

8 References

- Agee, J.K. 1993. Fire ecology of Pacific Northwest forests. Island Press, Washington, D.C.
- Altman, B. 2000. Conservation strategy for landbirds of the east-slope of the Cascade Mountains in Oregon and Washington. Oregon-Washington Partners in Flight.
- Anderson, M., P. Bourgeron, M.T. Bryer, R. Crawford, L. Engelking, D. Faber-Langendoen, M. Gallyoun, K. Goodin, D.H. Grossman, S. Landaal, K. Metzler, K.D. Patterson, M. Pyne, M. Reid, L. Sneddon, and A.S. Weakley. 1998. International classification of ecological communities: terrestrial vegetation of the United States. Volume II. The National Vegetation Classification System: list of types. The Nature Conservancy, Arlington, VA.
- APRE Report. 2004. www.nwcouncil.org.
- Atzet, T., and D.L. Wheeler. 1984. Preliminary plant associations of the Siskiyou Mountains Province, Siskiyou National Forest. U.S. Forest Service, Pacific Northwest Region, Portland, OR.
- Bair, B., D. Grover, and P. Powers. 2002. Effects of the Proposed Condit Dam Removal on Fish.
- Bair, Brian. 1994. U.S Forest Service. TAC input.
- Barnum, D.A. 1975. Aspects of western gray squirrel ecology. M.S. Thesis, Washington State University, Pullman. WA.
- Barrett, R.H. 1980. Mammals of California oak habitats -- management implications. Pages 275-291 in T. R. Plumb, tech. coor. Ecology, management, and utilization of California oaks. U.S. For. Serv. Gen. Tech. Rep. PSW-44.
- Beaverton and Holt 1957 – Beverton, R.J.H. and J.S. Holt. 1957. On the dynamics of exploited fish populations. Fisheries Investment Series 2, Vol. 19 U.K. Ministry of Agriculture and Fisheries, London
- Behenke, R.J. 1992. Native trout of western North America. American Fisheries Society Mongraph 6. 275pp.
- Bilby, R.E., B.R. Franzen, and P.A. Bisson. 1996. Incorporation of nitrogen and carbon from spawning coho salmon into the trophic system of small streams: evidence from stable isotopes. Can. J. Fish. Aquat. Sci. 53:164-173.
- Bilby, R.E., B.R. Franzen, P.A. Bisson, and J.W. Walter. 1998. Response of juvenile coho salmon (*Oncorhynchus kisutch*) and steelhead (*Oncorhynchus mykiss*) to the addition of salmon carcasses to two streams in Southwestern Washington, USA. Can. J. Fish. Aquat. Sci. 55:1909-1918.
- Bjornn, T.C., and D.W. Reiser. 1991. Habitat requirements of salmon in streams. P 83-138. In W.R. Meehan (editor). Influences of forest and rangeland management on salmonid fishes and their habitats. American Fisheries Society Special Publication 19. 751pp.
- Bock, C.E. 1970. The ecology and behavior of the Lewis woodpecker (*Asyndesmus lewis*). Univ. Calif. Publ. Zool. 91.
- Booth, E.S. 1947. Systematic Review of the Land Mammals of Washington. Ph.D. Diss., State Coll. Wash. (WSU), Pullman, WA.
- Boyce, M.S. 1981. Habitat ecology of an unexploited population of beavers in interior Alaska. Pages 155-186 in J. A. Chapman and D. Pursley, eds. - Worldwide Furbearer Conf. Proc. Vol. I.
- Bradt, G.W. 1947. Michigan beaver management. Mich. Dept. Conserv., Lansing, MI.
- Burgner, R.L, J.T. Light, L. Margolis, T. Ohazaki, A. Tautz, and S. Ito. 1992. Distribution and origins of steelhead trout (*Oncorhynchus mykiss*) in offshore waters of the North American Pacific Ocean. International North Pacific Fisheries Commission. Bulletin 51, Vancouver, Canada. 92pp.
- Bury, R.B. 1979. Population ecology of freshwater turtles. Pages 571-602 In M. Harless and H. Morlock (eds.) Turtles: Research and Perspectives. J. Wiley and sons, NY.

- Busby, P. J., T. C. Wainwright, G. J. Bryant, L. J. Lierheimer, R. S. Waples, F. W. Waknitz, and I. V. Lagomarsino. 1996. Status review of west coast steelhead from Washington, Idaho, Oregon, and California. U.S. Dep. Commer., NOAA Tech. Memo. NMFS- NWFSC-27, 261 p.
- Buss, I.O. 1965. Wildlife ecology. Washington State University. Pullman, WA.
- Campbell, R.W., N.K. Dawe, I. McTaggart-Cowan, J.M. Cooper, G.W. Kaiser [and there may be other authors]. In press [this is now published] The birds of British Columbia. Volume 4. Royal British Columbia Museum, Victoria, British Columbia.
- Caulfield, J.D. & Associates. 1984. Irrigation Screening Needs on Big White Salmon River Above Condit Dam. WASC-84-00074. NOAA, NMFS. Portland, OR.
- Cederholm, 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. Percy, C.A. Simenstad, and P.C. Trotter. 2000. Pacific Salmon and Wildlife – Ecological Contexts, Relationships, and Implications for Management. Special Edition Technical Report, Prepared for D.H. Johnson and T.A. O’Neil (Manag. Dirs.), Wildlife-Habitat Relationships in Oregon and Washington. Washington Department of Fish and Wildlife, Olympia, WA.
- Champion Pacific Timberlands Inc. 1997. Panikanic Watershed Analysis. Western Watershed Analysis, Lewiston, ID.
- Chapman 1986. Chapman, D. 1986. Salmon and steelhead abundance in the Columbia River in the Nineteenth Century. Transactions of the American Fisheries Society. 115: 662-670.
- Chapman et al. 1990. Evaluation of introduction of anadromous salmonids upstream from Condit Dam in the White Salmon River, Washington. Prepared for PacifiCorp Electric Operation by Don Chapman Consultants Inc. Boise, ID.
- Chasko, G.G., and J.E. Gates. 1982. Avian habitat suitability along a transmission-line corridor in an oak-hickory forest region. Wildl. Monogr. 82:1-41.
- Chilcote et al. 1986. Chilcote, M.W., S.A. Leider, and J.J. Loch. 1986. Differential reproductive success of hatchery and wild summer-run steelhead under natural conditions. Trans. Am. Fish. Soc. 115:726-735.
- Hulett et al. 1994. Hulett, P.L., C.W. Wagemann, and S.A. Leider. 1996. Studies of hatchery and wild steelhead in the lower Columbia region. Progress report for fiscal year 1995, report no. RAD 96-01.
- Chilcote, M. W. 2000. Conservation assessment of steelhead populations in Oregon. Oregon Department of Fish and Wildlife, Portland, Oregon. Unpublished.
- Coffin, Bengt. 1993. Water Quality Monitoring Results, White Salmon River Basin Assessment. Memo to district Ranger, USFS Mt. Adams RD. Trout Lake, WA.
- Collins, T. C. 1976b. Stream flow effects on beaver populations in Grand Teton National Park. Pages 349-352 in Proceedings of the First Conference - on Scientific Research in the National Parks, U.S. Dept. Int. Nat. Park Serv., Trans. Proc. Series 5. Vol. I.
- Collins, T.C. 1976a. Population characteristics and habitat relationships of beaver in Northwest Wyoming. Ph.D. Diss., Univ. Wyoming, Laramie [Abstract only, from Diss. Abst. Int. B Sci. Eng. 37(11):5459, 19771.
- Connel, D.L., G. Davis, S. McCormick, and C. Bushey. 1973. The hospitable oak: coordination guidelines for wildlife habitats, No. 3. California Reg., U.S. For. Serv.
- Conner, R.N., J.W. Via, and I.D. Prather. 1979. Effects of pine-oak clearcutting on winter and breeding birds in southwestern Virginia. Wilson Bull. 92:301-306.
- Connolly, P. editor. 2003. Assess Current and Potential Salmonid Production in Rattlesnake.
- Connolly, Pat. 1994. US. Geological Survey. TAC input.

