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63 Fed. Reg. 13347 (March 19, 1998).

- Allendorf, F.W. 1975. Genetic variability in a species possessing extensive gene duplication: Genetic interpretation of duplicate loci and examination of genetic variation in populations of rainbow trout. Ph.D. Dis., University of Washington, Seattle, 98 p.
- Barbour, M., B. Paulik, F. Drysdale and S. Lindstrom. 1991. California vegetation: diversity and change. *Fremontia*. 19(1):3-12.
- Behnke, R.J. 1992. Native trout of western North America. AFS. Monog. 6, 275 p. American Fisheries Society, Bethesda, MD.
- Bell, M.C. 1990. Fisheries handbook of engineering requirements and biological criteria. U.S. Army Corp of Engineers, North Pacific Division, Portland, Oregon.
- Bryant, G.J. 1994. Status review of coho salmon populations in Scott and Waddell Creeks, Santa Cruz County, California. National Marine Fisheries Service, Southwest Region, Protected Species Management Division, Santa Rosa, California. 102p.
- Buchanan, D.V., Sanders, J.E., Zinn, J.L., and Fryer, J.L. 1983. Relative susceptibility of four strains of summer steelhead to infection by *Ceratomyxa shasta*. Trans. Amer. Fish. Soc. 112:541-543.
- Burgner, R.L., J.T. Light, L. Margolis, T. Okazaki, A. Tautz, and S. Ito. 1992. Distribution and origins of steelhead trout (Oncorhynchus mykiss) in offshore waters of the Pacific Ocean. International North Pacific Fisheries Commission. Bulletin number 51.
- Burnett, K. and G. Reeves. 1997. PNW comments by Kelly Burnett and Gordon Reeve regarding ODF January 21, 1997 Draft document "Will the various riparian protection strategies applied across the various ownerships and land uses provide adequae long-term recruitment of wood into streams (and adequately maintain other riparian functions and water quality)?" U.S. Forest Service, Pacific Northwest Research Station, Corvallis, Oregon.
- Busby, P.J., O.W. Johnson, T.C. Wainwright, F.W. Waknitz, and R.S. Waples. 1993. Status review for Oregon's Illinois River winter steelhead. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-NWFSC-10, 85 p.
- Busby, Peggy J., T.C. Wainwright, and R.S. Waples. 1994. Status review for Klamath Mountains Province steelhead. NOAA technical memorandum NMFS-NWFSC-19. 130 p.
- 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 for west coast steelhead from Washington, Idaho,

- Oregon, and California. U.S. Dep. Commer., NOAA Tech. Memo. NMFS-NWFSC-27, 261 p.
- CDFG 1998a. Strategic plan for management of Klamath Mountains Province steelhead trout (California Bioregion). January 8, 1998. (Available from Protected Resources Division, NMFS, 501 West Ocean Blvd, Suite 4200, Long Beach, CA 90802-4213.)
- CDFG 1998b. Strategic plan for management of Klamath Mountains Province steelhead trout (California Bioregion). February 4, 1998. (Available from Protected Resources Division, NMFS, 501 West Ocean Blvd, Suite 4200, Long Beach, CA 90802-4213.)
- Chamberlin, T.W., R.D. Harr, and F.H. Everest. 1991. Timber harvesting, silviculture, and watershed processes. <u>In Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats</u>; W.R. Meehan, ed. Pgs. 181-206. American Fisheries Society Special Pub. 19. Bethesda, MD.
- Chapman, D., C. Peven, T. Hillman, A. Giorgi, and F. Utter. 1994. Status of summer steelhead in the Mid-Columbia River. Don Chapman Consultants, Inc. 235 p. + appendicies.
- Chilcote, M.W. 1997. Conservation status of steelhead in Oregon. Draft report, dated September 9, 1997, Oregon Department of Fish and Wildlife, Portland, OR, 109p.
- Cramer, S. P. and 12 co-authors. 1995. The status of steelhead populations in California in regards to the Endangered Species Act. Document prepared for the Association of California Water Agencies. 167 p.
- Cramer, S.P. and 10 co-authors. 1997. Synthesis and Analysis of the Lower Columbia River Steelhead Initiative. Document prepared on behalf of Private Sector and Local Government Stakeholders. 272 p.
- Dahl, T.E. 1990. Wetlands losses in the Unites States 1780's to 1980's. U.S. Department of Interior, Fish and Wildlife Service, Washington D.C.
- Donley, M.W., S. Allan, P. Caro, and C.P. Patton. 1979. Atlas of California. Pacific Book Center, Culver City, CA, 191 p.
- Everest, F.H. 1973. Ecology and management of summer steelhead in the Rogue River. Oregon State Game Comm., Fishery Research Report 7, Corvallis, 48 p.
- Foott, S.J., R.L. Walker, J.D. Williamson and K.C. True. 1994. Health and physiology monitoring of chinook and steelhead smolts in the Trinity and Klamath rivers.

