

REFERENCES CITED

- Adams, S.B. 1994. Bull trout distribution and habitat use in the Weiser River drainage, Idaho. M.S. Thesis, University of Idaho, Moscow, Idaho.
- Adams, S.B. 1996. Factors affecting distribution and co-occurrence of eastern brook trout and other fishes in the northern Rocky Mountains. Annual Progress Report for U.S. Forest Service, Intermountain Research Station, Boise, Idaho. Contract # 94953-RJVA.
- Adams, S.B. and T.C. Bjornn. 1997. Bull trout distribution related to temperature regimes in four central Idaho streams. Pages 371-380 in W.C. Mackay, M.K. Brewin and M. Monita, editors. Friends of the Bull Trout Conference Proceedings. Bull Trout Task Force (Alberta), c/o Trout Unlimited Calgary, Alberta, Canada.
- Batt, P.E. 1996. State of Idaho bull trout conservation plan. Office of the Governor, Boise, Idaho.
- Baxter, C.V. 2002. Fish Movement and Assemblage Dynamics in a Pacific Northwest Riverscape. Ph.D. Dissertation, Oregon State University. 174 p.
- Baxter, C.V., C.A. Frissell, and F.R. Hauer. 1999. Geomorphology, logging roads, and the distribution of bull trout spawning in a forested river basin: implications for management and conservation. Transactions of the American Fisheries Society 128:854-867.
- 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.
- Baxter, J. S., E. B. Taylor, R. H. Devlin, J. Hagen, and J. D. McPhail. 1997. Evidence for natural hybridization between Dolly Varden (*Salvelinus malma*) and bull trout (*Salvelinus confluentus*) in a northcentral British Columbia watershed. Can. J. Fish. Aquat. Sci. 54:421-429.
- Beauchamp, D. A. and J. J. VanTassell. 2001. Modeling seasonal trophic interactions of adfluvial bull trout in Lake Billy Chinook, Oregon. Transactions of the American Fisheries Society 130: 204-216.

- Berg, R.K. and E.K. Priest. 1995. Appendix Table 1: A list of stream and lake fishery surveys conducted by U.S. Forest Service and Montana Fish, Wildlife and Parks fishery biologists in the Clark Fork River drainage upstream of the confluence of the Flathead River the 1950's to the present. Montana Fish, Wildlife, and Parks, Job Progress Report, Project F-78-R-1, Helena, Montana.
- Berry, D.K. 1994. Alberta's bull trout management and recovery plan. Alberta Environmental Protection, U.S. Fish and Wildlife Service, Fisheries Management Division, Edmonton. May 1994.
- Beschta, R.L., R.E. Bilby, G.W. Brown, L.B. Holtby, and T.D. Hofstra. 1987. Stream temperature and aquatic habitat: fisheries and forestry interactions. Pages 191-232 in E.D. Salo and T.W. Cundy, eds. Streamside Management Forestry and Fisheries Interactions. Institute of Forest Resources, University of Washington, Seattle, Washington, Contribution No. 57.
- Boag, T.D. 1987. Food habits of bull char, *Salvelinus confluentus*, and rainbow trout, *Salmo gairdneri*, coexisting in a foothills stream in northern Alberta. Canadian Field-Naturalist 101:56-62.
- Bond, C.E. 1992. Notes on the nomenclature and distribution of the bull trout and the effects of human activity on the species. Pages 1-4 in P.J. Howell, and D.V. Buchanan, eds. Proceedings of the Gearhart Mountain Bull Trout Workshop. Oregon Chapter of the American Fisheries Society, Corvallis, Oregon.
- Bonneau, J.L. and D.L. Scarnecchia. 1996. Distribution of juvenile bull trout in a thermal gradient of a plunge pool in Granite Creek, Idaho. Transactions of the American Fisheries Society 125:628-630.
- Booth, D.B. 1991. Urbanization and the natural drainage systems - impacts, solutions and prognoses. The Northwest Environmental Journal 7:93-118.
- Brenkman, S. J., G. L. Larson, and R. E. Gresswell. 2001. Spawning migration of lacustrine-adfluvial bull trout in a natural area. Transactions of the American Fisheries Society 130:981-987.
- Brewin, P.A. and M.K. Brewin. 1997. Distribution maps for bull trout in Alberta. Pages 206-216 in W.C. Mackay, M.K. Brewin, and M. Monita, editors. Friends of the Bull Trout Conference Proceedings. Bull Trout Task Force (Alberta), c/o Trout Unlimited Calgary, Alberta, Canada.

- British Columbia. Environment. 1994. A strategic plan for the conservation and management of char in British Columbia.
- Brown, L.G. 1992. On the zoogeography and life history of Washington native char Dolly Varden (*Salvelinus malma*) and bull trout (*Salvelinus confluentus*). Washington Department of Wildlife, Fisheries Management Division Report, Olympia, Washington.
- Buchanan, D.M. 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. Pages 1-8 in W.C. Mackay, M.K. Brewin and M. Monita, editors. Friends of the Bull Trout Conference Proceedings. Bull Trout Task Force (Alberta), c/o Trout Unlimited Calgary, Alberta, Canada.
- Buchanan, D., M. Hanson, and R.M. Hooten. 1997. Status of Oregon's bull trout, distribution, life history, limiting factors, management considerations and status. Oregon Department of Fish and Wildlife, Portland, Oregon.
- Burkey, T.V. 1989. Extinction in nature reserves: the effect of fragmentation and the importance of migration between reserve fragments. *Oikos* 55:75-81.
- Burkey, T.V. 1995. Extinction rates in archipelagoes: Implications for populations in fragmented habitats. *Conservation Biology* 9:527-541.
- 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.
- Cavender, T.M. 1978. Taxonomy and distribution of the bull trout, *Salvelinus confluentus* (Suckley), from the American Northwest. *California Fish and Game* 64:139-174.
- Chad, E. 1997. Altered streambanks in Olympic National Park; balancing a dual mandate. Olympic National Park unpublished report, Port Angeles, Washington.
- Chamberlin, T.W., R.D. Harr, and F.H. Everest. 1991. Timber harvesting, silviculture and watershed processes in: influences of forest and rangeland management on salmonid fishes and their habitats. *American Fisheries Society Special Publication* 19:181-205.