- Cooper, S.V., K.E. Neiman, and D.W. Roberts. 1991. Forest habitat types of northern Idaho: a second approximation. U.S. Forest Service, General Technical Report INT-236.
- Cornish, T.E., M.J. Linders, S.E. Little, and W.M. Vander Haegen. 2001. Notoedric mange in western gray squirrels from Washington. *Journal of Wildlife Diseases* 37:630-633.
- Cowan, B. 1999. WRIA 29 Salmonid Habitat Limiting Factors Analysis Report. Washington.
- Crawford, R.C., and H. Hall. 1997. Changes in the south Puget prairie landscape. Pages 107-122 In Dunn, P.V. and K. Ewing. 1997. *Ecology and Conservation of the South Puget Sound Prairie Landscape*. The Nature Conservancy, Seattle, WA.
- Cross, S.P. 1969. Behavioural aspects of western gray squirrel ecology. Ph.D. Dissertation. University of Arizona, Tucson, AZ.
- Daubenmire R.F., and J.B. Daubenmire. 1968. Forest vegetation of eastern Washington and northern Idaho. Technical Bulletin 60. Washington Agricultural Experiment Station, College of Agriculture, Washington State University, Pullman, WA.
- Denney, R.N. 1952. A summary of North American beaver management. 1946-1948. Colo. Fish Game Dept. Rep. 28, Colo. Div. Wildl.
- Detling, L.E. 1968. Historical background of the flora of the Pacific Northwest. *Mus. Nat. Hist. Bull. No. 13*, Univ. Oregon, Eugene, OR.
- Diem, K.L., and S.I. Zeveloff. 1980. Ponderosa pine bird communities. Pages 170-194 in R. M. DeGraff and N. G. Tilghman (compilers). *Workshop Proceedings: Management of western forests and grasslands for nongame birds*. U.S. Dept. Agric., For. Serv. Gen. Tech. Rep. INT-86.
- Dugger, Carl. 1994. Washington Department of Fish and Wildlife. TAC input.
- Envirovision and Watershed Professionals Network. 2003. Water Resource Inventory Area 29. Level I Technical Assessment. Prepared for WRIA 29 Planning Unit.
- Fischer, W.C., and A.F. Bradley. 1987. Fire Ecology of western Montana forest habitat types. USDA Forest Service, Intermountain Forest and Range Research Station, General Technical Report, INT-223.
- Fonttenot, L.W., G.P. Noblet, and S.G. Platt. 1994. Rotenone hazards to amphibians and reptiles. *Herpetol. Rev.* 25:150-153, 156.
- Foster, S.A. 1992. Studies of ecological factors that affect the population and distribution of the western gray squirrel in northcentral Oregon. *From Where?*
- Frankel, O.H., and M.E. Soulé. 1981. *Conservation and Evolution*. Cambridge Univ. Press, London.
- Franklin, J.F., and C.T. Dyrness. 1973. *Natural vegetation of Oregon and Washington*. U.S. Pacific Northwest Forest and Range Experiment Station, General Technical Report. PNW-8, Portland, OR.
- Galen, C. 1989. A preliminary assessment of the status of the Lewis' woodpecker in Wasco County, Oregon. *Oreg. Dept. Fish and Wildl., Nongame Wildl. Prog. Tech. Rep.* 88-3-01.
- Gilligan, J., D. Rogers, M. Smith, and A. Contreras. 1994. *Birds of Oregon*. Cinclus Publishers, McMinnville, OR.
- Gilman, K.N. 1986. The Western Gray Squirrel (*Sciurus griseus*): Its Summer Home Range, Activity Times, and Habitat Usage in Northern California. M.S. Thesis, California State Univ., Sacramento, CA.
- Gorge Scenic Area. 2004. The Columbia River Gorge National Scenic Area. <http://www.fs.fed.us/r6/columbia/forest>.
- GORP. 2004. <http://gorp.away.com/index.html>.
- Gumtow-Farrior, D.L. 1991. Cavity resources in Oregon white oak and Douglas-fir stands in the mid-Willamette Valley, Oregon. M.S. Thesis, Oregon State Univ., Corvallis, OR.

