W. Li, C.S. Sharpe, K.P. Currens, P.L. Hulett, S.L. Stone, and S.B. Yamada. 1986. Stock identification of Columbia River chinook salmon and steelhead trout. U.S. Dep. Energy, Bonneville Power Administration. Project No. 83-45. 184p.
- Schrock, L. 2003. Western wood-pewee. Pp. 376-378 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Schroeder, R. K., K. R. Kenaston, and R. B. Lindsay. 2001. Spring chinook salmon in the Willamette and Sandy rivers. Annual progress report, Project No. F-163-R-06. Oregon Department of Fish and Wildlife, Portland. 33 pp.
- Schroeder, R.K., K.R. Kenaston, and R.B. Lindsay. 2003. Spring Chinook Salmon in the Willamette and Sandy Rivers. Annual Progress Report, Oregon Department of Fish and Wildlife, Salem, OR.

- Schroeder, R. K., K. R. Kenaston, and R. B. Lindsay. 2002. Spring chinook salmon in the Willamette and
- Sandy rivers. Oregon Department of Fish and Wildlife, Annual Progress Report F-163-R-07. 35 pp.
- Schueler, T. R. 1994. "The Importance of Imperviousness." *Watershed Protection Techniques* 1(3): 100-111.
- Schuft, M.J., T.J. Moser, P.J. Wigington, D.L. Stevens, L.S. McAllister, S.S. Chapman, and T.L. Ernst. 1999. "Development of landscape metrics for characterizing riparian-stream networks." *Photogrammatric Engineering & Remote Sensing* 65:1157-1167.
- Schultz, C. B. and P.C. Hammond. 2003. "Using population viability analysis to develop recovery criteria for endangered insects: Case study of the Fender's blue butterfly." *Conservation Biology*.
- Schultz, C. B., P. C. Hammond, and M. V. Wilson. 2003. "The biology of Fender's blue butterfly (Icaricia icarioides fenderi) an endangered species of western Oregon native prairies." *Natural Areas Journal 23*:61-71.
- Schultz, C.B. 1998. "Burning prairie to restore butterfly habitat: a modeling approach to management tradeoffs for Fender's blue." *Restoration Ecology* 6:244-252.
- Sedell, J. R., B. A. MacIntosh, and P. Minear. 1992. Evaluation of past and present stream habitat conditions for the U.S. Army Corps of Engineers McKenzie River temperature control study. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, Corvallis, Oregon.
- Sedell, J. R., B. A. MacIntosh, and P. J. Minear. 1991. Evaluation of past and present stream habitat conditions. Report for the Army Corps of Engineers McKenzie River Water Temperature Control Feasibility Study. USFS Pacific Northwest Research Station, Corvallis, OR. 13 p.
- Sedell, J., and L. Froggatt. 1984. "Importance of streamside forests to large rivers: The isolation of the Willamette River, Oregon, U.S.A., from its floodplain by snagging and streamside forest removal." Verh. Internat. Verin. Limnol. 22: 1828-1834.
- Sedell, J., F. Reeves, F. Hauer, J. Stanford, and C. Hawkins. 1990. "Role of refugia in recovery from disturbances: Modern fragmented and disconnected river systems." *Environ. Mgmt.* 14(5)711-724.
- Severns, P.M. 2003. "Propagation of a long-lived and threatened prairie plant, Lupinus sulphureus ssp. kincaidii." *Restoration Ecology* 11:334-342.
- Severns-P. 2002. "Evidence for the negative effects of Bt (Bacillus thuringiensis var. kurstaki) on a non-target butterfly community in Western Oregon, USA." *Journal of the-Lepidopterists'-Society*. 56:166-170.
- Shaffer, P.W., M.E. Kentula, and S.E. Gwin. 1999. "Characterization of wetland hydrology using hydrogeomorphic classification." *Wetlands* 19:490-504.

- Shaich, J. 2000. Wetland regulatory compliance in the Willamette Valley, Oregon: 1982 to 1994. Oregon Division of State Lands, Salem, OR.
- Sheldon, D., T. Hruby, P. Johnson, K. Harper, A. McMillan, S. Stanley, and E. Stockdale. 2003 (draft). Freshwater Wetlands in Washington State - Vol. 1: A Synthesis of the Science. Washington Dept. of Ecology, Olympia, WA.
- Sheridan, C.D., D.H. Olson, R.D. Moore, and J.S. Richardson. 2003. "Amphibian assemblages in zero-order basins in the Oregon Coast Range." *Canadian-Journal of Forest-Research* 33:1452-1477.