- Chandler, J.A. and T.J. Richter. 2001. Downstream fall migrations of native salmonids from major tributaries associated with the Hells Canyon Complex - Snake River. Technical Bulletin No. 01-4, Idaho Bureau of Land Management. 26 p.
- 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.
- CBBTTAT Clearwater Basin Bull Trout Technical Advisory Team. 1998. Lower Clearwater River problem assessment. Prepared for the State of Idaho. November 1998.
- Conley, J.M. 1993. Bull trout management plan. Idaho Department of Fish and Game, Boise, Idaho. April 1993.
- Craig, S.D. and R.C. Wissmar. 1993. Habitat conditions influencing a remnant bull trout spawning population, Gold Creek, Washington. (draft report) Fisheries Research Institute, University of Washington. Seattle, Washington.
- Crane, P.A., L.W. Seeb, and J.E. Seeb. 1994. Genetic relationships among *Salvelinus* species inferred from allozyme data. Canadian Journal of Fisheries and Aquatic Sciences 51:182-197.
- Donald, D.B. and D.J. Alger. 1993. Geographic distribution, species displacement, and niche overlap for lake trout and bull trout in mountain lakes. Canadian Journal of Zoology 71: 238-247.
- Dorratcaque, D.E. 1986. Final report-Lemhi River habitat improvement study. Report to U.S. Department of Energy, Bonneville Power Administration. Project No. 84-28.
- 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.
- Faler, M.P. and T.B. Bair. 1991. Migration and distribution of adfluvial bull trout in Swift Reservoir, the North Fork Lewis River and tributaries. Draft Report. U.S. Forest Service, Wind River Ranger District, Carson, Washington.

- Flatter, B. 1998. Life history and population status of migratory bull trout (*Salvelinus confluentus*) in Arrowrock Reservoir, Idaho. Prepared for U.S. Bureau of Reclamation by Idaho Department of Fish and Game, Nampa, Idaho.
- Fraley, J.J. and B.B. Shepard. 1989. Life history, ecology and population status of migratory bull trout (*Salvelinus confluentus*) in the Flathead Lake and River system, Montana. *Northwest Science* 63:133-143.
- Fredenberg, W. 1996. Bull trout status report for the international headwaters of the Oldman River drainage: Saint Mary, Belly, and Waterton rivers. U.S. Fish and Wildlife Service, Kalispell, Montana.
- Fredenberg, W. 2000. Lake trout in the Pacific northwest-"When good fish go bad." Abstract in Proceedings of the 10th International Aquatic Nuisance Species and Zebra Mussel Conference. Toronto, Canada.
- Fredericks, J. 1999. Exotic fish removal: Upper Priest and Lightning Creek drainages. Annual progress report. Idaho Department of Fish and Game. Coeur d'Alene, Idaho.
- Frissell, C.A. 1993. Topology of extinction and endangerment of native fishes in the Pacific Northwest and California. *Conservation Biology* 7:342-354.
- Furniss, M.J., T.D. Roelofs, and C.S. Yee. 1991. Road construction and maintenance. *American Fisheries Society Special Publication* 19:297-323.
- Gamett, B. 1999. The history and status of fishes in the Little Lost River drainage, Idaho. Salmon-Challis National Forest, Idaho Department of Fish and Game, U.S. Bureau of Land Management, Sagewillow, Inc. May 1999 draft.
- Goetz, F. 1989. Biology of the bull trout, *Salvelinus confluentus*, literature review. U.S. Forest Service, Willamette National Forest, Eugene, Oregon.
- Goetz, F. 1994. Distribution and juvenile ecology of bull trout (*Salvelinus confluentus*) in the Cascade Mountains. M.S. Thesis. Oregon State University, Corvallis, Oregon.
- Gresswell, R.E. 1999. Fire and aquatic ecosystems in forested biomes of North America. *Transactions of the American Fisheries Society* 128:193-221.

- Haas, G.R. and J.D. McPhail. 1991. Systematics and distributions of Dolly Varden (*Salvelinus malma*) and bull trout (*Salvelinus confluentus*) in North America. *Canadian Journal of Fisheries and Aquatic Sciences* 48:2191-2211.
- Hagen, J. and E. B. Taylor. 2001. Resource partitioning as a factor limiting gene flow in hybridizing populations of Dolly Varden char (*Salvelinus malma*) and bull trout (*Salvelinus confluentus*). *Canadian Journal of Fisheries and Aquatic Sciences* 58: 2037-2047.
- Hansen, B. and J. DosSantos. 1997. Distribution and management of bull trout populations on the Flathead Indian Reservation, western Montana, USA. Pages 249-253 in W.C. Mackay, M.K. Brewin and M. Monita, editors. *Friends of the Bull Trout Conference Proceedings*. Bull Trout Task Force (Alberta), c/o Trout Unlimited Calgary, Alberta, Canada.
- Hanski, I and M.E. Gilpin. 1997 *Metapopulation Biology: Ecology, Genetics & Evolution*. - Academic Press, London. 512 pp.
- Hemmingsen, A.R., S.L. Gunckel, P.M. Sankovich, and P.J. Howell. 2001a. Bull trout life history, genetics, habitat needs, and limiting factors in central and northeast Oregon. 1999 annual report. Prepared for: U.S. Department of Energy, Bonneville Power Administration, Environment, Fish and Wildlife. Project Number 199405400, Contract Number 94B134342. Portland, Oregon. 42 p.
- Hemmingsen, A.R., S.L. Gunckel, P.M. Sankovich, and P.J. Howell. 2001b. Bull trout life history, genetics, habitat needs, and limiting factors in central and northeast Oregon.