- Unpublished report. U.S. Fish and Wildlife Service, California-Nevada Fish Health Center, Anderson, CA. 12 p.
- Forest Ecosystem Management Assessment Team (FEMAT). 1993. Forest ecosystem management: an ecological, economic, and social assessment. Report published by the U.S. Department of Agriculture and five other federal agencies, July 1993.
- Gould, R.W., G.A. Wedemeyer, undated. The role of diseases in the decline of Columbia River anadromous fish populations. USFWS/NMFS joint report, 81p.
- Hatch, K.M. 1990. A phenotypic comparison of thirty-eight steelhead (*Oncorhynchus mykiss*) populations from coastal Oregon. M.S. Thesis, Oregon State Univ., Corvallis, 55 p.
- Huzyk, L., and H. Tsuyuki. 1974. Distribution of LDH-B" gene in resident and anadromous rainbow trout (*Salmo gairdneri*) from streams in British Columbia. J. Fish. Res. Board Can. 31:106-108.
- Jensen, D.B., M. Torn, and J. Harte. 1990. In our own hands: A strategy for conserving biological diversity in California. California Policy Seminar Research Report.
 University of California, Berkley. (Available from: NMFS, Southwest Region, 501 W. Ocean Blvd., Suite 4200, Long Beach, CA 90802-4213)
- Klamath River Basin Conservation Area Fishery Restoration Program (KRBFTF) 1991. Long range plan for the Klamath River basin conservation area fishery restoration program. The Klamath River Basin Fisheries Task Force.
- Kostow, K. (editor). 1995. 1994 Biennial report of the status of wild fish in Oregon. Oregon Department of Fish and Wildlife (ODFW), Portland. (Available from ODFW, P.O. Box 59, Portland, OR 97207.)
- Leek, S.L. 1987. Viral erythrocytic inclusion body syndrome (EIBS) occurring in juvenile spring chinook salmon (Oncorhynchus tshawytscha) reared in freshwater. Can. J. Fish. Aquat. Sci. 44:685-688.
- McDade, M.H., F.J. Swanson, W.A. McKee, J.F. Franklin, and J. Van Sickle. 1990. Source distances for coarse woody debris entering small streams in western Oregon and Washington. Canadian Journal of Forest Sciences 20:326-330.
- McEwan, D., and T.A. Jackson. 1996. Steelhead management plan for California. California Dept. Fish and Game Management Report. (Available from: CDFG, Inland Fisheries Div., 1416 Ninth St., Sacramento, CA 95814.)
- McGarry, E.V. 1994. A quantitative analysis and description of the delivery and distribution of