- Habeck, J.R. 1990. Old-growth Ponderosa pine-western larch forests in western Montana: ecology and management. *The Northwest Environmental Journal*. 6: 271-292.
- Hansen, B. 2002. A description of the North American Migration Count, Website: <http://www.wvi.com/~bhansen/namcdesc.htm>. Haring, Don. 2003 Addendum to Wind/White Salmon Water Resource Inventory Area 29. Salmonid Habitat Limiting Factors Analysis. Originally Issued July 1999. Washington Conservation Commission. Olympia, WA.
- Haring, Donald. 2003. Addendum to Wind/White Salmon Water Resource Inventory Area 29, Salmonid Habitat Limiting Factors Analysis, (Originally issued July 1999) White Salmon River Watershed. Washington Conservation Commission.
- Hatchery Genetic Management Plan. No date. www.nwccouncil.org.
- Haufler, J. 2002. Planning for species viability: Time to shift from a species focus. Presented at the Northwestern Section Meeting: The Wildlife Society. Spokane, WA.
- Hayes et al. 1999
- Hayes, M.P. 1994a. The spotted frog (*Rana pretiosa*) in western Oregon. Ore. Dept. Fish Wildl. Tech. Rept. #94-1-01. Unpubl. Rept.
- Hayes, M.P. 1994b. Current status of the spotted frog (*Rana pretiosa*) in western Oregon. Or. Dept. Fish Wildl. Unpubl. Rept.
- Hayes, M.P. 1997. Status of the Oregon spotted frog (*Rana pretiosa sensu stricto*) in the Deschutes Basin and selected other systems in Oregon and northeastern California with a rangewide synopsis of the species' status. Final report prepared for The Nature Conservancy under contract to the US Fish and Wildlife Service, Portland, OR.
- Hays, D.W., K.R. McAllister, S. A. Richardson, and D. W. Stinson. 1999. Washington state recovery plan for the western pond turtle. Wash. Dept. Fish and Wild., Olympia, WA.
- Healey, M.C. 1991. The life history of chinook salmon (*Oncorhynchus tshawytscha*). In C. Groot and L. Margolis (eds.), *Life history of Pacific salmon*, p. 311-393. Univ. B.C. Press, Vancouver, B.C.
- Hennelly, L., S. DeLaere, and S. Jacobsen. 1994. White Salmon River Stream Survey Report. Prepared for Underwood Conservation District, White Salmon, WA.
- Hennelly, Leslie. 1994. White Salmon River Stream Survey Report. Underwood Conservation District. White Salmon, WA.
- Hillis, J.M., V. Applegate, S. Slaughter, M.G. Harrington, and H. Smith. 2000. Simulating historical disturbance regimes and stand structures in old-forest ponderosa pine/Douglas-fir forests. In: *Proceedings of the 1999 National Silvicultural Workshop*. USDA Forest Service. RMRS-P-19: 32-39.
- Hodgdon, H.W., and J.H. Hunt. 1953. Beaver management in Maine. Maine Dept. Inland Fish Game, Game Div. Bu 11. 3.
- Holland, D.C. 1991a. Status and reproductive dynamics of a population of western pond turtles (*Clemmys marmorata*) in Klickitat County, Washington in 1990. Unpubl. Rep. Wash. Dept. Wildl., Olympia, WA.
- Holland, D.C. 1991b. A synopsis of the ecology and current status of the western pond turtle (*Clemmys marmorata*) in 1991. Unpubl. Rep. U.S. Fish and Wildl. Serv., Natl. Ecol. Res. Center, Fort Collins, CO.
- Holland, D.C. 1994. The Western Pond Turtle: habitat and history. Final Report. DOE/BP-62137-1. Bonneville Power Administration, U. S. Dept. of Energy, and Wildlife Diversity Program, Oregon Dept. of Fish and Wildlife, Portland, OR.
- Holland, D.C., and R.B. Bury. 1998. *Clemmys marmorata* (Baird and Girard 1852) Western Pond Turtle. In P.C.H. Pritchard and A. G. J. Rhodin (eds.) *The Conservation Biology of Freshwater Turtles*. Chelonian Research Monographs 2(2).

- Hunn, E.S. 1990. Nch'I-Wána, "The Big River": Mid-Columbia Indians and Their Land. University of Washington Press, Seattle, WA.
- Hutto, R.L. and J.S. Young. 1999. Habitat relationships of landbirds in the Northern Region, USDA Forest Service. USDA Forest Service General Technical Report RMRS-GTR-32.
- IBIS (Interactive Biodiversity Information System). .2003. Website created by the Northwest Habitat Institute for Subbasin Planning: <http://www.nwhi.org/ibis/subbasin/home.asp>.
- Ingles, L.G. 1947. Ecology and life history of the California gray squirrel. California Fish and Game Bulletin. 33:139-157.
- Jackman, S.M. 1975. Woodpeckers of the Pacific Northwest: their characteristics and their role in the forests. M.S. Thesis, Oregon State Univ., Corvallis, OR.
- Jenkins, S.H., and P.E. Busher. 1979. Castor canadensis. Am. Sot. Mammal, New York. Mammalian Species 120:1-8.
- JNRC. 1999. Joint Natural Resources Council. 1999. Draft statewide strategy to recover salmon: Extinction is not an option. State of Washington: Governor's Salmon Recovery Office. Olympia, WA.
- Johnson, D.H. and T.A. O'Neil. 2001. Wildlife-habitat relationships in Oregon and Washington. Oregon State Univ. Press, Corvallis, OR.
- Johnson, R.E., and K.M. Cassidy. 1997. Mammals of Washington State: Location data and predicted distributions. Volume 3 in Washington State Gap Analysis – Final Report (K.M. Cassidy, C.E. Grue, M.R. Smith, and K.M. Dvornich, eds.). Washington Cooperative Fish and Wildlife Research Unit, University of Washington, Seattle, WA.
- Karr, J.R. and E.W. Chu. 1999. Restoring Life in Running Waters: Better Biological Monitoring. Island Press, Washington, D.C.
- Kassler et al. 2003. Kassler, T., D. Rawding, and J.B. Shaklee. 2003. Genetic analysis of steelhead in Columbia River fisheries. Washington Department of Fish and Wildlife. Draft manuscript.
- Kelly Harlan, PSMFC, pers. comm.
- Kelly Harlan, PSMFC, pers. comm.,
- Knutson, K.L. and V.L. Naef. 1997. Management recommendations for Washington's priority habitats: riparian. Wash. Dept. Fish and Wildl., Olympia, WA.
- Lambeck, R.J. 1997. Focal species: a multi-species umbrella for nature conservation. Cons. Biol. 11(4):849-856.
- Lampman, B.H. 1946. The coming of the pond fishes. Binford and Mort, Portland, OR.
- Lane and Lane Associates with Douglas Nash. 1981. The White Salmon River Indian Fisheries and Condit Dam. Prepared for the Bureau of Indian Affairs, Portland, OR.
- Larsen, E.M., and J.T. Morgan. 1998. management recommendations for Washington's priority habitats: Oregon white oak woodlands. Wash. Dept. Fish and Wildl., Olympia, WA.
- Leider, S.A., P.L. Hulett, J.J. Loch, and M.W. Chilcote. 1990. Electrophoretic comparison of the reproductive success of naturally spawning transplanted and wild steelhead trout through the returning adult stage. Aquaculture 88:239-252.
- LeMier, E. H. and W. E. Smith. 1955. Biological Appraisal of the Big White Salmon River. USFWS. Washington, D.C.
- Leonard, W. P. 1997. Oregon spotted frog (*Rana pretiosa*) monitoring at Trout Lake Natural Area Preserve and vicinity, Klickitat and Skamania Counties, Washington. Unpubl. Rept., Wash. Natur. Her. Prog., Wash. Dept. Natur. Res., Olympia, WA.
- Leonard, W. P., L. Hallock, and K. R. McAllister. 1997a. Behavior and reproduction - *Rana pretiosa* (Oregon spotted frog). Herp. Rev. 28(2):28.