- Simmons, J. 2003. Acorn woodpecker. pp.352-355 in Birds of Oregon: a general reference (D.B. Marshall, M.G. Hunter, and A.L. Contreras, eds.). Oregon State University Press, Corvallis, OR.
- Smith, E.M., J.C. Zakel, W.H. Day, K. Homolka, and M.A. Duckman. 1987. Willamette River salmon studies. Annual progress report. Oregon Dept. of Fish and Wildlife.
- Snyder, J. O. 1908. The fishes of the coastal streams of Oregon and northern California. Bulletin of the U.S. Bureau of Fisheries 27:153-189.
- Southwood, T. R. E. 1977. "Habitat, the Template for Ecological Strategies?" *Journal of Animal Ecology* 46:337-365.
- Sparling, D.W., G. Linder, and C.A. Bishop (eds.). 2000. Ecotoxicology of Amphibians and Reptiles. Society of Environmental Toxicology and Chemistry. Pensacola, FL.
- Spies, T.A., K. N. Johnson, G. Reeves, P. Bettinger, M. T. McGrath, R. Pabst, K. Burnett, K. Olsen, A. C. Johnson, (ed.), R. W. Haynes(ed.), R. A. Monserud. 2002. An evaluation of tradeoffs between wood production and ecological integrity in the Oregon Coast Range. General Technical Report PNW-GTR-563, Pacific Northwest Research Station, USDA Forest Service, Portland, OR.
- St. John, A.D. 1987. The herpetology of the Willamette Valley, Oregon. Oregon Department of Fish and Wildlife Nongame Wildlife Program, Technical Report #86-1-02.
- Stahl. 2004. Personal Communication. Oregon Department of Fish & Wildlife.
- Stanfield, B.J., J.C. Bliss, and T.A. Spies. 2002. "Land ownership and landscape structure: a spatial analysis of sixty-six Oregon (USA) Coast Range watersheds." *Landscape-Ecology* 17:685-697.
- Stanford, J. A., J. V Ward, W. J. Liss, C.A. Frissell, R. N. Williams, J. A. Lichatowich, and C. C. Coutant. 1996. "A General Protocol for Restoration of Regulated Rivers." *Regulated Rivers* 12:391-413.
- Stanford, J. A., and J. V. Ward. 1993. "An ecosystem perspective of alluvial rivers: connectivity and the hyporheic corridor." *Journal of the North American Benthological Society* 12:48-60.
- Stone, L. 1878. The salmon fisheries of the Columbia River. In Report of the Commissioner of Fish and Fisheries, p. 801-823.

- Stouder, P. A. Bisson, and R. J. Naiman, editors, Pacific Salmon and Their Ecosystems: Status and Future Options. Chapman Hall, New York, NY.
- Strong, C.S. 2003. "Decline of the marbled murrelet population on the central Oregon coast during the 1990s." *Northwestern Naturalist* 84:31-37.
- Sumner, F. H. 1972. A contribution to the life history of the cutthroat trout in Oregon. Oregon State Game Commission, Unpublished report, Corvallis, Oregon. 142 p.
- Sutherland, G.D. and F.L. Bunnell. 2001. Cross-scale classification trees for assessing risks of forest practices to headwater stream amphibians. Pp. 550-555 in Wildlife-Habitat Relationships in Oregon and Washington (D.H. Johnson, D.H. and T.A. O'Neil (eds.). Oregon State University Press, Corvallis, OR.
- Suzuki, N. and J.P. Hayes. 2003. "Effects of thinning on small mammals in Oregon coastal forests." *Journal of Wildlife-Management* 67: 352-371.
- Suzuki, N. and W.C. McComb. 1998. "Habitat classification models for beaver in the streams of the central Oregon Coast Range." *Northwest Science* 72:102-110.
- Swindle, K.A., W.J. Ripple, E.C. Meslow, and D. Schafer. 1999." Old-forest distribution around spotted owl nests in the central Cascade Mountains, Oregon." J. Wildl. Manage. 63:1212–1221.
- Sype, W.E. 1975. Breeding habits, embryonic thermal requirements and embryonic and larval developments of the Cascade frog. Ph.D. Thesis, Oregon State University, Corvallis.
- Taft, O.W., S.M. Haig, and C. Kiilsgaard. 2003. "Use of radar remote sensing (RADARSAT) to map winter wetland habitat for shorebirds in an agricultural landscape." *Environmental-Management* 33.