2000 annual report. Prepared for: U.S. Department of Energy, Bonneville Power Administration, Environment, Fish and Wildlife. Project Number 199405400, Contract Number 94B134342. Portland, Oregon. 42 p.
- 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.

- Hicks, M. 2000. Evaluation standards for protecting aquatic life in Washington's surface water quality standards, temperature criteria. Washington State Department of Ecology, Watershed Management Section. Preliminary review draft discussion paper. June 2000.
- Hoelscher, B. and T.C. Bjornn. 1989. Habitat, density and potential production of trout and char in Pend Oreille Lake tributaries. Project F-71-R-10, Subproject III, Job No. 8. Idaho Department of Fish and Game, Boise, Idaho.
- Holton, G.D. and H.E. Johnson. 1996. A field guide to Montana fishers, 2nd edition. Montana Fish, Wildlife and Parks, Helena, Montana.
- Howell, P.J. and D.V. Buchanan. 1992. Proceedings of the Gearhart Mountain Bull Trout Workshop. Oregon Chapter of the American Fisheries Society, Corvallis, Oregon.
- IDHW Idaho Department of Health and Welfare. 1991. Salmon River basin status report. Interagency summary for the basin area meeting implementing the antidegradation agreement. Idaho Department of Health and Welfare, Division of Environmental Quality.
- Jakober, M. 1995. Autumn and winter movement and habitat use of resident bull trout and westslope cutthroat trout in Montana. M.S. Thesis, Montana State University, Bozeman, Montana.
- Johnson, G.L. 1990. Bull Trout Species Management Plan. Nevada Department of Wildlife. Federal Aid Project No. F-20-26, Job No. 207.4.
- Johnson, G.L. 1999. The status of the bull trout in Nevada. Nevada Department of Conservation and Natural Resources, Nevada Division of Wildlife. Reno, Nevada.
- Johnson, H.E. and C.L. Schmidt. 1988. Clark Fork Basin Project Status Report and Action Plan. Clark Fork Basin Project. Office of the Governor, Helena, Montana.
- Johnson, G.L. and D.E. Weller. 1994. Status of the bull trout in Nevada. Nevada Department of Conservation and Natural Resources, Nevada Division of Wildlife. Reno, Nevada.

- Jones, J.A., F.J. Swanson, B.C. Wemple, and K.U. Snyder. 2000. Effects of roads on hydrology, geomorphology, and disturbance patches in stream networks. *Conservation Biology* 14:76-85.
- Kanda, N. 1998. Genetics and conservation of bull trout: Comparison of population genetic structure among different genetic markers and hybridization with brook trout. Doctoral Dissertation. University of Montana, Missoula, Montana.
- Kanda, N. and F.W. Allendorf. 2001. Genetic population structure of bull trout from the Flathead River Basin as shown by microsatellites and mitochondrial DNA markers. *Transactions of the American Fisheries Society* 130: 92-106.
- Kanda, N., R. Leary and F.W. Allendorf. 1997. Population genetic structure of bull trout in the upper Flathead River drainage. Pages 299-308 in W.C. Mackay, M.K. Brewin and M. Monita, editors. *Friends of the Bull Trout Conference Proceedings*. Bull Trout Task Force (Alberta), c/o Trout Unlimited Calgary, Alberta, Canada.
- Kelly-Ringel, B. and J. DeLaVergne. 2001. Wenatchee River Basin bull trout telemetry study. Draft 2000 Progress Report. 6 p.
- Kelly-Ringel, B. and J. DeLaVergne. 2002. Wenatchee River Basin bull trout telemetry study. Draft 2002 Progress Report. 6 p.
- Ketcheson, G.L. and W.F. Megahan. 1996. Sediment production and downslope sediment transport from forest roads in granitic watersheds. U.S. Forest Service, Intermountain Research Station, Boise, Idaho, Research Paper INT-RP-486.
- Kitano, S., K. Maekawa, S. Nakano, and K. D. Fausch. 1994. Spawning behavior of bull trout in the upper Flathead drainage, Montana, with special reference to hybridization with brook trout. *Transactions of the American Fisheries Society* 123: 988-992.
- Kleinschmidt Associates and K.L. Pratt. 1998. Clark Fork River native salmonid restoration plan. Washington Water and Power Company, Clark Fork Relicensing Team Fisheries Working Group.
- Kreiter, S. 2001. Bull trout study updates, 2001. www.chelanpud.org/rr_relicense/ Chelan PUD, Wenatchee, Washington.

- Kreiter, S. 2002. Bull trout study updates, 2002. www.chelanpud.org/rr_relicense/ Chelan PUD, Wenatchee, Washington.
- Leary, 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.
- Leary, 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.
- Leathe, S.A. and P. Graham. 1982. Flathead Lake fish food habits study. Environmental Protection Agency, through Steering Committee for the Flathead River Basin Environmental Impact Study. Contract R008224-01-4 to Montana Department of Fish, Wildlife and Parks.
- Light, J., L. Herger, and M. Robinson. 1996. Upper Klamath basin bull trout conservation strategy, a conceptual framework for recovery. Part one. The Klamath Basin Bull Trout Working Group.
- Maclay, D.J. 1940. Tentative fish management plan - St. Joe National Forest.
- Markle, D.F. 1992. Evidence of bull trout x brook trout hybrids in Oregon. Pages 58-67 in *Proceedings of the Gearhart Mountain Bull Trout Workshop*. Oregon Chapter American Fisheries Society.
- 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.
- Mausser, G.R., R.W. Vogelsang, and C.L. Smith. 1988. Enhancement of trout in large north Idaho lakes. Idaho Department of Fish and Game. Project No. F-73-R10.
- McIntosh, B.A., J.R. Sedell, J.E. Smith, R.C. Wissmar, S.E. Clarke, G.H. Reeves, and L.A. Brown. 1994. Management history of eastside ecosystems: Changes in fish habitat over 50 years, 1935 to 1992. U.S. Forest Service, Pacific Northwest Research Station, General Technical Report. PNW-GTR 321.
- McMahon, T., A. Zale, J. Selong, and R. Barrows. 1998. Growth and survival temperature criteria for bull trout: Annual report 1998. Montana State