- Leonard, W.P., H.A. Brown, L.L.C. Jones, K.R. McAllister, R.M. Storm. 1993. Amphibians of Washington and Oregon. The Trailside Series. Seattle Audubon Society, Seattle, WA.
- Lestelle, L.C., L.E. Mobernd, J.A. Lichatowich, and T.S. Vogel. 1996. Applied ecosystem analysis--a primer, EDT: the ecosystem diagnosis and treatment method. Project No. 9404600. Prepared for: Bonneville Power Administration, Portland, Oregon.
- Lewis, J.C., M. Whalen, and E.A. Rodrick. 2002. Washington Department of Fish and Wildlife's priority habitat and species management recommendations Volume IV: Birds. Lewis' Woodpecker (*Melanerpes lewis*).
- Lichatowich and Mobernd 1995 – Lichatowich, J. and L. Mobernd. Analysis of Chinook Salmon in the Columbia River from an Ecosystem Perspective. Bonneville Power Administration. Project No. 9404600. Contract No. 94 AM 33243.
- Licht, L.E. 1969b. Comparative breeding behavior of the red-legged frog (*Rana aurora aurora*) and the western spotted frog (*Rana pretiosa pretiosa*) in southwestern British Columbia. *Can. J. Zool.* 47:1287-1299.
- Licht, L.E. 1974. Survival of embryos, tadpoles, and adults of the frogs *Rana aurora aurora* and *Rana pretiosa pretiosa* sympatric in southwestern British Columbia. *Can. J. Zool.* 52:613- 627.
- Linders, M.J. 2000. Spatial ecology of the western gray squirrel in Washington: The interaction of season, habitat and home range. M.S. Thesis. Univ. of Washington, Seattle, WA.
- Longley, W.H., and J.B. Moyle. 1963. The beaver in Minnesota. *Minn. Dept. Conserv. Tech. Bull.* 6.
- Losensky, B. J. 1993. Historical vegetation in Region One by climatic section. Unpublished report. Available at Lolo National Forest, Missoula, MT.
- Lowther, P. E., C. Celada, N. K. Klein, C. C. Rimmer, and D. A. Spector. 1999. Yellow Warbler *Dendroica petechia*. Pages 1-32 in Poole, A. and F. Gill (editors), *The birds of North America*, No. 454. The Birds of North America, Inc., Philadelphia, PA.
- Lyons C.P., and B. Merilees. 1995. *Trees, Shrubs and Flowers to Know in Washington and British Columbia*. Lone Pine Publishing, Vancouver, British Columbia.
- Manuwal D.A. 1989. Birds of the riparian and adjacent oak habitats along the Klickitat River, Washington. Final Report. Washington Department of Wildlife, Vancouver, WA.
- Marshall, A., C. Smith, R Brix, W. Dammers, J. Hymer, and L. LaVoy. 1995. Genetic diversity units and major ancestral lineages for chinook salmon in Washington. In: Busack, C., and J.B. Shaklee (eds) *Genetic diversity units and major ancestral lineages of salmonid fishes in Washington*. WDFW Technical Report #RAD 95-02, Olympia, WA.
- Mathews, Jim. 1992. Eastern Washington Stream Temperatures and Variables Influencing Them. YIN - TFW Program. Toppenish WA.
- McAllister, K. R. and W.P. Leonard. 1997. Washington State status report for the Oregon Spotted Frog. Wash. Dept. Fish and Wildl., Olympia, WA.
- McCoid, J.M. and P. W. Bettoli. 1996. Additional evidence for rotenone hazards to turtles and amphibians. *Herpetol. Rev.* 27(2):70-71.
- Miller, H.A. 1985. Oregon white oak. Pages 275-278 In H. A. Miller and S. H. Lamb., eds. *Oaks of North America*. Naturegraph Publ., Happy Camp, CA.
- Mobernd, L., and 10 others. 1995. Grande Ronde model watershed ecosystem diagnosis and treatment. Final Report, Project number 94-030, Bonneville Power Administration, Portland, Oregon.
- Mobernd, L., and L. Lestelle. 1997. Application of the ecosystem diagnosis and treatment method to the Grande Ronde model watershed project. Final Report. Project No. 94AM33243. Prepared for: Bonneville Power Administration, Portland, Oregon.

