

REFERENCES

- Bahls, P. 1992. Report of the High Lakes Fisheries Project, Clearwater National Forest. Cooperative Project of Idaho Department of Fish and Game, Region 2 and U.S. Forest Service, Clearwater National Forest, Orofino, ID.
- Batt, Governor P. E. 1996. State of Idaho Bull Trout Conservation Plan. Boise, Idaho.
- Baxter, J. S., and J. D. McPhail. 1999. The influence of redd site selection, groundwater upwelling, and over-winter incubation temperature on survival of bull trout (*Salvelinus confluentus*) from egg to alevin. Canadian Journal of Zoology 77:1233-1239.
- Bennett, D. H. 1997. Evaluation of current environmental conditions and operations at Dworshak Reservoir, Clearwater River, Idaho, and an analysis of fisheries management mitigation alternatives. Final Report, USCOE, Walla Walla, WA.
- (BLM) U.S. Bureau of Land Management. 2000. Biological assessment of ongoing and proposed Bureau of Land Management activities on fall chinook, steelhead trout, bull trout and BLM sensitive species for the Clearwater River, North Fork Clearwater River and Middle Fork Clearwater River subbasins. Cottonwood, ID.
- Bugosh, N. 1999. Lochsa River Subbasin Assessment. Idaho Department of Environmental Quality. Lewiston, ID.
- Burkey, T. V. 1989. Extinction in nature reserves: the effect of fragmentation and the importance of migration between reserve fragments. Oikos 55:75-81.
- Cacek, C. C. 1989. The relationship of mass wasting to timber harvest activities in the Lightning Creek basin, Idaho and Montana. M.S. Thesis, Eastern Washington University, Ellensburg.

(CBBTTAT) Clearwater Basin Bull Trout Technical Advisory Team. 1998a. North Fork Clearwater River Basin Bull Trout Problem Assessment. Prepared for the State of Idaho by the CBBTTAT. May 1998.

(CBBTTAT) Clearwater Basin Bull Trout Technical Advisory Team. 1998b. Bull Trout Assessment of the Lochsa and Selway Subbasin (including the Middle Fork of the Clearwater upstream of the South Fork). CBBTTAT. August 1998.

(CBBTTAT) Clearwater Basin Bull Trout Technical Advisory Team. 1998c. Lower Clearwater River Bull Trout Problem Assessment. Prepared for the State of Idaho. November 1998.

(CBBTTAT) Clearwater Basin Bull Trout Technical Advisory Team. 1998d. South Fork Clearwater River Subbasin Bull Trout Problem Assessment. Prepared for the State of Idaho. November 1998.

Clancy, C.G. 1993. Statewide fisheries investigations: Bitterroot Forest Inventory. Montana Fish, Wildlife, and Parks, Job Completion Report, Project F-46-R-4, Helena, Montana.

Clearwater BioStudies. 1996. Habitat conditions and salmonid abundance in selected streams within the White Sand drainage, Powell Ranger District, Summer 1994 and 1995. Consultant report to the U.S. Forest Service, Clearwater National Forest, Orofino, Idaho.

Clearwater BioStudies. 1991. Habitat conditions and salmonid abundance in selected streams within the Quartz Creek drainage, North Fork Ranger District, Summer 1990. Consultant report to the U.S. Forest Service, Clearwater National Forest, Orofino, Idaho.

Clearwater BioStudies. 1990. Habitat conditions and salmonid abundance in selected streams within the upper Potlatch drainage, Palouse Ranger District, Clearwater National Forest.