- University and U.S. Fish and Wildlife Service Bozeman Fish Technology Center. Bozeman, Montana.
- McMahon, T., A. Zale, J. Selong, and R. Barrows. 1999. Growth and survival temperature criteria for bull trout: Annual report 1999 (year two). Montana State University and U.S. Fish and Wildlife Service Bozeman Fish Technology Center. Bozeman, Montana.
- McNeill, M.E., J. Frederick, and B. Whalen. 1997. Jarbidge River Watershed Analysis. Jarbidge Ranger District, Humboldt-Toiyabe National Forests.
- McPhail, J.D. and J.S. Baxter. 1996. A review of bull trout (*Salvelinus confluentus*) life-history and habitat use in relation to compensation and improvement opportunities. Department of Zoology, University of British Columbia. Fisheries Management Report No. 104. Vancouver, British Columbia, Canada.
- Meehan, W.R. (ed.). 1991. Influences of Forest and Rangeland Management on Salmonid Fishes and Their Habitats. American Fisheries Society Special Publication 19.
- Meffe, G.K. and C.R. Carroll. 1994. Principles of conservation biology. Sinauer Associates, Inc. Sunderland, Massachusetts.
- Montana. 1996. Administrative Rules of Montana. Water quality administrative rules.
- MBTRT Montana Bull Trout Restoration Team. 2000. Restoration plan for bull trout in the Clark Fork River basin and Kootenai River basin Montana. Montana Fish, Wildlife and Parks, Helena, Montana. June 2000.
- MBTSG Montana Bull Trout Scientific Group. 1995a. Upper Clark Fork River drainage bull trout status report (including Rock Creek). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1995b. Bitterroot River drainage bull trout status report. Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1995c. Blackfoot River drainage bull trout status report. Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1995d. Flathead River drainage bull trout status report (including Flathead Lake, the North and Middle forks of the

- Flathead River and the Stillwater and Whitefish rivers). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1995e. South Fork Flathead River drainage bull trout status report (upstream of Hungry Horse Dam). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996a. Swan River drainage bull trout status report (including Swan Lake). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996b. Lower Clark Fork River drainage bull trout status report (Cabinet Gorge Dam to Thompson Falls). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996c. Middle Clark Fork River drainage bull trout status report (from Thompson Falls to Milltown, including the lower Flathead River to Kerr Dam). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996d. Lower Kootenai River drainage bull trout status report (below Kootenai Falls). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996e. Middle Kootenai River drainage bull trout status report (between Kootenai Falls and Libby Dam). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996f. Upper Kootenai River drainage bull trout status report (including Lake Koocanusa, upstream of Libby Dam). Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996g. The role of stocking in bull trout recovery. Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1996h. Assessment of methods for removal or suppression of introduced fish to aid in bull trout recovery. Montana Bull Trout Restoration Team. Helena, Montana.
- MBTSG Montana Bull Trout Scientific Group. 1998. The relationship between land management activities and habitat requirements of bull trout. Montana Bull Trout Restoration Team. Helena, Montana.

- MDHES Montana Department of Health and Environmental Sciences. 1994. Montana water quality 1994. The Montana 305(b) Report. Water Quality Division, Helena, Montana.
- MFWP Montana Fish, Wildlife and Parks. 1997. Montana warmwater fisheries management plan 1997-2006. Unpublished Report. Montana Fish, Wildlife and Parks, Helena, Montana.
- Moore, J.N., S.N. Luoma, and D. Peters. 1991. Downstream effects of mine effluent on an intermontane riparian system. *Canadian Journal of Fisheries and Aquatic Sciences* 48:222-232.
- Moyle, P.B. 1976. *Inland Fishes of California*. University of California Press, Berkeley, California.
- Mullan, J.W., K.R. Williams, G. Rhodus, T.W. Hillman, and J.D. McIntrye. 1992. Production and habitat of salmonids in Mid-Columbia River tributary streams. U.S. Fish and Wildlife Service. Monograph I.
- Nakano, S., S. Kitano, K. Nakai, and K. D. Fausch. 1998. Competitive interactions for foraging microhabitat among introduced brook charr, *Salvelinus fontinalis*, and native bull charr, *S. confluentus*, and west slope cutthroat trout, *Oncorhynchus clarki lewisi*, in a Montana stream. *Environmental Biology of Fishes* 52: 345-355.
- NRC National Research Council. 1996. *Upstream: Salmon and Society in the Pacific Northwest*. NRC, Washington, D.C.
- 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.
- Nelson, M.L. 1999. Evaluation of the potential for "resident" bull trout to reestablish the migratory life-form. M.S. Thesis, Montana State University, Bozeman.
- Nelson, M.L., T.C. McMahon, and R.F. Thurow. in review. Loss of the migratory life history form in bull char, *Salvelinus confluentus*, populations and potential for reestablishment. *Environmental Biology of Fishes*.