- large woody debris entering small streams in western Oregon and Washington. Canadian Journal of Forest Research 20:326-330.
- Moyle, P.B. 1976. Inland fishes of California. University of California Press, Berkeley.
- Mullan, J.W., K.R. Willians, G. Rhodus, T.W. Hillman, and J.D. McIntyre. 1992. Production and habitat of salmonids in mid-Columbia River tributary streams. Monograph I, USFWS, P.O. Box 549, Leavenworth, WA 98826, 489 p.
- National Marine Fisheries Service (NMFS). 1996a. Factors for decline: A supplement to the notice of determination for west coast steelhead. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS. 1996b. Factors for decline: A supplement to the notice of determination for west coast steelhead. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS. 1996c. Steelhead conservation efforts: A supplement to the notice of determination for west coast steelhead. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS. 1997a. Memorandum to William Stelle and William Hogarth from M. Schiewe, December 18, 1997, Status of Deferred and Candidate ESUs of West Coast Steelhead. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS. 1997b. Investigation of scientific information on the impacts of California sea lions and Pacific harbor seals on salmonids and on the coastal ecosystems of Washington, Oregon, and California. NOAA Tech. Memo. NMFS-NWFSC-28. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS. 1997c. Coastal coho habitat factors for decline and protective efforts in Oregon. Memorandum from E. Gaar to J. Wyland, dated April 24, 1997. (Available from Habitat Conservation Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS. 1998a. Status Review Update for Deferred ESUs of West Coast Steelhead: Hatchery Populations. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS. 1998b. Analysis of the Benefits of Management Actions Taken to Reduce Hatchery and Harvest Impacts to Natural Steelhead in the Oregon Coast and Klamath Mountains Province ESU. Memorandum from L. Kruzic through S. Smith to The Record, dated March 10, 1998. (Available from Protected Resources Division, NMFS, 525 NE Oregon

- St., Portland, OR 97232.)
- NMFS. 1998c. Review and evaluation of conservation benefits to northern California steelhead from implementation of SB 271 and CDFG's Coastal Watershed Initiative.

 Memorandum from Craig Wingert, NMFS to The Record, dated Februrary 20, 1998.

 (Available from Protected Resources Division, NMFS, 501 West Ocean Blvd, Suite 4200, Long Beach, CA 90802-4213.)
- NMFS. 1998d. Analysis of the benefits of management actions taken to reduce hatchery and harvest impacts to natural steelhead in the Northern California Coast and in the California portion of the Klamath Mountains Province ESUs. Memorandum from Greg Bryant to The Record, dated March 2, 1998. (Available from Protected Resources Division, NMFS, 501 West Ocean Blvd, Suite 4200, Long Beach, CA 90802-4213.)
- NMFS. 1998e. Review of the Recent Emergency Regulation Actions Taken to Reduce Harvest Impacts to Natural Steelhead in the Northern California Coast ESU by the California Fish and Game Commission on 6 February 1998. Memorandum from Greg Bryant to The Record, dated February 20, 1998. (Available from Protected Resources Division, NMFS, 501 West Ocean Blvd, Suite 4200, Long Beach, CA 90802-4213.)
- NMFS. 1998f. Review of the Recent Emergency Regulation Actions Taken to Reduce Harvest Impacts to Natural Steelhead in the Northern California Coast ESU by the California Fish and Game Commission on 6 March 1998. Memorandum from Greg Bryant to The Record, dated March 5, 1998. (Available from Protected Resources Division, NMFS, 501 West Ocean Blvd, Suite 4200, Long Beach, CA 90802-4213.)
- NMFS. 1998g. Letter from Robert A. Turner, Washington Area Director, NMFS, to Curt Smitch, Governor's Executive Policy Office, dated January 29, 1998. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- NMFS/California MOA. 1998. Memorandum of Agreement between the State of California and NMFS regarding North Coast Steelhead Trout, dated March 11, 1998. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- Nehlsen, W., J.E. Williams, and J.A. Lichatowich. 1991. Pacific salmon at the crossroads: Stocks at risk from California, Oregon, Idaho, and Washington. Fisheries 16(2):4-21.
- Nicholas, J.W. and D.G. Hankin. 1988. Chinook salmon populations in Oregon coastal river basins: Description of life histories and assessment of recent trends in run strengths. Oregon Dept. Fish Wildlife. Information Report 88-1, 359 p.