- Cochnauer, T., E. Schreiver, and D. Schiff. 2001. Bull trout investigations in the North Fork Clearwater drainage, 2000. Federal Aid in Fish Restoration, 2000 Job Performance Report Program F-73-R-22. Idaho Department of Fish and Game, Boise, Idaho.
- Conley, J. M. 1993. Bull trout management plan. Idaho Department of Fish and Game, Boise (April). 11pp.
- Crow, J.D. and M. Kimura. 1970. An introduction to population genetics theory. Harper and Row, New York, New York.
- (CSS) Clearwater Subbasin Summary. 2001. Draft Clearwater subbasin summary. Prepared for the Northwest Power Planning Council by interagency team, led by D. Statler, Nez Perce Tribe. May 25, 2001.
- Cundy, T. W., and D. L. Murphy. 1997. Draft report on landslides and stream changes due to flooding on Potlatch Corporation lands in 1995 and 1996. Potlatch Corporation, Lewiston, ID.
- Dambacher, J. M., M. W. Buktenica, and G. L. Larson. 1992. Distribution, abundance, and habitat utilization of bull trout and brook trout in Sun Creek, Crater Lake National Park, Oregon. *In*: P. J. Howell, and D. V. Buchanan, (Eds.). Proceedings of the Gearhart Mountain bull trout workshop. Pages 30-36. American Fisheries Society, Oregon Chapter, Corvallis, OR.
- Dunham, J. B., and B. E. Rieman. 1999. Metapopulation structure of bull trout: Influences of physical, biotic, and geometrical landscape characteristics. *Ecological Applications* 9:642-655.
- Federal Caucus. 2000. Conservation of Columbia Basin fish: final basinwide recovery strategy (All "H" paper).
- Franklin, J.R. 1980. Evolutionary changes in small populations. Pater 135-149 *in* M.E. Soule and B.A. Wicox, eds., Conservation biology: An evolutionary-ecological perspective. Sinaure Associates. Sunderland, Massachusetts.

- Frissell, C. A. 1993. Topology of extinction and endangerment of native fishes in the Pacific Northwest and California. *Conservation Biology* 7(2):342-354.
- Furniss, M. J., T. D. Roelofs, and C. S. Yee. 1991. Road construction and maintenance. *American Fisheries Society Special Publication* 19:297-323.
- Griffith, J. S. 1981. Estimation of the age-frequency distribution of stream-dwelling trout by underwater observation. *Progressive Fish-Culturalist* 43:51-53.
- Henjum, M. G., J. R. Karr, D. L. Bottom, D.A. Perry, J. C. Bednarz, S. G. Wright, S. A. Beckwitt, and E. Beckwitt. 1994. Interim protection for late-successional forests, fisheries, and watersheds. National forests east of the Cascade Crest, Oregon, and Washington. A report to the Congress and President of the United States Eastside Forests Scientific Society Panel. American Fisheries Society, American Ornithologists Union Incorporated, The Ecological Society of America, Society for Conservation Biology, The Wildlife Society. *The Wildlife Society Technical Review* 94-2.
- Huntington, C. W. 1995. Fish habitat and salmonid abundance within managed and unroaded landscapes on the Clearwater National Forest, Idaho. Prepared for Eastside Ecosystem Management Project, USDA Forest Service. Order No. 43-0E00-4-9106. Walla Walla, WA.
- Huntington, C. W. 1988. Orofino Creek passage project biological and engineering feasibility report. Clearwater BioStudies, Inc., Sherwood, Oregon, and SJO Engineers, Inc., Portland, Oregon. Prepared for U.S. Dept. of Energy, Bonneville Power Administration, Contract No. 87-112, Portland, OR.
- Idaho Department of Commerce. 2000. Idaho Data Center. Website:
<http://www2.state.id.us/fishgame/animal.htm>.
- (IDFG) Idaho Department of Fish and Game. 2001. South Fork Clearwater bull trout investigations. Report to the Nez Perce National Forest and Bureau of Land Management. Idaho Department of Fish and Game, Lewiston, ID.