- Neraas, L.P. and P. Spruell. 2001. Fragmentation of riverine systems: the genetic effects of dams on bull trout (*Salvelinus confluentus*) in the Clark Fork River system. *Molecular Ecology* 10: 1153-1164.
- Nesler, T.P. and E.P. Bergersen, (eds). 1991. Mysids in fisheries: Hard lessons from headlong introductions. *American Fisheries Society Symposium* 9.
- Newton, J.A. and S. Pribyl. 1994. Bull trout population summary: Lower Deschutes River subbasin. Oregon Department of Fish and Wildlife, The Dalles, Oregon.
- Oregon. 1996. Oregon administrative rules, proposed amendments to OAR 340-41-685 and OAR 340-41-026. January 11, 1996.
- Oregon. 1997. Coastal Salmon Restoration Initiative. The Oregon Plan. State of Oregon.
- ODEQ Oregon Department of Environmental Quality. 1996. ODEQ's 1994/1996 303(d) list of water quality limited water bodies and Oregon's criteria used for listing water bodies.
- Overton, C.K., M.A. Radko, and R.L. Nelson. 1993. Fish habitat conditions; using the northern/intermountain region's inventory procedures for detecting differences on two differently managed watersheds. U.S. Forest Service Intermountain Research Station, Boise, Idaho. INT-300.
- PBTTAT Panhandle Bull Trout Technical Advisory Team. 1998. Coeur d'Alene Lake Basin Bull Trout Problem Assessment. Prepared for the State of Idaho. Draft, December 1998.
- Partridge, F.E. and C.D. Warren. 1998. Monitoring of migrating bull trout in the Jarbidge River. Prepared by Idaho Department of Fish and Game for the Lower Snake Idaho District Office, U.S. Bureau of Land Management. Boise, Idaho.
- Platts, W., M. Hill, W. Hillman, and R. Miller. 1993. Preliminary status report on bull trout in California, Idaho, Montana, Nevada, Oregon and Washington. Prepared for the Intermountain Forest Industries Association, Coeur d'Alene, Idaho.
- Platts, W., M. Hill, and I. Hopkins. 1995. Historical trends in bull trout abundance in Idaho, Montana, Oregon, and Washington (draft report). Unpublished Report, Intermountain Forest Industry Association, Coeur d'Alene, Idaho.

- Pratt, K.L. 1985. Pend Oreille trout and char life history study. Idaho Department of Fish and Game in cooperation with the Pend Oreille Idaho Club.
- Pratt, K.L. 1992. A review of bull trout life history. Pages 5-9 in P.J. Howell, and D.V. Buchanan, eds. Proceedings of the Gearhart Mountain Bull Trout Workshop. Oregon Chapter of the American Fisheries Society, Corvallis, Oregon.
- Pratt, K.L. and J.E. Huston. 1993. Status of bull trout (*Salvelinus confluentus*) in Lake Pend Oreille and the lower Clark Fork River. Draft report. Prepared for the Washington Water Power Company, Spokane, Washington.
- PSWQAT Puget Sound Water Quality Action Team. 2000. 2000 Puget Sound update: Seventh Report of the Puget Sound Ambient Monitoring Program. Puget Sound Water Quality Action Team. Olympia, Washington.
- Quigley, T.M. and S.J. Arbelbide, tech. eds. 1997. An assessment of ecosystem components in the Interior Columbia Basin and portions of the Klamath and Great Basins: volume III. Gen. Tech. Rep. PNW-GTR-405. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 4 vol.
- R2 Resource Consultants, Inc. 1993. Upper Cedar River watershed fisheries study: Bull trout interim status report. A report prepared for the Seattle Water Department. Redmond, Washington.
- Ramsey, K.J. 1997. Biological Evaluation for Bull Trout; Jarbidge Canyon Road Reconstruction Proposal and Alternatives. U.S. Forest Service, Humboldt-Toiyabe National Forest, Elko, Nevada.
- Ratliff, D.E. and P.J. Howell. 1992. The status of bull trout populations in Oregon. Pages 10-17 in P.J. Howell and D.V. Buchanan, eds. Proceedings of the Gearhart Mountain Bull Trout Workshop. Oregon Chapter of the American Fisheries Society, Corvallis, Oregon.
- Rich, C.F., Jr. 1996. Influence of abiotic and biotic factors on occurrence of resident bull trout in fragmented habitats, western Montana. M.S. Thesis, Montana State University, Bozeman, Montana.
- Richards, S. 2002. A summary of activities associated with fish counting at McNary, Ice Harbor, Lower Monumental, Little Goose, and Lower Granite dams, 2001. Submitted to: Department of Army, Walla Walla District Corps of Engineers.

- 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., D. Lee, G. Chandler, and D. Myers. 1997a. Does wildfire threaten extinction for salmonids: responses of redband trout and bull trout following recent large fires on the Boise National Forest. Pages 47-57 in J. Greenlee, ed. *Proceedings of the symposium on fire effects on threatened and endangered and habitats*. International Association of Wildland Fire, Fairfield, Washington.
- Rieman, B.E. and J.L. Clayton. 1997. Wildfire and native fish: Issues of forest health and conservation of native fishes. *Fisheries* 22(11):6-15.
- 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., D.C. Lee, and R.F. Thurow. 1997b. 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.
- Rieman, B.E. and J.D. McIntyre. 1993. Demographic and habitat requirements for conservation of bull trout. U.S. Forest Service, Intermountain Research Station. General Technical Report INT-302.
- 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. 1996. Spatial and temporal variability in bull trout redd counts. *North American Journal of Fisheries Management* 16:132-146.
- Rinne, J.R., J.E. Johnson, B.L. A.W. Ruger, and R. Sorenson. 1986. The role of hatcheries in the management and recovery of threatened and endangered fishes. Pages 271-285 in R.H. Stroud, ed. *Fish culture in fisheries management*. American Fisheries Society, Fish Culture Section and Fisheries Management, Bethesda, Maryland.
- Rode, M. 1990. Bull trout, *Salvelinus confluentus* Suckley, in the McCloud River: status and recovery recommendations. Administrative Report Number 90-15. California Department of Fish and Game, Sacramento, California.