- Mobrand, L., L. Lestelle, and G. Blair. 1998. Habitat – Coho production model project. Mobrand Biometrics Inc. for Northwest Indian Fisheries Commission. Olympia, WA.
- Montgomery, D.R., and J.M. Buffington. 1993. Channel classification, prediction of channel response, and assessment of channel condition. Report TFW-SH10-93-002 prepared for the SHAMW committee of the Washington State Timber/Fish/Wildlife Agreement.
- Morris, Greg. 1994. Yakama Nation. TAC input.
- Murray, D.F. 1961. Some factors affecting the production and harvest of beaver in the upper Tanana River Valley, Alaska. M.S. Thesis, Univ. Alaska, Anchorage, AK.
- Myers, J., C. Busack, D. Rawding, A. Marshall. 2003. Historical population structure of Willamette and Lower Columbia River Basin Pacific Salmonids. National Marine Fisheries Service. Seattle, WA.
- Nehlsen, W., J.E. Williams, and J.A. Lichatowich. 1991. Pacific salmon at the crossroads: stocks at risk from California, Oregon, Idaho, and Washington. *Fisheries* 16:4-21.
- Nichelson, T.E., M.F. Solazzi, S.L. Johnson, and J.D. Rogers. 1992. An approach to determining stream carrying capacity and limiting habitat for Coho Salmon (*Oncorhynchus kisutch*). Pages 251-260 In L. Berg and P.W. Delaney, editors. *Proceedings of the Coho Workshop*, Nanaimo, B.C., May 26-28, 1992.
- Nixon, C.M., and J. Ely. 1969. Foods eaten by a beaver colony in southeastern Ohio. *Ohio J. Sci.* 69(5):313-319.
- NMFS (National Marine Fisheries Service). 2000b. Biological opinion and incidental take statement on 2000 Treaty Indian and non-Indian fall season fisheries in the Columbia River Basin. Seattle, Washington.
- NMFS (National Marine Fisheries Service). 2002a. Biological opinion on effects of Pacific Coast ocean and Puget Sound fisheries during the 2000-2001 annual regulatory cycle. Seattle, Washington.
- NMFS (National Marine Fisheries Service). 2002c. Biological opinion on impacts of Treaty Indian and non-Indian year 2000 winter, spring, and summer season fisheries in the Columbia River basin, on salmon and steelhead listed under the Endangered Species Act. Seattle, Washington.
- NMFS (National Marine Fisheries Service). 1996a. Coastal salmon conservation: working guidance for comprehensive salmon restoration initiatives on the Pacific coast. National Marine Fisheries Service, Seattle, Washington.
- NMFS (National Marine Fisheries Service). 1996a. Factors for decline: a supplement to the notice of determination for west coast steelhead under the Endangered Species Act. Environmental and Technical Services, Portland, OR.
- NOAA. 2004. <http://www.nwr.noaa.gov/1salmon/salmesa/pubs/1pgr.pdf>
- Norman 1982. – Norman, G. 1982. Population estimates of naturally spawning adult and jack fall chinook on the Wind, Big White Salmon and Klickitat Rivers, 1964-81. Battle Ground, WA.
- Noss, R.F., E. T. LaRoe III, and J. M. Scott. 1995. *Endangered Ecosystems of the United States: A Preliminary Assessment of Loss and Degradation*. Biological Report 28. U.S. Department of the Interior, National Biological Service, Washington D.C.
- NRC 1996 – NRC 1996. *Upstream: salmon and society in the Pacific Northwest*. Report of the Committee on Protection and Management of Pacific Northwest Anadromous Salmonids. Natural Resource Council, National Academy Press, Washington D.C.
- NWPPC (Northwest Power Planning Council). 1994. *The Columbia Basin Fish and Wildlife Program*. No. 94-55. Portland, Oregon.
- NWPPC. 2001. *Technical guide for subbasin planners*. Council Document 2001-20.
- O'Connell, M.A., J.G. Hallet and S.D. West. 1993. *Wildlife use of riparian habitats: A literature review*. TFW-WL1-93-001.

- PacifiCorp. 1990. Condit Hydro Project Water Quality Study – FERC Project No. 2342. PacifiCorp Electric Operations. Portland, OR.
- Peck, D.V., J.M. Lazorchak, and D.J. Klemm (editors). Unpublished draft. Environmental Monitoring and Assessment Program -Surface Waters: Western Pilot Study Field Operations Manual for Wadeable Streams. EPA/XXX/X-XX/XXXX. U.S. Environmental Protection Agency, Washington, D.C. 242p. 69
- Phelps et al. 1994. Phelps, S.R., B.M. Baker, P.L. Hulett, and S.A. Leider. 1994. Genetic analysis of Washington Steelhead: initial electrophoretic analysis of wild and hatchery steelhead and rainbow trout. Washington Department of Fish and Wildlife, Fish Management Program Report 96-9, Olympia, WA 63pp.
- Quigley, T.M., and S.J. Arbelbide, technical editors. 1997. An assessment of ecosystem components in the interior Columbia basin and portions of the Klamath and Great Basins. Volume 2. U.S. Forest Service General Technical Report PNW-GTR-405.
- Rawding D. 2001. Stock-recruitment of wild winter and summer steelhead in the Kalama River, Washington. Wash. Depart. of Fish and Wild. Vancouver, WA. Unpublished draft.
- Rawding, D. 1998. A methodology for estimating the adult winter steelhead sportfishing mortality in tributaries to the Lower Columbia River. Wash. Depart. of Fish and Wild. Vancouver, WA. Unpublished draft, 16pp.
- Rawding, D. 2004. Comparison of spawner-recruit data with estimates of Ecosystem Diagnosis and Treatment (EDT) spawner-recruit performance. Washington Department of Fish and Wildlife. Vancouver, WA.
- Rawding, D. 2000. Draft White Salmon River Subbasin Summary. Prepared for the Northwest Power Planning Council.
- Rawding, Dan. 2000. White Salmon River Subbasin Summary Draft. Prepared for the NPPC.
- Rawding, Dan. 2004. Personal communication.
- Reed, L.J., and N.G. Sugihara. 1987. Northern oak woodlands -- ecosystem in jeopardy or is it already too late? Pages 59-63 in T. R. Plumb and N. H. Pillsbury, tech. coords. Proc. symposium on multiple-use of California's hardwood resources. U.S. For. Serv. Gen. Tech. Rep. PSW-100.
- Reese, D.A., and H.H. Welsh. 1997. Use of terrestrial habitat by western pond turtles, *Clemmys marmorata*: implications for management. Pages 352-357 In J. Van Abbema (ed). Proceedings: Conservation, Restoration, and Management of Tortoises and Turtles--an International Conference. State University of New York, Purchase, New York, NY.
- Reeves, G.H., F.H. Everest, and T.E. Nickelson. 1989. Identification of physical habitats limiting the production of coho salmon in western Washington and Oregon. USDA Forest Service, Gen. Tech. Rep. PNW-GTR-245, Portland, OR. 18p.
- Retzer, J. L., H. M. Swope, J. O. Remington, and W. H. Rutherford. 1956. Suitability of physical factors for beaver management in the Rocky Mountains of Colorado. Colo. Dept. Game, Fish and Parks, Tech. Bull. 2:1-32.
- Roche, C.T., and B.F. Roche Jr. 1988. Distribution and amount of four knapweed (*Centaurea L.*) species in eastern Washington. Northwest Science 62:242-253.
- Rodrick, E.A, and R. Milner, eds. 1991. Management recommendations for Washington's priority habitats and species. Wash. Dept. Wildl., Olympia, WA.
- Rodrick, E.A. 1986. Survey of historic habitats of the western gray squirrel (*Sciurus griseus*) in the southern Puget Trough and Klickitat County, WA. Unpubl. report to Washington Dept. of Wildlife.
- Rolph, D.N. 1998. Assessment of Neotropical migrant landbirds on McChord Air Force Base, Washington. Unpubl. rep. The Nature Conservancy of Washington, Seattle, WA.