- (IDFG) Idaho Department of Fish and Game. 2001. Federal aid in fish restoration, 1995 Job Performance Report. Program F-71-R-20. Idaho Department of Fish and Game, Lewiston, ID.
- (IDFG) Idaho Department of Fish and Game. 1986-1997. General Parr Monitoring Database, 1986-1997. Idaho Department of Fish and Game, Lewiston, ID
- (IDL) Idaho Department of Lands. 2002a. Cumulative watershed effects assessment for the Floodwood Creek drainage (HUC #17060308-0716). Idaho Dept. of Lands, Coeur d'Alene.
- (IDL) Idaho Department of Lands. 2002b. Cumulative watershed effects assessment for the West Fork Floodwood Creek drainage (HUC #17060308-0714). Idaho Dept. of Lands, Coeur d'Alene.
- (IDL) Idaho Department of Lands. 2000. Forest Practices Cumulative Watershed Effects Process for Idaho. Idaho Department of Lands. Boise, Idaho.
- Interior Columbia Basin River Component Report. 1997. *In*: Quigley, T. M. and S. J. Arbelbide, (Eds.). An assessment of ecosystem component in the interior Columbia River basin. USDA Forest Service. Volume III. Pacific Northwest Research Station. General Technical Report, PNW - GTR-405.
- Johnson, D. B. 1985. A biological and physical inventory of Clear Creek, Orofino Creek, and the Potlatch River, tributary streams of the Clearwater River, Idaho. Nez Perce Tribe, Fisheries Resource Management. Prepared for U.S. Dept. of Energy, Bonneville Power Administration, Division of Fish and Wildlife, Portland, OR. 292 pp.
- Johnson, T. H. 1977. Catch and release and trophy fish angling regulations in the management of cutthroat trout populations and fisheries in Northern Idaho streams. M.S. Thesis. University of Idaho, Moscow, ID.
- Lande, R. 1988. Genetics and demography in biological conservation. *Science* 241:1455-1460.

- Learn, R. F., and F. W. Allendorf. 1997. Genetic confirmation of sympatric bull trout and Dolly Varden in western Washington. *Transactions of the American Fisheries Society* 126:715-720.
- Learn, R. F., F. W. Allendorf, and S. H. Forbes. 1993. Conservation genetics of bull trout in the Columbia and Klamath River drainages. *Conservation Biology* 7:856-865.
- Learn, R. F., F. W. Allendorf, and S. H. Forbes. 1991. Conservation genetics of bull trout in the Columbia and Klamath River drainages. University of Montana, Division of Biological Sciences, Wild Trout and Salmon Genetics Lab. Report. Missoula, MT. 32pp.
- Lee, D. C., J. R. Seddell, B. E. Rieman, and others. 1996. Chapter 4: Broadscale assessments of aquatic species and habitats. *In*: Quigley, T. M., and S. J. Arbelbide, (Eds.). 1997. An assessment of ecosystem components in the interior Columbia Basin and portions of the Klamath and Great Basins: Volume III. U.S. Department of Agriculture, Forest Service Pacific Northwest Research Station. Portland, Oregon.
- Levell, J. H., L. A. Petersen and G. E. Nichols. 1987. Placer mining technology and associated environmental effects. Salisbury and Associates, Inc., Spokane, WA.
- Lipscomb, S. W. 1998. Hydrologic Classification and Estimation of Basin and Hydrologic Characteristics of Subbasins in Central Idaho. U.S. Geological Survey. Prepared in cooperation with the Bureau of Indian Affairs.
- Martin, S. B., and W. S. Platts. 1981. Influence of forest and rangeland management on anadromous fish habitat in western North America, effects of mining. U.S. Forest Service, Intermountain Forest and Range Experiment Station, General Technical Report PNW-119.

- Maughan, O. W. 1972. Distribution and Geographic Variation of Sculpins in the Clearwater Basin. Doctor of Philosophy. Department of Zoology, Washington State University.
- McClelland, D. E., R. B. Foltz, W. D. Wilson, T. Cundy, R. Heinemann, J. Saurbier, and R. L. Schuster. 1997. Assessment of the 1995 and 1996 Floods and Landslides on the Clearwater National Forest, Part I, Landslide Assessment. A Report to the Regional Forester, Northern Region, U.S. Forest Service.
- McIntyre, M. J. 1993. Water quality status report No. 108, Squaw Creek - beneficial use assessment Gem County, Idaho 1991-1992. Division of Environmental Quality.
- Meehan, W. R. 1991. Influences of forest and rangeland management on salmonid fishes and their habitats. American Fisheries Society. Special Pub. 19. 749pp.
- Meffe, G.K., and C.R. Carroll. 1994. Principles of conservation biology. Sinauer Associates, Sunderland, Massachusetts.
- Moffitt, C. M., and T. C. Bjornn. 1984. Fish abundance upstream from Dworshak Dam following exclusion of steelhead trout. Technical Completion Report Project WRIP/371404. Idaho Water and Energy Resources Research Institute. University of Idaho. Moscow, ID.
- Mongillo, P. E. 1984. A summary of salmonid hooking mortality. Washington Department of Game, Fisheries Management Division, Olympia, WA.
- (MBTSG) Montana Bull Trout Scientific Group. 1998. The relationship between land management activities and habitat requirements of bull trout. Report prepared for the Montana Bull Trout Restoration Team, Helena, MT.
- (MBTSG) Montana Bull Trout Scientific Group. 1996. Assessment of methods for removal or suppression of introduced fish to aid in bull trout recovery. Montana Bull Trout Restoration Team, Helena, MT.