- Taft, O.W. and S.M. Haig. 2003. "Historical wetlands in Oregon's Willamette Valley: Implication for restoration of winter waterbird habitat." *Wetlands* 23:51-64.
- Tansley, A. G. 1935. "The Use and Abuse of Vegetational Concepts and Terms." *Ecology* 16:284-307.
- Tetra Tech. 1993. Willamette River Basin Water Quality Study: Willamette River Ecological Systems Investigation Component Report. Prepared for the Oregon Department of Environmental Quality.
- Tetra Tech. 1994. Willamette River Basin Water Quality Study Phase II: Biological Sampling Data Report. Prepared for the Oregon Department of Environmental Quality.
- The Middle Fork Willamette Watershed Council (MWC). 2002. Lower Middle Fork Willamette River Watershed Assessment. Oregon. August.
- Thieman, C. 2000. Long Tom Watershed Assessment. Long Tom Watershed Council, Eugene, OR. January.
- Thilenius, J.F. 1964. Synecology of the white oak (Quercus garryana) woodlands of the Willamette Valley, Oregon. Ph.D. thesis, Oreg. State Univ., Corvallis, OR.

- Thom, B. A., K. K. Jones, and R. L. Flitcroft. 1999. Stream habitat conditions in Western Oregon. Oregon plan for salmon and watersheds, Monitoring program report 1991-1. Governor's Natural Resources Office, Salem, OR.
- Thomas, C.M., and R.G. Anthony. 1999. "Environmental contaminants in Great Blue Herons from the Lower Columbia and Willamette Rivers, Oregon and Washington, U.S.A." *Environ. Toxicol. Chem.* 18: 2804-2816.
- Thomas, D.W. 1988. "The distribution of bats in different ages of Douglas-fir forests." *Journal* of Wildlife Management 52:619-26.
- 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: a report to the Interagency Scientific Committee to address the conservation of the northern spotted owl. U.S. Forest Service, U.S. Fish and Wildlife Service, and National
- Park Service, Washington, D.C. 427 pp.
- Thomas, J.W., M.G. Raphael, R.G. Anthony, E.D. Forsman, A.G. Gunderson, R.S. Holthausen, B.G. Marcot, G.H. Reeves, J. R. Sedell, and D. M. Solis. 1993. Viability assessments and management considerations for species associated with late-successional and old-growth forest of the Pacific Northwest. Research Report of the Scientific Analysis Team. U.S. Forest Service, Washington, D.C.
- Thomas, T., F. Caplow, P. Dunwiddie, and S. Pearson. 2003. Recovery efforts for golden paintbrush. P. 51 in Proceedings of a Conference on Native Plant Restoration and Management on Public Lands in the Pacific Northwest: Rare Plants, Invasive Species and Ecosystem Management (Kaye, T.N., M. Gisler, and R. Fiegener, eds.). Institute for Applied Ecology, Corvallis, OR.
- Thompson, W. F. 1959. "An Approach to Population Dynamics of the Pacific Red Salmon." *Transactions of the American Fisheries Society* 88:206-209.
- Thompson, K. E., J. M. Hutchison, J. D. Fortune, and R. W. Phillips. 1966. Fish Resources of the Willamette Basin. Willamette Basin Review, App. D: Fish and Wildlife; Sect. II: Present Status. Oregon State Game Commission, Portland, OR. 161 p.
- Titus, J.H., Christy, J.A., VanderSchaaf, D., Kagan, J.S., and Alverson, E.R. 1996. Native wetland and riparian plant communities in the Willamette Valley, Oregon. Oregon Natural Heritage Program and The Nature Conservancy, Portland, Oregon.
- Tinus, E.S., J.A. Koloszar, and D.L. Ward. 2003. Abundance and distribution of fish in City of Portland streams. Final report to the City of Portland, Portland, Oregon.
- Tinus, E.S., J.A. Koloszar, and D.L. Ward. 2003. Abundance and distribution of fish in Clackamas County urban streams. Final report to Clackamas County, Clackamas, Oregon.
- Trotter, P. C. 1997. Sea-run cutthroat trout: Life history profile. Pages 7-15 in J. D. Hall, P. A. Bisson, and R. E. Gresswell, editors. Sea-run cutthroat trout: biology, management and future conservation. American Fisheries Society, Corvallis, OR.

- U.S. Army Corps of Engineers, 1989. Willamette River Basin Reservoir System Operation: Portland District. U.S. Army Corps of Engineers report, 43 p.
- U.S. Army Corps of Engineers. 1970. Flood plain information, Willamette River, Johnson, Kellogg and Mt. Scott Creeks. U.S. Army Engineer District, Portland, Oregon. 55 pp.