- Okazaki, T. 1984. Genetic divergence and its zoogeographical implications in closely related species *Salmo gairdneri* and *Salmo mykiss*. Japanese J. Ichthyol. 31:297-310.
- Omernik, J. M. 1987. Ecoregions of the conterminous United States. Ann. Assoc. Am. Geogr. 77:118-125.
- Oregon. 1998. Letter from John A. Kitzhaber, M.D., Governor of Oregon, to William Stelle, Jr., Regional Administrator, NMFS, dated March 11, 1998.
- Parkinson, E. A. 1984. Genetic variation in populations of steelhead trout (*Salmo gairdneri*) in British Columbia. Can. J. Fish. Aquat. Sci. 41:1412-1420.
- Pearcy, W.G., R.D. Brodeur, and J.P. Fisher. 1990. Distribution and biology of juvenile cutthroat trout *Oncorhynchus clarki clarki* and steelhead *O. mykiss* in coastal waters off Oregon and Washington. Fish. Bull., U.S. 88(4):697-711.
- Pearcy, W.C. 1992. Ocean ecology of North Pacific salmonids. Washington Sea Grant Program, Seattle, WA. 179p.
- Reisenbichler, R. R., J. D. McIntyre, M. F. Solazzi, and S. W. Landino. 1992. Genetic variation in steelhead of Oregon and northern California. Trans. AFS. 121:158-169.
- Reynolds, F.L., T.J. Mills, R. Benthin, and A. Low. 1993. Restoring Central Valley streams: a plan for action. California Department of Fish and Game, Inland Fisheries Division, Sacramento, California. 129 p.
- Rucker, Earp, and E. J. Ordall. 1953. Infectious diseases of Pacific salmon. Trans. Am. Fish. Soc. 83:297-312.
- Sanders, J.E., J.J. Long, C.K. Arakawa, J.L. Bartholomew, and J.S. Rohovec. 1992. Prevalence of *Renibacterium salmoninarum* among downstream-migrating salmonids in the Columbia River. *Journ. Aquat. Animal Health.* 4:72-75.
- Schreck, C. B., H. W. Li, R. C. Hjort, and C. S. Sharpe. 1986. Stock identification of Columbia River chinook salmon and steelhead trout. Final Report to Bonneville Power Administration, Contract DE-A179-83BP13499, Project 83-451, 184 p. (Available Bonneville Power Administration, P.O. Box 351, Portland, OR 97208.)
- Shapovalov, L. and A.C. Taft. 1954. The life histories of steelhead trout (Salmo gairdneri) and silver salmon (Oncoryhchus kisutch) with special reference to Waddell Creek, California, and recommendation regarding their management. California Department of Fish and Game, Fisheries Bulletin number 98. 373p.

- Snyder, J.O. 1925. The half-pounder of Eel River, a steelhead trout. Calif. Fish Game 11(2):49-55.
- Thompson, G. G. 1991. Determining minimum viable populations under the Endangered Species Act. U.S. Dep. Comm., NOAA Tech. Memo. NMFS F/NWC-198, 78 p.
- Tiner, R.W. 1991. The concept of a hydrophyte for wetland identification. Bioscience 41:236-247.
- U.S. Department of Interior (DOI). 1997. Letter from Willie R. Taylor, Director, Office to Environmental Policy and Compliance, to Garth Griffin, Chief, Protected Resources Division, NMFS. Letter dated January 27, 1997. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- U.S. Fish and Wildlife Service (FWS). 1997. Letter from Michael J. Spear, Regional Director, FWS, to William W. Stelle, Jr., Regional Administrator, NMFS, Northwest Region. Letter dated August July 29, 1997. (Available from Protected Resources Division, NMFS, 525 NE Oregon St., Portland, OR 97232.)
- Utter, F.M., and F.W. Allendorf. 1977. Determination of the breeding structure of steelhead populations through gene frequency analysis. *In* T. J. Hassler and R. R. VanKirk (editors), Proceedings of the Genetic Implications of Steelhead Management Symposium, May 20-21, 1977, Arcata, CA, p. 44-54. Special Report 77-1. Calif Coop. Fish. Res. Unit.
- Waples, Robin S. 1991. Definition of "species" under the Endangered Species Act: application to Pacific salmon. NOAA Technical Memorandum NMFS F/NWC-194. 29p.
- Washington Department of Fisheries (WDF), Washington Department of Wildlife, and Western Washington Treaty Indian Tribes. 1993. 1992 Washington State salmon and steelhead stock inventory, 212 p.
- 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. NOAA Tech. Memo. NMFS-NWFSC-24. 258 p.
- Wood, J.W. 1979. Diseases of Pacific salmon their prevention and treatment. State of Washington Department of Fisheries, Hatchery Division. 82 p.