- Rood, S.B., and J.M. Mahoney. 1990. Collapse of riparian poplar forests downstream from dams in western prairies: probable causes and prospects for mitigation. *Environmental Management* 14:431-464.
- Rosgen, D.L. 1994. A classification of natural rivers. Elsevier Science, B.V. Amsterdam. *Catena* 22:169-199.
- Rue, L.E., III. 1964. *The world of the beaver*. J. B. Lippincott Co., Philadelphia and New York.
- Saab, V.A., and K.T. Vierling. 2001. Reproductive success of the Lewis' woodpecker in burned pine and cottonwood riparian forests. *The Condor* 103:491-501.
- Sandercock, F. K. 1991. Life history of coho salmon (*Oncorhynchus kisutch*). In C. Groot and L. Margolis (editors), *Pacific salmon life histories*, p. 396-445. Univ. British Columbia Press, Vancouver.
- Sauer, J.R., J.E. Hines, and J. Fallon. 2001. *The North American Breeding Bird Survey, results and analysis 1966 - 2000*. Version 2001.2, USGS Patuxent Wildlife Research Center, Laurel, MD.
- Scheffer, T.H. 1959. Field studies of the Garry oak in Washington. *Univ. Washington Arboretum Bull.* 22:88-89.
- Schroeder, R.L. 1982. Habitat suitability index models: Yellow warbler. U.S. Dept. Int., Fish Wildl. Serv. FWS/OBS-82/10.27.
- Scott, J. M. 1995a. Western pond turtle surveys in Klickitat County, 1984-1994. Unpubl. Rep. Washington Department of Fish and Wildlife, Olympia, WA.
- Scott, J. M. 1995b. Western pond turtle surveys in Skamania County, 1984-1994. Unpubl. Rep. Washington Department of Fish and Wildlife, Olympia, WA.
- Serl and Morrill 2001. Serl, J., and C. Morrill. 2001. Draft 2000 Annual Report for the Cowlitz Falls Project. Washington Department of Fish and Wildlife. Bonneville Power Administration. Contract No. 96BI92557.
- Sherwood et al. 1990. Historical changes in the Columbia River estuary. *Progress in Oceanography* 25:299-352.
- Shrier, Frank. 1994. PacifiCorp. Personal communication.
- Sieler and Neuhauser 1985. Seiler, D., and S. Neuhauser. 1985. Evaluation of downstream migrant passage at two dams: Condit Dam, Big White Salmon River, 1983 and 1984, Howard Hansen Dam, Green River 1984. Washington Department of Fisheries, Prog Report No. 235, Olympia, WA.
- Slough, B G., and R.S. Sadleir. 1977. A land capability classification system for beaver (*Castor canadensis* Kuhl). *Can. J. Zool.* 55(8):1324-1335.
- Smith, M.R., P.W. Mattocks, Jr., and K.M. Cassidy. 1997. Breeding birds of Washington State: Location data and predicted distributions. Volume 4 in *Washington State Gap Analysis – Final Report* (K.M. Cassidy, C.E. Grue, M.R. Smith, and K.M. Dvornich, eds.). Seattle Audubon Society Publications in Zoology No. 1, Seattle, WA.
- St. John, A. 2002. *Reptiles of the Northwest*. Lone Pine Publishing, Renton, WA.
- Stampfli, Steve. 1994. Underwood Conservation District. TAC input.
- Stampfli, Steve. 1994. White Salmon River Watershed – Basin Water Quality Investigation Report. Underwood Conservation District. White Salmon, WA.
- State of Washington. 1998. Lower Columbia steelhead conservation initiative. Draft, Olympia.
- Steele R., R.D. Pfister, R.A. Ryker, and J.A. Kittams. 1981. Forest habitat types of central Idaho. U.S. Forest Service, General Technical Report INT-114.
- Steele, R. 1988. Ecological relationships of ponderosa pine. In Baumgartner, D.M. and J.E. Lotan, comps. *Ponderosa pine: The species and its management: Symposium proceedings; 1987*