- U.S. Army Corps of Engineers. 1999. Willamette River Floodplain Restoration Study. Section 905(B) Reconnaissance Report.
- USDA Forest Service. 2004. Pacific Northwest Research Station Science Update: western forests, fire risk, and climate change. Issue 6.
- U.S. Department of Agriculture and U.S. Department of the Interior. (USDA/USDI). 1994. 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. U.S. Dept. Agric., For. Serv., and U.S. Dept. Int., Bur. Land Manage., Portland, OR.
- U.S. Fish and Wildlife Service (USFWS). 1948. Willamette Valley Project Oregon. Preliminary evaluation report on fish and wildlife resources. U.S. Dept. of the Interior, Portland, Ore. 70 p.
- U.S. Fish and Wildlife Service and as part of the National Water-Quality Assessment Program.
- U.S. Fish and Wildlife Service. 1981. Habitat Evaluation Procedures (HEP). US Fish and Wildlife Service, Washington, DC.
- U.S. Fish and Wildlife Service (USFWS). 1998. Recovery Plan for the Oregon Chub (Oregonichthys crameri). Portland, Oregon. 69+ pp.
- U.S. Fish and Wildlife Service (USFWS). 1986. Recovery plan for the Pacific Bald Eagle. US Fish and Wildlife Service, Portland, OR.
- U.S. Fish and Wildlife Service (USFWS). 1992. Endangered and threatened wildlife and plants: determination of threatened status for the Washington, Oregon, and California population of the marbled murrelet. Federal Register 57(191):45328-45337.
- U.S. Fish and Wildlife Service (USFWS). 1993. Lomatium bradshwaii (Bradshaw's lomatium) recovery plan. U.S. Fish and Wildlife Service, Portland, Oregon.
- U.S. Fish and Wildlife Service (USFWS). 1994. Proposed threatened status for Castilleja levisecta. Federal Register 59(89): 24106-24112.
- U.S. Fish and Wildlife Service (USFWS). 1994. The plant, water howellia (Howellia aquatilis), determined to be a threatened species. Federal Register 59(134): 35860-35864.
- U.S. Fish and Wildlife Service (USFWS). 1995. Proposed special rule for the conservation of the northern spotted owl on non-federal lands. Federal Register 60(33):9484-9527. 17 February 1995.
- U.S. Fish and Wildlife Service (USFWS). 1996. Endangered and threatened wildlife and plants, final designation of critical habitat for the Marbled Murrelet. Fed. Reg. 61: 26256-26320.

- U.S. Fish and Wildlife Service (USFWS). 1996. Final designation of critical habitat for the marbled murrelet. Federal Register 61(102):26256-26320.
- U.S. Fish and Wildlife Service (USFWS). 1997. Determination of threatened status of Castilleja levisecta (golden paintbrush). Federal Register, June 11, 1997.
- U.S. Fish and Wildlife Service (USFWS). 1997. Recovery plan for the Marbled Murrelet (Brachyramphus marmoratus) in Washington, Oregon and California. U.S. Fish and Wildl. Serv., Portland, OR.
- U.S. Fish and Wildlife Service. 1998. Oregon chub (Oregonichthys crameri) Recovery Plan. United States Fish and Wildlife Service, Portland, Oregon.
- U.S. Fish and Wildlife Service (USFWS). 1998. Proposed endangered status for Erigeron decumbens var. decumbens (Willamette daisy) and Fender's blue butterfly (Icaricia icarioides fenderi) and proposed threatened status for Lupinus sulphureus ssp. kincaidii (Kincaid's lupine). Federal Register January 27, 1998.
- U.S. Fish and Wildlife Service (USFWS). 1998a. Recovery Plan for the Oregon Chubb (Oregonichthys crameri). Region 1, Portland OR.
- U.S. Fish and Wildlife Service (USFWS). 2000. Recovery plan for the golden paintbrush (Castilleja levisecta). U.S. Fish and Wildlife Service, Portland, Oregon.
- U.S. Fish and Wildlife Service (USFWS). 2001. Final determination of critical habitat for the California red-legged frog. Federal Register 13 March 2001 66(49):14626-14758.
- U.S. Forest Service (USFS). 1988. Final supplement to the environmental impact statement for an amendment to the Pacific Northwest Regional Guide. Vol. I: Spotted owl guidelines, Vol. II: Appendices. USDA Forest Service, Pacific Northwest Region. Portland, OR. 338 + 600 pp.