- 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. 1992. River and stream investigations. Job Performance Report, Project F-73-R-13. Idaho Department of Fish and Game, Boise, Idaho.
- Sedell, J.R. and F.H. Everest. 1991. Historic changes in pool habitat for Columbia River Basin salmon under study for TES listing. Draft U.S. Department of Agriculture Report, Pacific Northwest Research Station, Corvallis, Oregon.
- Sexauer, H.M. and P.W. James. 1997. Microhabitat use by juvenile trout in four streams located in the eastern Cascades, Washington. Pages 361-370 in W.C. Mackay, M.K. Brewin and M. Monita, editors. Friends of the Bull Trout Conference Proceedings. Bull Trout Task Force (Alberta), c/o Trout Unlimited Calgary, Alberta, Canada.
- Simpson, J.C. and R.L. Wallace. 1982. Fishes of Idaho. University Press of Idaho. Moscow, Idaho.
- 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. Pages 187-201 in M.K. Brewin and D.M.A. Monita, technical coordinators. Forest-Fish Conference: Land Management Practices Affecting Aquatic Ecosystems. Proceedings of the Forest-Fish Conference, Calgary, Alberta, May 1-4, 1996. Natural Resources Canada, Canadian Forest Service, Northern Forestry Centre. Information report NOR-X-356.
- Spruell, P. and F.W. Allendorf. 1997. Nuclear DNA analysis of Oregon bull trout. Final report. University of Montana, Missoula, Montana.
- Spruell, P., A.R. Hemmingsen, N. Kanda, and F.W. Allendorf. 1998. Conservation genetics of bull trout: geographic distribution of variation at microsatellite loci. Unpublished draft manuscript.

- 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.
- Spruell, P., Wilson, Z., and Allendorf, F. W. 1998. Genetic analysis of Lewis River bull trout. Final Report WTSGL-102 to PacifiCorp. Wild Trout and Salmon Genetics Lab, Division of Biological Sciences, University of Montana.
- Sullivan, K.J., 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 Department of Natural Resources, Olympia, Washington.
- Swanberg, T.R. 1997. Movements of and habitat use by fluvial bull trout in the Blackfoot River, Montana. *Transactions of the American Fisheries Society* 126:735-746.
- 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. Pages 83-93 in M.K. Brewin and D.M.A. Monita, technical coordinators. Forest-Fish Conference: Land Management Practices Affecting Aquatic Ecosystems. Proceedings of the Forest-Fish Conference, Calgary, Alberta, May 1-4, 1996. Natural Resources Canada, Canadian Forest Service, Northern Forestry Centre. Information report NOR-X-356.
- Taylor, E.B., S. Pollard, and D. Louie. 1999. Mitochondrial DNA variation in bull trout (*Salvelinus confluentus*) from northwestern North America: implications for zoogeography and conservation. *Molecular Ecology* 8:1155-1170.
- Taylor, E. B., Redenbach, Z., Costello, A. B., Pollard, S. M., and Pacas, C. J. 2001. Nested analysis of genetic diversity in northwestern North American char, Dolly Varden (*Salvelinus malma*) and bull trout (*Salvelinus confluentus*). *Canadian Journal of Fisheries and Aquatic Sciences* 58: 406-420.
- Thom, R.M., D.K. Shreffler, and K. Macdonald. 1994. Shoreline armoring effects on coastal ecology and biological resources in Pudget Sound, Washington, Coastal Erosion Management Studies, Volume 7. Report 94- 80. Shorelands and Coastal Zone Management Program, Washington Department of Ecology, Olympia, Washington.

- Thomas, G. 1992. Status of bull trout in Montana. Report prepared for Montana Department of Fish, Wildlife and Parks, Helena, Montana.
- Thurrow, R. 1985. Middle Fork Salmon River fisheries investigations. Federal Aid in Fish Restoration, Job Completion Report, Project F-73-R-6. Idaho Department of Fish and Game, Boise, Idaho.
- Thurrow, R. F., Lee, D. C., and Rieman, B. E. 1997. Distribution and status of seven native salmonids in the interior Columbia River Basin and portions of the Klamath River and Great Basins. *North Am. J. Fish. Management* 17: 1094-1110.
- Trombulak, S.C. and C.A. Frissell. 2000. Review of ecological effects of roads on terrestrial and aquatic communities. *Conservation Biology* 14:18-30.
- Uberuaga, R.D. 1993. Biological evaluation of the effects of the proposed Steen Creek fire salvage timber sale on bull trout (*Salvelinus confluentus*) and redband trout (*Oncorhynchus mykiss gibbsi*). U.S. Forest Service, Payette National Forest, Council, Idaho.
- USDA U.S. Department of Agriculture. 1995. Inland Native Fish Strategy Environmental Assessment. Forest Service; Intermountain, Northern, and Pacific Northwest Regions.
- USDA and USDI U.S. Department of Agriculture and United States Department of the Interior. 1995. Decision Notice/Decision Record Finding of No Significant Impact Environmental Assessment for the Interim Strategies for Managing Anadromous Fish-producing Watersheds in Washington, Idaho, and Portions of California.
- USDA and USDI U.S. Department of Agriculture and United States Department of the Interior. 1996. Status of the Interior Columbia Basin, Summary of Scientific Findings.
- USDA and USDI U.S. Department of Agriculture and United States Department of the Interior. 1997. Interior Columbia River Basin Ecosystem Management Project, Upper Columbia River Basin Draft Environmental Impact Statement. Vol I., Vol II, Vol III.
- USEPA U.S. Environmental Protection Agency. 1994. The 1994 303(d) list for the State of Idaho.