- September 29 - October 1; Spokane, WA. Pullman, WA: Washington State University, Cooperative Extension: 71-76.
- Stein, W. I. 1980. Oregon white oak 233. Pages 110-111 in F. H. Eyre, ed. Forest cover types of the United States and Canada. Soc. Amer. For., Washington D.C.
- Stepniwski, A. 1999. The Birds of Yakima County. Yakima Valley Audubon Society, Yakima WA.
- Swanson, F.J., and C.T. Dyrness. 1975. Impact of clearcutting and road construction on soil erosion by landslides in the western Cascade Range, Oregon. *Geology* 3:393-396.
- Swanson, F.J., L.E. Benda, S.H. Duncan, G.E. Grant, W.F. Megaham, L.M. Reid, and R.R. Zeimer. 1987. Mass failures and other processes of sediment production in Pacific Northwest forest landscapes. Pages 9-38 in E.O. Salo and T.W. Cundy, editors. *Streamside management: forestry and fisheries interactions*. College of Forest Resources Contribution No. 57, University of Washington, Seattle, WA.
- TAC 1996. Technical Advisory Committee. 1996. All Species Review: Columbia River Fish Management Plan.
- Tate, J., Jr. 1981. The Blue List for 1981. *Am. Birds* 35(1):3-10.
- Taylor, R. J., and T. R. Boss. 1975. Biosystematics of *Quercus garryana* in relation to its distribution in the state of Washington. *Northwest Science* 49:48-57.
- Taylor, R.J. 1992. *Sagebrush Country: A Wildflower Sanctuary*. Mountain Press Publishing Company, Missoula, MT.
- Temple, S. A. 1987. Predation on turtle nests increases near ecological edges. *Copeia* 1987:250-252.
- The Federal Caucus. 1999. Conservation of Columbia Basin Fish Draft. Hatcheries Appendix.
- Thomas, J. W. (ed.). 1979. Wildlife habitats in managed forests: the Blue Mountains of Oregon and Washington. *Agric. Handbook 553*. Washington D.C., U.S. Dept. Agric., For. Serv.
- Thomas, J.W., C. Maser, and J.E. Rodiek. 1979. Riparian zones. Pages 40-47 in: J.W. Thomas editor. *Wildlife habitats in managed forests: the Blue Mountains of Washington and Oregon*.
- Thomas, J.W., R. G. Anderson, C. Maser, and E. L. Bull. 1979a. Snags. Pages 60-77 in J. W. Thomas, tech. ed. *Wildlife habitats in managed forests: the Blue Mountains of Oregon and Washington*. U.S. Dept. Agric., For. Serv. *Agric. Handbook 553*.
- Tobalske, B.W. 1997. Lewis' woodpecker (*Melanerpes lewis*). Number 284 in A. Poole and F. Gill, editors. *The birds of North America*. Academy of National Science and American Ornithologists' Union, Philadelphia, PA.
- Uebelacker, M.L. 1985. *Time Ball: A Story of the Yakima People and Their Land*. Shields Bag and Printing Company, Yakima, WA.
- Underwood Conservation District. 1994. *White Salmon River Watershed – Basin Land Use Investigation Report*. Underwood Conservation District. White Salmon, WA.
- USDA – USFS et al. 1995. *Ecosystem Analysis at the Watershed Scale Version 2.2 (The Federal Guide for Watershed Analysis)*. Portland, OR.
- USDA (United States Food and Drug Administration) Forest Service. 2000. National Forest System land and resource management planning (36 CFR Parts 217 and 219). *Federal Register* 65:67514-67581.
- USDI National Park Service. 2003. *Fire Monitoring Handbook*. Boise (ID): Fire Management Program Center, National Interagency Fire Center. 274p.
- USFS (United States Forest Service). 1965. *Silvics of forest trees of the United States*. U.S. For. Serv. *Agric. Handb. No. 271*. Washington D.C.
- USFS. 1996. *Trout Lake Creek Watershed Analysis*. Mt Adams Ranger District, Trout Lake, WA.

- USFS. 1997. Cave-Bear Creeks Watershed Analysis. Mt Adams Ranger District, Trout Lake, WA.
- USFS. 1998. Upper White Salmon R Watershed Analysis. Mt Adams Ranger District, Trout Lake, WA.
- USFWS (United States Fish and Wildlife Service). 2004a. Federally Listed Species in Washington State, Website: http://ecos.fws.gov/tess_public/TESSWebpageUsaLists?usMap=1&status=listed&state=WA.
- USFWS (United States Fish and Wildlife Service). 2004b. Federally Threatened and Endangered Animals and Plants Website: <http://endangered.fws.gov/wildlife.htm>.
- VanderPloeg, S., B. Allen, and D. Rawding. 2004. Documentation used in the Ecosystem Diagnosis and Treatment Model (EDT) for the White Salmon Watershed. Washington Department of Fish and Wildlife. Vancouver, WA.
- Vierling, K.T. 1997. Habitat selection of Lewis' woodpeckers in southeastern Colorado. *Wilson Bull.* 109:121-130.
- Washington Natural Heritage Program (Washington State Department of Natural Resources). 2003. Website: <http://www.dnr.wa.gov/nhp/refdesk/plan/index.html>.
- Washington State Salmon Recovery Board. 2004. Field Sampling Protocols for effectiveness Monitoring of habitat restoration and acquisition projects. 70p.
- WCC. 1990. Don Chapman Consultants. 1990. Evaluation of Introduction of Anadromous Salmonids Upstream of Condit Dam in the White Salmon River, Washington. Prepared for PacifiCorp Electrical Operations, Portland, OR.
- WCC. 1999. Salmon and Steelhead Habitat Limiting Factors in WRIA 29.
- WDF et al. 1989. The White Salmon River anadromous fish productivity potential. Draft report by WDF, USFWS, NMFS, and WDW. Olympia, WA.
- WDF et al. 1993 – Washington Department of Fisheries, Washington Department of Wildlife, and Western Washington Treaty Indian Tribes. 1993. 1992 Washington State Salmon and Steelhead Stock Inventory. 212pp
- WDF, Confederated Tribes and Bands of the Yakima Nation, WDF. 1990. White Salmon River Subbasin. Salmon and Steelhead Production Plan
- WDF, WDW, and Western Washington Treaty of Indian Tribes. 1993. 1992 Washington State salmon and steelhead stock inventory. Olympia, WA.
- WDFW (Washington Department of Fish and Wildlife). 1997. Wild Salmonid Policy. Olympia, WA.
- WDFW (Washington Department of Fish and Wildlife). 2003a. Species of Concern Website: <http://wdfw.wa.gov/wlm/diversity/soc/concern.htm>.
- WDFW (Washington Department of Fish and Wildlife). 2003b. Priority Habitats and Species Website: <http://wdfw.wa.gov/hab/phslist.htm>.
- WDFW 2003 – Washington Department of Fish and Wildlife. 2001. Fisheries Management and Evaluation Plan: Middle Columbia River. Washington Department of Fish and Wildlife. Olympia, WA
- WDFW 2004
- WDW (Washington Department of Wildlife). 1993. Status of the western gray squirrel (*Sciurus griseus*) in Washington. Unpublished report. Olympia, WA.
- WDW. 1990. White Salmon River Subbasin – Salmon and Steelhead Production Plan. WDW. Olympia, WA.
- Weitkamp et al. 1995. Weitkamp, L. A., T. C. Wainwright, G. J. Bryant, G. B. Milner, D. J. Teel, R. G. Kope, and R. S. Waples. 1995. Status review of coho salmon from Washington, Oregon, and California. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-NWFSC-24, 258 p.