- U.S. Geological Survey (USGS). 2004. Hydrologic Unit Maps: What are Hydrologic Units? Viewed online at http://water.usgs.gov/GIS/huc.html. Adapted from P.R., Seaber, F.P., Kapinos, and G.L. Knapp, 1987, Hydrologic Unit Maps, U.S. Geological Survey Water-Supply Paper 2294, 63 p.
- Uhrich, M.A., and D.A. Wentz. 1997. USGS NAWQA Study. Water-Resources Investigations Report 97–4082–A.
- Uhrich, Mark A., and Dennis A. Wentz. 1999. Environmental Setting of the Willamette Basin, Oregon. U.S. Department of Interior, U.S. Geological Survey. Water-Resources Investigations Report 97-4082-A. Portland, OR.
- Urban, M. G., R. V. O'Neill, and H. N. Shugart. 1987. "Landscape Ecology: A Hierarchical Perspective Can Help Scientists Understand Spatial Patterns." BioScience 37:119-127.
- USACE (U. S. Army Corps of Engineers). 2001. Letter re: consolidated Federal action agency comments on the Federal Review Draft of the Reasonable and Prudent Alternative and Incidental Take Statement, to B. Brown, National Marine Fisheries Service, Hydropower Program, from R. Willis, Portland District, U.S. Army Corps of Engineers, Oregon. April 25.

- USACE (U.S. Army Corps of Engineers). 1947. Review of Survey Report: Willamette River and tributaries: Appendix E-levees and overflow channel closures. Report prepared by Portland District Corps of Engineers, Portland Oregon. 52 p.
- U.S. Army Corps of Engineers (USACE). 1997. Middle Fork Willamette River, Oregon fisheries restoration reconnaissance report. Portland District, Portland, Oregon.
- USACE (U.S. Army Corps of Engineers). 2000. Biological assessment of the effects of the Willamette River Basin flood control project on species listed under the Endangered Species Act. Final. Submitted to National Marine Fisheries Service and U.S. Fish and Wildlife Service. Portland District, U.S. Army Corps of Engineers, OR. April.
- USACE (U.S. Army Corps of Engineers). 2002. Letter re: amend proposed action, to D. Lohn, National Marine Fisheries Service, Northwest Regional Office, from D. Moriuchi, Portland District, U.S. Army Corps of Engineers, OR. May 24.
- USACE (U.S. Army Corps of Engineers). 1989. Willamette River Bank Protection Programssummary. U.S. Army Corps of Engineers, Portland District, OR. 10 p. + appendices.
- USACE (U.S. Army Corps of Engineers). 2003. Cougar Dam and Reservoir Final Supplemental Information Report & Environmental Assessment Amendment. Portland District, OR. July.
- USACE (U.S. Army Corps of Engineers). 1970. Flood plain information, Willamette River, Johnson, Kellog and Mt. Scott Creeks. U.S. Army Engineer District, Portland, OR.
- USFS. 1995. Watershed analysis. Upper Clackamas Watershed. U.S. Forest Service, Portland, OR
- USFS. 1996. Oak Grove Watershed Analysis. U.S. Forest Service, Portland, OR
- USFWS (U.S. Fish and Wildlife Service) and NMFS (National Marine Fisheries Service). 1998. Endangered Species Consultation Handbook: Procedures for conducting consultation and conference activities under Section 7 of the Endangered Species Act. Final. March.
- USFWS (U. S. Fish and Wildlife Service). 1962. Fall Creek Dam and Reservoir Project: A detailed report
- on the fish and wildlife resources. Office of the Commissioner. Portland, Oregon. 22 pp.
- USFWS (U. S. Fish and Wildlife Service). 1963. Foster Dam and Reservoir Project: A detailed report on
- the fish and wildlife resources. Office of the Commissioner, Portland, OR. 19 pp.
- USFWS (U.S. Fish & Wildlife Service). 1994. Fish and Wildlife Coordination Act report for the proposed McKenzie River Temperature Control Project. Oregon State Office, Portland. 52 pp.
- USFWS (U.S. Fish and Wildlife Service). 1948. Willamette Valley Project, Oregon. Preliminary evaluation report on fish and wildlife resources. U.S. Fish and Wildlife Service, Portland, OR.

- Varoujean, D. H., and W. A. Williams. 1995. Abundance and distribution of Marbled Murrelets in Oregon and Washington based on aerial surveys. Pp. 327-338 in (C. J. Ralph, G. L. Hunt, M. G. Raphael, and J. F. Piatt (editors). Ecology and conservation of the Marbled Murrelet. General Technical Report PSW-GTR-152. Albany, CA: Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture.