- Murphy, P., and T. Cochnauer. 1998. Report of the high lakes fisheries project in the Clearwater National Forest, 1997. Idaho Department of Fish and Game, Lewiston, ID.
- Murphy, P., T. Cochnauer, and E. Schreiver. 2001. Ice Lake brook trout control: Utilization of Tiger Muskie for suppressing self-sustaining populations of introduced brook trout (Draft). Idaho Department of Fish and Game. Lewiston, ID.
- Nelson, R. L., M. L. McHenry, and W. S. Platts. 1991. Mining. American Fisheries Society Special Publication 19:207-296.
- Nez Perce Tribe and Idaho Department of Fish and Game. 1990. Clearwater river subbasin salmon and steelhead production plan. Funded by the Northwest Power Planning Council; Columbia Basin Fish and Wildlife Authority. Lapwai, ID.
- Olson, B. E. 1999. Impacts of noxious weeds on ecologic and economic systems. *In*: R. L. Sheley and J. K. Petroff, (Eds.). Biology and Management of Noxious Rangeland Weeds. Oregon State University Press, Corvallis, OR.
- Olson, J., and J. Brostrom. 1997. A survey of bull trout and resident fish populations in the Red River drainage, a tributary of the South Fork Clearwater River. Idaho Department of Fish and Game, Lewiston, ID.
- Platts, W. S., M. Hill, T. Hillman, and M. D. Miller. 1993. Preliminary status report on bull trout in California, Idaho, Montana, Nevada, Oregon, and Washington. Consultant report to the Intermountain Forest Industry Association, Coeur d'Alene, Idaho.
- 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 III. U.S. Department of Agriculture, Forest Service Pacific Northwest Research Station. Portland, Oregon.

- Ratliff, D. E., and P. J. Howell. 1992. The status of bull trout populations in Oregon. *In: Howell, P. J., and D.V. Buchanan, (Eds.). Proceedings of the Gearhart Mountain bull trout workshop, August, Gearhart Mountain, OR. Oregon Chapter of the American Fisheries Society, Corvallis, OR. Pp 10-17.*
- Rhodes, J. J., D. A. McCullough, and F. A. Espinosa, Jr. 1994. A coarse screening process for potential application in ESA consultations. Columbia River Intertribal Fish Commission, Prepared under National Marine Fisheries Service/Bureau of Indian Affairs Inter-Agency Agreement 40ABNF3.
- Rieman, B.E. and F.W. Allendorf. 2001. Effective population size and genetic conservation criteria for bull trout. *North American Journal of Fisheries Management* 21:756-764
- Rieman, B. E., and J. B. Dunham. 2000. Metapopulations and salmonids: A synthesis of life history patterns and empirical observations. *Ecology of Freshwater Fish* 9:51-64.
- Rieman, B. E., and J. D. McIntyre. 1995. Occurrence of bull trout in naturally fragmented habitat patches of varied size. *Transactions of the American Fisheries Society* 124:285-296.
- Rieman, B. E., and J. D. McIntyre. 1993. Demographics and habitat requirements for observation of bull trout. General Technical Report INT-302. U.S. Forest Service. Intermountain Research Station, Boise, ID.
- Rieman, B. E., D. C. Lee, and R. F. Thurow. 1997. Distribution, status and likely future trends of bull trout within the Columbia River and Klamath River basins. *North American Journal of Fisheries Management* 17:1111-1125.
- Saunders, D. A., R.J. Hobbs, and C. R. Margules. 1991. Biological consequences of ecosystem fragmentation: A review. *Conservation Biology* 5:18-32.