- Western Watershed Analysts. 1996. Panakanic Watershed Analysis. Prepared for Champion Pacific Timberlands. Glenwood CA.
- Williams, C.K., B.F. Kelley, B.G. Smith, and T.R. Lillybridge. 1995. Forested plant associations of the Colville National Forest. U.S. Forest Service General Technical Report PNW-GTR-360. Portland, OR.
- Williams, R. M. 1965. Beaver habitat and management. *Idaho Wildl. Rev.* 17(4):3-7.
- Wisdom, M.J., B.C. Wales, R.S. Holthausen, C.D. Hargis, V.A. Saab, W.J. Hann, T.D. Rich, D. C. Lee and M.M. Rowland. 1999. Wildlife habitats in forests of the Interior Northwest: history, status, trends and critical issues confronting land managers. *Trans.* 64th No. *Am. Wildl. and Natur. Resour. Conf.*
- Wiseman, C.D. 2003. Multi-metric index development for biological monitoring in Washington state streams. Publ. No. 03-03-035. Dept. Ecology. Olympia. 28p.
- WLC-TRT 2003. WLC-TRT. 2003. McElhany, P. and 11 coauthors. Interim report on viability criteria for Willamette and Lower Columbia Basin Pacific Salmonids. 2003. National Marine Fisheries Service. Seattle, WA.
- Wright, H.A., and A.W. Bailey. 1982. *Fire Ecology: United States and Canada*. John Wiley and Sons, New York, NY.
- WSNWCB (Washington State Noxious Weed Control Board). 2004. Website: <http://www.nwcb.wa.gov/>.
- Wydoski, R.S. and R.R. Whitney. 1979. *Inland fishes of Washington*. University of Washington Press, Seattle, WA. 220pp.
- Wy-Kan-Ush-Mi Wa-Kish-Wit, Spirit of the Salmon, 1995, The Columbia River Anadromous Fish Restoration Plan of the Nez Perce, Umatilla, Warm Springs, and Yakama Tribes, Volume II, Subbasin Plans.
- Yakama Nation. nd. Big White Salmon River Subbasin.
- Yakama Nation. nd. Big White Salmon River Subbasin.
- Ziemer, R.R. 1981. Roots and the stability of forested slopes. Pages 343-361 in *Proceedings of a symposium on erosion and sediment transport in Pacific Rim steeplands*. Publication 132. International Association of Hydrological Scientists. Washington, D.C.
- Zimmerman, T. 1986. A study of two western pond turtle populations *Clemmys marmorata* in Washington, 1986. Unpubl. Rep. Wash. Dept. Game, Olympia, WA. Phelps et al. 1990 – Phelps, S. R., N. Switzler, and B. Ingram. 1990. Electrophoretic characterization of five rainbow trout collections from the White Salmon River, Washington and determination of their genetic similarities to four hatchery strains. Unpublished report to the Pacific Power and Light Company from the Washington Department of Fisheries, Olympia. 28 p.

9 Acronyms and Abbreviations

BLM	Bureau of Land Management
BPA	Bonneville Power Administration
BOR	Bureau of Reclamation
BiOP	Biological Opinion
cfs	cubic feet per second
CWD	Coded wire tag Corps U.S. Army Corps of Engineers
Colville Tribes	Confederated Tribes of the Colville Reservation
CRITFC	Columbia River Inter-Tribal Fish Commission
CRMP	Cultural Resources Management Plan
CWA	Clean Water Act
DOE	U.S. Department of Energy
DOI	U.S. Department of the Interior
DNR	Washington Department of Natural Resources
EA	Environmental Assessment
Ecology	Washington State Department of Ecology
ECP	Eco-regional Conservation Planning
EDT	Ecosystem Diagnostic & Treatment
EIS	Environmental Impact Statement
EMS	Energy Management System
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FERC	Federal Energy Regulatory Commission
FMEP	Fisheries Monitoring and Evaluation Plan
FWS	U.S. Fish and Wildlife Service
GDU	Genetic Diversity Unity
GIS	Geographic Information System
Gorge Commission	Columbia River Gorge Commission

Gorge Scenic Area	Columbia River Gorge National Scenic Area
GPNF	Gifford Pinchot National Forest
HCP	Habitat Conservation Plan
HEP	Habitat Evaluation Procedure
HGMP	Hatchery Genetic Management Plan
huc	habitat
IBIS	Interactive Biological Information System
ISRP	Independent Scientific Review Panel
JFC	Joint Fisheries Committee
MAL	Major Ancestral Lineage
LFA	Limiting Factors Analysis
LWD	large woody debris
NEPA	National Environmental Policy Act
NGO	Non-governmental Organization
NFN	National Fish Hatchery
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NPCC	Northwest Power and Conservation Council
NPPC	Northwest Power Planning Council
PA	Programmatic Agreement
PSMFC	Pacific States Marine Fisheries Commission
PUD	Public Utility District
RC&D	North Central Washington Resource Conservation & Development Council
RM	river mile
SSHIAP	Salmon and Steelhead Habitat Inventory and Assessment Project
TAC	Technical Advisory Committee
TMDL	Total Maximum Daily Load
TSS	Total Suspended Sediment
UCD	Underwood Conservation District

USDA	United States Department of Agriculture
USFS	United States Forest Service
USGS	United States Geological Survey
WADNR	Washington Department of Natural Resources
WCC	Washington Conservation Commission
WDOE	Washington Department of Ecology
WDF	Washington Department of Fisheries
WDFW	Washington Department of Fish and Wildlife
WDW	Washington Department of Wildlife
WMC	Watershed Management Committee
WQI	water quality index
Yakama Nation	Confederated Tribes and Bands of the Yakama Nation
YFRM	Yakama Fisheries Resource Management

10 Technical Appendices

Appendix A White Salmon Subbasin Planners and Contributors

Appendix B Common and Scientific Names Used in Big White Salmon Assessment

Appendix C Wildlife Species of the Big White Salmon Subbasin

Appendix D Rare Plants and Plant Communities of the Rock Creek Watershed Area