- Varoujean, D.H. and W.A. Williams. 1987. Nest locations and nesting habitat of the marbled murrelet in coastal Oregon. Tech. rep. #87-0-01. Oregon Dept. Fish and Wildlife, Nongame Wildlife Program, Portland, OR. 49 p.
- Vega, R. 1993. Bird communities in managed conifer stands in the Oregon Cascades: habitat association and nest predation. M.S. thesis, Oreg. State Univ., Corvallis, OR.
- Verts, B.J. and L.N. Carraway. 1998. Land Mammals of Oregon. University of California Press, Berkeley, CA.
- Vesely, D.G., and W.C. McComb. 2002. "Salamander abundance and amphibian species richness in riparian buffer strips in the Oregon Coast Range." *Forest-Science*. 48:291-297.
- Vesely, D.G., J.C. Hagar, and D.G. Chiller. 1999. Survey of Willamette Valley oak woodland herpetofauna, 1997-1998. Report to Oregon Dept. of Fish and Wildlife, Corvallis, OR.
- Vitousek, P. M., H. A. Mooney, J. Lubchenco, and J. M. Melillo. 1997. "Human Domination of Earth's Ecosystems." *Science* 277:494-499.
- Walker, B. 1995. "Conserving Biological Diversity Through Ecosystem Resilience." *Conservation Biology* 9(4):747-752.
- Wallis 1960 = Willis, R. A., M. D. Collins, and R. E. Sams. 1960. Environmental survey report pertaining to salmon and steelhead in certain rivers of Eastern Oregon and the Willamette River and its tributaries - Part II, Survey reports of the Willamette River and its tributaries. U.S. Fish and Wildlife Service and Bureau of Commercial Fisheries, Contract 14-17-001-178. 554 p. + appendices.
- Wallis, J. 1962. An evaluation of the Willamette River salmon hatchery. Oregon Fish Commission Research Laboratory, Clackamas, Oregon. 94 p.
- Wallis, J. 1963. An evaluation of the North Santiam River salmon hatcheries. Oregon Fish Commission Research Laboratory, Clackamas, Oregon. 66 p.
- Wallis, J. 1961. An evaluation of the McKenzie River Salmon Hatchery. Oreg. Fish Comm. Res. Lab. Rep. Clackamas, OR. 56p.
- Wallis, J. 1963a. An evaluation of the Big Creek Salmon Hatchery. Ore. Fish Comm. Res. Lab. Rep. 64 p.
- Wallis, J. 1963b. An evaluation of the Klaskanine Salmon Hatchery. Ore. Fish Comm. Res. Lab. Rep. 83 p.
- Wallis, J. 1963c. An evaluation of the North Santiam River Salmon Hatcheries. Ore. Fish Comm. Res. Lab. Rep. 66 p.

- Wallis, J. 1966. An evaluation of the North Santiam River Salmon Hatcheries. Oreg. Fish Comm. Res. Lab. Rep., 66 p.
- Wallis, J. 1966. An evaluation of the Sandy River Salmon Hatchery. Ore. Fish Comm. Res. Lab. Rep. 76 p.
- Ward, D.L. and A.A. Nigro. 1992. "Differences in Fish Assemblages among Habitats Found in the Lower Willamette River, Oregon—Application of and Problems with Multivariate Analysis." *Fisheries Research* 13:119–132.
- Washington Dept. of Fish and Wildlife. 1995. Priority Habitat Management Recommendations: Riparian. Washington Dept. of Fish and Wildlife, Olympia, WA.
- Washington Forest Practices Board. 1995. *Standard Methodology for Conducting Watershed Analysis under 222-22 WAC Version 3.0 Manual*. Washington Department of Natural Resources, Forest Practices Division, Olympia, WA.
- Wentz, D. A., B. A. Bonn, K. D. Carpenter, S. R. Hinkle, M. L. Janet, F. A. Rinella, M. A. Ulrich, I. R. Waite, A. Laenen and K. E. Bencala. 1998. Water quality in the Willamette basin, Oregon, 1991-95. USGS Circular 1161.
- Waite, A. Laenen and K. E. Bencala. 1998. Water Quality in the Willamette Basin, Oregon, 1991-95. USGS Circular 1161. 34 p.
- WCS BRT (West Coast Salmon Biological Review Team). 2003. Preliminary conclusions regarding the updated status of listed ESUs of West Coast salmon and steelhead. Draft released for co-manger review. Feb. 2003. 448 p.