- Schill, D. J., and R. L. Scarpella. 1997. Barbed hook restrictions in catch and release trout fisheries: a social issue. *N. American Journal of Fisheries Management* 17:873-881.
- Schoen, D., R. M. Jones, and P. K. Murphy. 1999. Section 7 watershed biological assessment Lochsa River drainage Clearwater subbasin: Determination of effects of ongoing activities based on the matrix of pathways and indicators of watershed condition for steelhead trout, fall chinook salmon and bull trout. Clearwater National Forest, Orofino, ID.
- Skille, J. 1991. In-stream sediment and fish populations in the Little North Fork Clearwater River, Shoshone and Clearwater counties, Idaho, 1988-1990. Water Quality Summary Report #27. Idaho Department of Environmental Quality. Coeur d'Alene, Idaho.
- Soule, M.E. 1980. Thresholds for survival: maintaining fitness and evolutionary potential. Pages 151-170 in *M.E. Soule and B.A. Wicox, eds.*, Conservation biology: An evolutionary-ecological perspective. Sinaure Associates. Sunderland, Massachusetts.
- Spangler, R. E. 1997. Distribution, abundance, and microhabitat use of juvenile bull trout and cutthroat trout in two small tributaries of the South Fork Clearwater River, Idaho. M.S. Thesis, University of Idaho, Moscow, ID.
- Spence, B. C., G. A. Lomincky, R. M. Hughes, and R. P. Novitzki. 1996. An ecosystem approach to salmonid conservation. Management Technologies Inc., for the National Marine Fisheries Service, U.S. Fish and Wildlife Service, Environmental Protection Agency. TR-4501-96-6057.
- Spencer, C. N., and C. L. Schelske. 1998. Impact of timber harvest on sediment deposition in surface waters in Northwest Montana over the last 150 years: a paleolimnological study. *In*: M. K. Brewin and D. M. A. Monita, (Eds.). Forest-fish conference: land management practices affecting aquatic ecosystems. Pages 187-201. Proc. Forest-Fish Conf., May 1-4, 1996, Calgary,

Alberta. Nat. Can., Canada Forestry Service Northern Forestry Center,
Edmonton, Alberta. Inf. Rep. NOR-X-356.

- Spruell, P., B. E. Rieman, K. L. Knudsen, F. M. Utter, and F. W. Allendorf. 1999. Genetic population structure within streams: Microsatellite analysis of bull trout populations. *Ecology of Freshwater Fish* 8:114-121.
- Sullivan, K., J. Tooley, K. Doughty, J. E. Caldwell, and P. Knudsen. 1990. Evaluation of prediction models and characterization of stream temperature regimes in Washington. Timber/Fish/Wildlife Rep. No. TFW-WQ3-90-006. Washington Dept. Nat. Resources, Olympia, Washington. 224pp.
- Swanson, R. H., R. D. Wynes, and R. L. Rothwell. 1998. Estimating the cumulative long-term effects of forest harvests on annual water yield in Alberta. *In*: M. K. Brewin and D. M. A. Monita, (Eds.). Forest-fish conference: land management practices affecting aquatic ecosystems. Pages 83-93. Proc. Forest-Fish Conf., May 1-4, 1996, Calgary, Alberta. Nat. Can., Canada Forestry Service Northern Forestry Center, Edmonton, Alberta. Inf. Rep. NOR-X-356.
- Thomas, C. A, H. C. Broom, and J. E. Cummins. 1963. Magnitude and Frequency of Floods in the United States: Part 13. Snake River Basin. U.S. Geological Survey. Washington, DC.
- Thomas, G. 1992. Status of bull trout in Montana. Report prepared for Montana Department of Fish, Wildlife and Parks, Helena, MT.
- Thurrow, R. 1990. Fishery Research Job completion report, project F-73-R-12. Subproject IV: River and stream investigations. Idaho Department of Fish and Game. Boise, ID.
- Trombulak, S. C., and C. A. Frissell. 2000. Review of ecological effects of roads on terrestrial and aquatic communities. *Conservation Biology* 14:18-30.