- USFWS U.S. Fish and Wildlife Service. 1998a. Klamath River and Columbia River bull trout population segments: status summary. Prepared by the Service's bull trout listing team.
- USFWS U.S. Fish and Wildlife Service. 1998b. Biological opinion for the effects to bull trout from continued implementation of land and resource management plans and resource management plans as amended by the Interim Strategy for Managing Fish-producing Watershed 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). Regions 1 and 6.
- USFWS U.S. Fish and Wildlife Service 1998c. Bull trout interim conservation guidance.
- USFWS U.S. Fish and Wildlife Service 1998d. Reinitiation of the Biological Opinion and Conference Opinion on the Amendment of an Incidental Take Permit (PRT-812521) for the Washington State Department of Natural Resources' Habitat Conservation Plan to Include Bull Trout (*Salvelinus confluentus*) on the Permit (FWS Reference: 1-3-96-FW-594; X-Reference 1-3-9-HCP-013). Western Washington Office, Lacey, Washington.
- USFWS U.S. Fish and Wildlife Service 1998e. Greenback Cutthroat Trout Recovery Plan. Prepared by Greenback Cutthroat Trout Recovery Plan, Region 6.
- USFWS U.S. Fish and Wildlife Service 2000. Biological opinion for the effects to bull trout from continued implementation of Land and Resource Management Plans and Resource Management Plans as amended by the Northwest Forest Plan Record of Decision. Region 1, Portland, Oregon.
- USNPS U.S. National Park Service. 2000. Environmental assessment on Hoh road reroute, Olympic National Park, Washington. Olympic National Park, Division of Natural Resources Management, Port Angeles, Washington.
- Vidergar, D.T. 2000. Population estimates, food habits and estimates of consumption of selected predatory fishes in Lake Pend Oreille, Idaho. M.S. Thesis, University of Idaho, Moscow, Idaho.
- Wagner, E. and T. Hinson. 1993. Evaluation of adult fallback through McNary Dam Juvenile bypass system. Financed by U.S. Army Corps of Engineers. Contract Number DACW68-82-C-0077.

- Wagner, E. and P. Ingram. 1973. Evaluation of fish facilities and passage at Foster and Green Peter Dams on the South Santiam River drainage in Oregon. Financed by U.S. Army Corps of Engineers-Portland District. Contract Number DACW57-68-C-0013.
- Wagner, P. 1991. 1991 Evaluation of the use of the McNary by pass system to divert adult fallbacks from the turbine intakes. Final Report prepared for U.S. Army Corps of Engineers, modification contract DACW68-82-C-0077, Task Order Number 9. Washington Department of Fisheries, Habitat Management Division, Olympia, Washington. 18 p.
- Warren, C.D. and F.E. Partridge. 1993. Evaluation of the status of bull trout in the Jarbidge River drainage, Idaho. U.S. Bureau of Land Management Technical Bulletin No. 93-1.
- Washington. 1997. Water quality standards for surface waters of the state of Washington. Washington administrative code, chapter 173-201A WAC. November 18, 1997.
- WDE Washington Department of Ecology. 1992. 1992 statewide water quality assessment. 305(B) report.
- WDFW Washington Department of Fish and Wildlife. 1998. Washington State Salmonid Stock Inventory: Bull Trout/Dolly Varden. Washington Department of Fish and Wildlife, Fish Management.
- WDFW Washington Department of Fish and Wildlife. 2000. Bull trout and Dolly Varden management Plan. Washington Department of Fish and Wildlife, Fish Management Division, Fish Program, Olympia, Washington. September 2000.
- WDFW Washington Department of Fish and Wildlife, FishPro Inc., and Beak Consultants. 1997. Grandy Creek trout hatchery biological assessment.
- WDF and WDW Washington Department of Fisheries, Washington Department of Wildlife, and Western Washington Treaty Indian Tribes. 1993. 1992 Salmon and steelhead stock inventory (SASSI). 212 pp. and 5 regional appendices.
- WDW Washington Department of Wildlife. 1992. Bull trout/Dolly Varden management and recovery plan. Washington Department Number 92-22, Fisheries Management Division, Olympia, Washington.

- Washington Forest Practices Board. 2000. Washington forest practices: rules-WAC 222 (including emergency rules), board manual (watershed manual not included), Forest Practices Act, RCW 76.09. Washington Forest Practices Board, Olympia, Washington.
- Washington Governor's Salmon Recovery Office. 1999. Draft statewide strategy to recover salmon, extinct is not an option. Olympia, Washington. January 1999.
- Watson, G. and T.W. Hillman. 1997. Factors affecting the distribution and abundance of bull trout: and investigation at hierarchical scales. *North American Journal of Fisheries Management* 17:237-252.
- Williams, R.N., R.P. Evans, and D.J. Shiozawa. 1997. Mitochondrial DNA diversity in bull trout from the Columbia River basin. Pages 283-297 in W.C. Mackay, M.K. Brewin, and M. Monita, eds. *Friends of the Bull Trout Conference Proceedings*. Bull Trout Task Force, Trout Unlimited, Calgary, Alberta.
- Williams, R.N., R.P. Evans, and D.K. Shiozawa. 1995. Mitochondrial DNA diversity in bull trout from the Columbia River basin. *Idaho Bureau of Land Management Technical Bulletin No. 95-1*.
- 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.
- Ziller, J.S. 1992. Distribution and relative abundance of bull trout in the Sprague River subbasin, Oregon. Pages 18-29 in P.J. Howell, and D.V. Buchanan, eds. *Proceedings of the Gearhart Mountain Bull Trout Workshop*. Oregon Chapter of the American Fisheries Society, Corvallis, Oregon.
- Zoellick, B.W., R. Armstrong, and J. Klott. 1996. Status of the migratory bull trout population in the Jarbidge River drainage. *U.S. Bureau of Land Management Technical Bulletin No. 96-5*.