- West Coast Salmon Biological Review Team (WCS BRT). 2003. Preliminary conclusions regarding the updated status of listed ESUs of West Coast salmon and steelhead. Draft released for co-manager review. Feb. 2003. 448 p.
- Wevers M, D Nemeth, J Haxton, S Mamoyac. 1992. Coast Range Subbasin Fish Management Plan. Oregon Department of Fish & Wildlife, Northwest Region, Corvallis, OR.
- Wevers, M. J., J. Wetherbee, and W. Hunt. 1992. Santiam and Calapooia subbasin fish management plan. Oregon Department of Fish and Wildlife, Portland, Oregon.
- Weyerhaeuser (Weyco). 1994. Lower McKenzie River Watershed Analysis. Weyerhaeuser Corporation. Springfield, OR.
- White, D., P. Haggerty, J. Baker, and P. Adamus. 2002. Terrestrial wildlife -- habitat and biodiversity. pp. 124-125 in Willamette River Basin Planning Atlas: trajectories of environmental and ecological change (Hulse et al., eds.). Oregon State University Press, Corvallis, OR.
- Whittaker, R. H. 1975. Communities and Ecosystems. 2nd edition. Macmillan, New York.
- Wiens, J. A. 1989. "Spatial Scaling in Ecology." Functional Ecology 3:385-397.
- Wiley, Pam. 2002. No Place For Nature. Oregon Biodiversity Partnership.
- Wiley, P. and J. F. Kagan. 2004. Draft Report and Recommendations:

- Oregon Watershed Enhancement Board Land Acquisition Priorities. Unpublished Report, Oregon Watershed Enhancement Board, Salem, Oregon.
- Wilkes, C. 1845. Narrative of the United States Exploring Expedition During the Years, 1838, 1839, 1840, 1841, 1842. Lea and Blanchard, Philadelphia, PA.
- Willamette Basin Task Force. 1969. Willamette Basin comprehensive study: Water and related land resources: Appendix D fish and wildlife. Pacific Northwest River Basins Commission, Vancouver, Washington. Willamette Basin. Willamette Basin Review. A report to the Outline - Schedule Team of the Willamette Basin Task Force. Oregon State Game Comm., Portland, OR. 161 pp.
- Willamette Restoration Initiative. 2001. Willamette Restoration Strategy.
- Willamette Restoration Initiative (WRI). 2002. Willamette Subbasin Summary for Northwest Power Planning Council, Portland Oregon.
- Willamette River spring Chinook salmon in regards to the federal Endangered Species Act, Part 2. Prepared by S.P. Cramer and Associates, Inc. for Portland General Electric Company, Portland, and Eugene Water and Electric Board, Eugene, Oregon.
- Willamette Valley Livability Forum. 1999. Choices for the Future: The Willamette Valley.
- Willis, C.F., S.P. Cramer, D. Cramer, M. Smith, T. Downey, and R. Montagne. 1995. Status of Willamette River spring Chinook salmon in regards to the federal Endangered Species Act, Part 1. Prepared by S.P.
- Cramer and Associates, Inc. for Portland General Electric Company, Portland, and Eugene Water and Electric Board, Eugene, Oregon.
- Willis, C.F., S.P. Cramer, D. Cramer, M. Smith, T. Downey, and R. Montagne. 1995. Status of Willamette River spring chinook salmon in regards to the Federal Endangered Species Act. Part 1. Portland General Electric Company and Eugene Water and Electric Board, 74p. (Available from S.P. Cramer & Associates, Inc., 300 S. E. Arrow Creek Lane, Gresham, OR 97080)
- Willis, R. A., M. D. Collins, and R. E. Sams. 1960. Environmental survey report pertaining to salmon and steelhead in certain rivers of Eastern Oregon and the Willamette River and its tributaries - Part II, Survey reports of the Willamette River and its tributaries. U.S. Fish and Wildlife Service and Bureau of Commercial Fisheries, Contract 14-17-001-178. 554 p. + appendices.
- Willson, M. F., and K. C. Halupka. 1995. "Anadromous Fish as Keystone Species in Vertebrate Communities." *Conservation Biology* 9(3):489-497.
- Wilson, M.V. 1998a. Upland Prairie. In Willamette Basin Recovery Plan, Part I. Unpublished draft. US Fish & Wildlife Service, Portland, OR.
- Wilson, M.V. 1998b. Wet Prairie. In Willamette Basin Recovery Plan, Part I. Unpublished draft. US Fish & Wildlife Service, Portland, OR.