- U.S. Army Corps of Engineers. 1975. Final Environmental Impact Statement - Dworshak Reservoir, Orofino, ID.
- U.S. Bureau of Mines, U.S. Geological Survey, and Idaho Geographical Survey. 1993. Evaluation of the Mineral Resources of the Upper North Fork of the Clearwater River 1990-92.
- U.S. Census Bureau. 2000. United States Census 2000. Website: <http://www.census.gov/>.
- (USDA and USDI) U.S. Department of Agriculture and U.S. Department of Interior. 1997. Interior Columbia River Basin Ecosystem Management Project, Upper Columbia River Basin Draft Environmental Impact Statement. Vol I., Vol II, Vol III. Walla Walla, WA.
- U.S. Department of Commerce. 2000. Biological opinion on reinitiation of consultation on operation of the Federal Columbia River Power System, including the juvenile fish transportation program, and 19 Bureau of Reclamation projects in the Columbia Basin. December 21, 2000. National Marine Fisheries Service.
- (USFWS) U.S. Fish and Wildlife Service. 2000. Biological Opinion. Effects to listed species from Operations of the Federal Columbia River Power System. U.S. Fish and Wildlife Service Regions 1 and 6, Portland, Oregon and Denver, Colorado.

- (USFWS) U.S. Fish and Wildlife Service. 1998. Biological Opinion for the continued implementation of land and resource management plans and resource management plans as amended by the interim strategy for managing fish-producing watersheds in Eastern Oregon and Washington, Idaho, Western Montana, and portions of Nevada (INFISH) and the interim strategy for managing anadromous fish-producing watersheds in Eastern Oregon and Washington, Idaho and portions of California (PACFISH). Portland, OR.
- (USFWS) U. S. Fish and Wildlife Service. 1998b. Klamath River and Columbia River Bull Trout Population Segments: Status Summary and Supporting Documents Lists. Bull Trout Listing Team. Portland, OR. 91pp.
- (USFS) U.S. Forest Service. 2001. Selway and Middle Fork Clearwater Rivers Subbasin Assessment (Draft). Clearwater, Nez Perce, and Bitterroot National Forests. Grangeville, ID.
- (USFS) U.S. Forest Service. 1998. Squaw to Papoose Watershed Analysis, Draft. Clearwater National Forest, Orofino, ID.
- (USFS) U.S. Forest Service. 1998a. South Fork Clearwater landscape assessment. Nez Perce National Forest, Grangeville, ID.
- (USFS) U.S. Forest Service. 1998b. Watershed and Fisheries Monitoring Plan, Clearwater National Forest. Orofino, ID. 67 pp.
- (USFS) U.S. Forest Service. 1935. Five year fish and game report, St. Joe National Forest, 1935. St. Joe National Forest, St. Maries, Idaho.
- (USFS) U. S. Forest Service, and Bureau of Land Management. 1995a. Interim strategies for managing fish-producing watersheds in eastern Oregon and Washington, Idaho, western Montana and portions of Nevada (INFISH).
- (USFS) U. S. Forest Service, and Bureau of Land Management. 1995b. Decision Notice/Decision Record Finding of No Significant Impact, environmental

assessment for the interim strategies for managing anadromous fish-producing watersheds in eastern Oregon and Washington, Idaho, and portions of California (PACFISH).