***In litt.* References**

- Bodurtha, T., U.S. Fish and Wildlife Service, *in litt.* 1995. Memo on bull trout threats from active hydropower development in Washington, to Shelley Spalding, Montana Fish, Wildlife and Parks, Helena, Montana. 10 pages.

Bull Trout Workshop, *in litt.* 2002. Draft workshop report on Bull Trout Monitoring and Evaluation held in Welches, Oregon. 46 pages.

Dunsmoor, L., and C. Bienz, Klamath Tribe, *in litt.* 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 pages.

Frederick J., U.S. Forest Service, *in litt.* 1998. Letter commenting on threats to bull trout in the Jarbidge River, to Bob Hallock, U.S. Fish and Wildlife Service, Spokane, Washington. 2 pages.

Gilpin, M., University of California, *in litt.* 1997. Bull trout connectivity on the Clark Fork River, letter to Shelly Saplding, Montana Department of Fish, Wildlife and Parks, Helena, Montana. 5 pages.

Graham, P., Montana Fish, Wildlife and Parks, and B. Clinch, Montana Department of Natural Resources and Conservation, *in litt.* 1997. Comments on the 1997 proposed rule to list for bull trout to Robert Ruesink, U.S. Fish and Wildlife Service, Boise, Idaho. 10 pages.

Idaho Department of Fish and Game, *in litt.* 1995. List of streams compiled by IDFG where bull trout have been extirpated, fax from Bill Horton, IDFG, to Trish Klahr, U.S. Fish and Wildlife Service, Boise, Idaho. 3 pages.

Marnell, L., National Park Service, *in litt.* 1995. Letter discussing bull trout in Glacier National Park to Wade Fredenberg, U.S. Fish and Wildlife Service, Kalispell, Montana. 4 pages.

Montana Fish, Wildlife and Parks, *in litt.* 1999. Region 1 news release concerning single lake trout caught in the Swan River. December 16, 1999.

Nevada Division Environmental Protection, *in litt.* 1998. Water temperature standards for the Jarbidge River. Fax from John Heggeness, to Bob Hallock, U.S. Fish and Wildlife Service, Spokane, Washington. 6 pages.

Oregon Department of Fish and Wildlife, *in litt.* 2001. Walla Walla River fish screen bypass bull trout information, Powerdale Dam (Hood River) fish ladder bull trout count and tagging records.

Palmisano, J., and V. Kaczynski, Northwest Forest Resource Council, *in litt.* 1997. Comments of the NFRC 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. 105 pages.
- Patten, R., and J. Penzkover, Panhandle National Forest, *in litt.* 1996. 1995 flood assessment for Idaho Panhandle National Forest to Dave Wright, Idaho Panhandle National Forest, Coeur d'Alene, Idaho. 2 pages with 7 additional attachments.
- Sprague, Cal, U.S. Army Corps of Engineers, *in litt.* 2002. Memorandum to Marv Yoshinaka, U.S. Fish and Wildlife Service, regarding bull trout passage records at Bonneville Dam. March 26, 2002.
- Vashro, J, Montana Fish, Wildlife and Parks, *in litt.* 2000. Montana unauthorized fish introduction database. February, 2000. 2 pages with attachment.
- Wachtel, M, Wahsington Department of Fish and Wildlife, *in litt.* 2000. Memorandum to J. Byrne regarding Dolly Varden/bull trout reported catch by northern pikeminnow sport-reward fishery.
- Weaver, T., Montana Department of Fish, Wildlife and Parks, *in litt.* 1993. Inter-office memo of 1993 bull trout spawning runs - Flathead basin to Fish Staff. 9 pages.
- Werdon, S., U.S. Fish and Wildlife Service, *in litt.* 2001. Email message concerning bull trout observed in Dave Creek, Jarbidge River basin, during temperature monitoring survey conducted in 1999.

Pers. Comm. References

- Telephone conversation record dated November 13, 1997, from Rod Berg, MFWP to Lori Nordstrom, U.S. Fish and Wildlife Service, Helena, Montana. Subject: MBTSG status reports.
- Telephone conversation record dated July 1, 1997, from Tim Burton, Boise National Forest, to Rachel Strach, U.S. Fish and Wildlife Service, Boise, Idaho. Subject: Bull trout hybrids on the Boise National Forest.
- Telephone conversation record dated March 21, 2002, from James Chandler, Idaho Power Company, to Marv Yoshinaka, U.S. Fish and Wildlife Service, Vancouver, Washington. Subject: Radio-telemetry studies on Hells Canyon Complex reach of the Snake River.

Telephone conversation record dated March 13, 2002, from Tom Dresser, Grant County Utility District, to Marv Yoshinaka, U.S. Fish and Wildlife Service, Vancouver, Washington. Subject: Tracking of radio-tagged bull trout in Wanapum Reservoir.

Telephone conversation record dated February 6, 1998, from Jay Frederick, Humboldt-Toiyabe National Forest, to Bob Hallock, U.S. Fish and Wildlife Service, Spokane, Washington. Subject: Bull trout status and threats in the Jarbidge River.

Telephone conversation record dated March 15, 1999, from Gene Weller, Nevada Division of Wildlife to Bob Williams, U.S. Fish and Wildlife Service, Reno, Nevada. Subject: Rainbow trout stocking in the Jarbidge River.

Personal conversation on August 5, 1998, between Selena Werdon, U.S. Fish and Wildlife Service, Reno, Nevada, and Sam Lohr, U.S. Fish and Wildlife Service, Boise, Idaho, concerning bull trout observed by survey teams during the *Salvelinus confluentus* Curiosity Society meeting August 4-6, 1998.