- Wimberley, M.C., T. Spies, C. Long and C. Whitlock. 2000. "Simulating historical variability in the amount of old forests in the Oregon Coast Range." *Conservation Biology*. 14: 1-13.
- Wimberly, M.C. 2002. "Spatial simulation of historical landscape patterns in coastal forests of the Pacific Northwest." *Canadian Journal of Forest Research* 32:1316-1328.
- Wissmar, R. C., and C. A. Simenstad. 1998. "Variability of Riverine and Estuarine Ecosystem Productivity for Supporting Pacific Salmon." Pages 253-301 in G. R. McMurray and R. J. Bailey, editors, Change in Pacific Northwest Coastal Ecosystems. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Silver Springs, MD.
- WLC-TRT. 2003a. Oregon Lower Columbia River Chinook population status data report. NOAA Fisheries, Lower Columbia River Technical Review Team, Seattle, WA
- WLC-TRT. 2003b. Oregon Lower Columbia River Coho population status data report. NOAA Fisheries, Lower Columbia River Technical Review Team, Seattle, WA
- WLC-TRT. 2003c. Oregon lower Columbia River steelhead population status data report. NOAA Fisheries, Lower Columbia River Technical Review Team, Seattle, WA
- WNF (Willamette National Forest). 1995. Upper McKenzie Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF BRRD (Willamette National Forest, Blue River Ranger District). 1994. South Fork McKenzie River Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF BRRD (Willamette National Forest, Blue River Ranger District). 1996. Blue River Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF DRD (Willamette National Forest, Detroit Ranger District). 1994. Blowout Creek Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF DRD (Willamette National Forest, Detroit Ranger District). 1995. Upper North Santiam River Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF DRD (Willamette National Forest, Detroit Ranger District). 1996. Breitenbush River Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF DRD (Willamette National Forest, Detroit Ranger District). 1997. Detroit Reservoir Tributaries Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF MRD (Willamette National Forest, McKenzie Ranger District). 1995. Upper McKenzie Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF MRD (Willamette National Forest, McKenzie Ranger District). 1997. Horse Creek Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF MRD (Willamette National Forest, McKenzie Ranger District). 2004. Environmental Assessment: Upper McKenzie River Aquatic Restoration Project. Willamette National Forest Supervisor's Office, Eugene, OR.

- WNF SHRD (Willamette National Forest, Sweet Home Ranger District). 1995. South Santiam Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- WNF SHRD (Willamette National Forest, Sweet Home Ranger District). 1996. Middle Santiam
- Watershed Analysis. Willamette National Forest Supervisor's Office, Eugene, OR.
- Wyatt, B. 1959. Observations on the movements and reproduction of the Cascade form of cutthroat trout. M.S. thesis, Oregon State College, Corvallis, Oregon. 60 p.
- Yamhill Basin Council. 1999a. Mill Watershed Assessment. McMinnville, OR.
- Yamhill Basin Council. 1999b. Willamina Watershed Assessment. McMinnville, OR.
- Yamhill Basin Council. 2000a. Lower South Yamhill/Deer Creek Watershed Assessment. McMinnville, OR.
- Yamhill Basin Council. 2000b. North Yamhill Watershed Assessment. McMinnville, OR.
- Yamhill Basin Council. 2001a. Chehalem Creek Watershed Assessment. McMinnville, OR.
- Yamhill Basin Council. 2001b. Lower Yamhill Watershed Assessment. McMinnville, OR.
- Yamhill Basin Council. 2001c. Salt Creek Watershed Assessment. McMinnville, OR.
- Yamhill Basin Council. 2002a. Upper South Yamhill Watershed Assessment. McMinnville, OR.
- Zakel, J. C. and D. W. Reed. 1984. Downstream migration of fish at Leaburg Dam, McKenzie River,
- Oregon, 1980 to 1983. Information Report 84-13. Oregon Department of Fish and Wildlife, Fish Research and Development Section, Corvallis, OR.
- Ziemer, R. R., and T. E. Lisle. 2001. Hydrology. Pp. 43-68 in R. J. Naiman and R. E. Bilby, editors. River ecology and management: Lessons from the Pacific Coastal ecosystem. Springer-Verlag, New York.
- Ziller et al. 2002 = Ziller 2002. Adult chinook releases in the McKenzie and Middle Fork Willamette, 2002 summary. Meeting handout. Oregon Department of Fish and Wildlife, South Willamette Watershed District, Springfield. November 5.
- Ziller, Jeff. 2002. Personal Communication. Oregon Department of Fish & Wildlife.