- (USFS) U. S. Forest Service, Bureau of Land Management and National Marine Fisheries Service, and U.S. Fish and Wildlife Service. 1999. Streamlined consultation procedures for section 7 of the Endangered Species Act, Memorandum of Understanding.
- (USFS) U.S. Forest Service, Clearwater National Forest. 2000. Section 7 watershed biological assessment North Fork Clearwater River drainage Clearwater River subbasin - determination of effects of ongoing and proposed activities based on the matrix of pathways and indicators of watershed condition for bull trout. Clearwater National Forest, Supervisor's Office, Orofino, Idaho. 316pp.
- (USFS) U.S. Forest Service, Clearwater National Forest. 1999a. Section 7 watershed biological assessment Lochsa River drainage Clearwater subbasin: Determination of effects of ongoing activities based on the matrix of pathways and indicators of watershed condition for steelhead trout, fall chinook salmon and bull trout. Clearwater National Forest, Supervisor's Office, Orofino, Idaho. 230pp.
- (USFS) U.S. Forest Service, Clearwater National Forest. 1999b. Section 7 watershed biological assessment Lolo Creek drainage, mainstem Clearwater River subbasin: Determination of effects of ongoing activities based on the matrix of pathways and indicators of watershed condition for steelhead trout, fall chinook salmon and bull trout. Clearwater National Forest, Supervisor's Office, Orofino, Idaho. 132pp.
- (USFS) U.S. Forest Service, Nez Perce National Forest. 1999c. Biological assessment: South Fork Clearwater River. Nez Perce National Forest, Supervisor's Office, Grangeville, Idaho. 226pp.

- (USFS) U.S. Forest Service, Nez Perce National Forest. 1999d. Biological assessment: lower Selway 4th code HUC fish, wildlife and plants. Nez Perce National Forest, Moose Creek Ranger District, Fenn, ID. 92pp plus appendices.
- (USFS) U.S. Forest Service, Nez Perce National Forest. 1999e. Biological assessment: Clear Creek. Nez Perce National Forest, Supervisor's Office, Grangeville, Idaho. 109pp.
- Watson, G., and T. Hillman. 1997. Factors affecting the distribution and abundance of bull trout: an investigation into hierarchical scales. *N. Am. Journ. Fish. Mgmt.* 17(2):237-252.
- (WDW) Washington Department of Wildlife. 1992. Bull trout/Dolly Varden management and recovery plan. Washington Department Number 92-22, Fisheries Management Division, Olympia, Washington
- Wissmar, R. C., J. E. Smith, B. A. McIntosh, H. W. Li, G. H. Reeves, and J. R. Sedell. 1994. A history of resource use and distribution in riverine basins of eastern Oregon and Washington (Early 1800s-1900s). *Northwest Science Special Issue* 68:1-34.
- Wydoski, R. S. 1977. Relation of hooking mortality and sublethal hooking stress to quality fishery management. *In*: R.A. Barnhart and R.D. Roelofs, (Eds.). *Catch-and-release fishing as a management tool*. Pages 43-87. California cooperative Fishery Research Unit, Humboldt State University, Arcata.
- Zaroban, D. W. *et al.* 1996. *Forest Practices Water Quality Audit*. Idaho Dept. of Health and Welfare, 1410 N. Hilton, Boise, ID

In Litterature

Clearwater Bull Trout Recovery Unit Team. 2002. Meeting Notes from 4/1/2002 meeting at Dworshak Fish Hatchery: Results of Team review of draft Clearwater Chapter of the Bull Trout Recovery Plan.

Clearwater Bull Trout Recovery Unit Team. 2000. Meeting Notes from 6/12/2000 meeting at Dworshak Fish Hatchery: Results of applying the bull trout matrix to identify local and potential local populations in the Clearwater recovery unit.

Cundy, T. 1998. Bull trout survey data for Beaver Creek, North Fork Clearwater River.

Dunsmoor, L., and C. Bienz, Klamath Tribe. 1997. Comments on the proposed rule to list bull trout in the Klamath River and Columbia River, to Robert Ruesink, U.S. Fish and Wildlife Service, Boise, Idaho. 6 pp.

Espinosa, F. A. and T. Bjornn. 1981. Bull trout survey data for North Fork Clearwater tributaries. (Cited in N. Fk. Problem assessment 1998, pg 45).

(IDFG) Idaho Department of Fish and Game. 2001. Data from bull trout research within Fish Lake, North Fork Clearwater River (2000-2001).

(NPNF) Nez Perce National Forest. 2001a. Bull trout redd counts from Newsome Creek and E. Fk. American River, 1999 - 2000.

(NPNF) Nez Perce National Forest. 2001b. Bull trout surveys in Red River 2000 - 2001.

(NPNF) Nez Perce National Forest. 2001c. Bull trout surveys in Newsome Creek 1998-2001.

(NPNF) Nez Perce National Forest. 2001d. Brook trout surveys in Santiam and Rabbit creeks.

Roseberg, R. 2002. Data on bull trout caught at Dworshak and Kooskia Hatcheries (1993-2001).

U.S. Environmental Protection Agency. 2001. Letter from U.S. EPA to Idaho Department of Environmental Quality, January 25, 2001 transmitting final additions to Idaho DEQ's 1998 Section 303(d) list of water quality limited waterbodies under Section 303 (d) of the Clean Water Act.

(USFWS) U.S. Fish and Wildlife Service. 2002. Monitoring reports of the January 6, 2002 diesel fuel spill into the Clearwater River by U.S. Fish and Wildlife Service personnel, Dworshak Hatchery. Includes Lewiston Morning Tribune newspaper articles on the spill.

(USFWS) U.S. Fish and Wildlife Service. 1995-2001. Clearwater basin watershed assessments. Boise, Idaho.

Weigel, D. 1998. Unpublished data from bull trout surveys in Kelly Creek, North Fork Clearwater River drainage. Nez Perce Tribe, Lapwai, Idaho.

Personal Communications

Capurso, Jim. 1997. U. S. Forest Service, Clearwater National Forest, Powell, ID. (Currently Caribou/Targhee National Forest, Idaho Falls). Fisheries Biologist.

Cochnauer, Tim. 1998. Idaho Department of Fish and Game, Lewiston, ID. Regional Fisheries Manager (Retired).

Dupont, Joe. 1998. Idaho Department of Lands, Coeur d'Alene, ID. (Currently Idaho Fish and Game, Coeur d'Alene). Fisheries Biologist.

Espinosa, F. Al. 1998. U. S. Forest Service, Clearwater National Forest (Retired). Fisheries Biologist

- Huntington, Charles. 2002. Clearwater BioStudies, Canby, OR. Biologist / Consultant.
- Jageman, Harry. 2002. U.S. Forest Service, Clearwater National Forest, Potlatch, ID. Wildlife Biologist.
- Jakober, Mike. 2002. U. S. Forest Service, Bitterroot National Forest. Sula, MT. Fisheries Biologist.
- Johnson, Craig. 2002. Bureau of Land Management, Cottonwood, Idaho. Fisheries Biologist.
- Key, Edward. 2002. U. S. Forest Service, Clearwater National Forest. Kamiah, ID. Fisheries Biologist.
- Mays, J. D. 2002. U. S. Forest Service, Nez Perce National Forest, Elk City, ID. Fisheries Biologist.
- Murphy, Pat. 2002. U. S. Forest Service, Clearwater National Forest. Orofino, ID. Fisheries Biologist.
- Paradis, Wayne. 2002. U. S. Forest Service, Nez Perce National Forest, Grangeville, ID. Fisheries Biologist.
- Russell, Scott. 2002. U. S. Forest Service, Nez Perce National Forest, Grangeville, ID. Fisheries Biologist.
- Roy, Johnna. 2002. U. S. Fish and Wildlife Service, Boise, ID. Wildlife Biologist.
- Schiff, Danielle. 2002. Idaho Department of Fish and Game, Lewiston, ID. Fisheries Biologist.
- Schriever, Ed. 2002. Idaho Department of Fish and Game, Lewiston, ID. Fisheries Biologist.

Statler, Dave. 2002. Nez Perce Tribe, Orofino, ID. Fisheries Biologist.

Thompson, Katherine. 2002. Nez Perce National Forest, Grangeville, ID. Fisheries Biologist.

Weigel, Dana. 2002. Currently at Bureau of Reclamation. Fisheries Biologist.
(Formerly at Nez Perce Tribe, Lapwai, ID.)