

CHAPTER 6 - REFERENCES

This chapter identifies the references cited in the text as sources of information and data used to prepare this Draft EIS.

Botany

- Arno, S.F., and R.J. Hoff. 1989. Silvics of whitebark pine (*Pinus albicaulis*). General Technical Report INT-253. USDA Forest Service, Intermountain Research Station. 11 p.
- Arft, A.M. 1995. The Genetics, Ecology, and Conservation Management of the Rare Orchid *Spiranthes diluvialis*. *Aquilegia* - Newsletter of the Colorado Native Plant Society. 3 pages.
- Belsky, A.J. and J.L. Gelbard. 2000. Livestock Grazing and weed invasion in the Arid West. Oregon Natural Desert Association. 31 pp.
- Braun, C.E. and R.W. Brown. 2001. Rehabilitation of alpine ecosystems: can we mend the meadows? Research and Management Concerns for Alpine Ecosystems: conflicts, connectivity, and climate change. The 8th annual conference of the Wildlife Society, Reno Nevada, abstract. 1 page
- Brooks, P. 2000. Rare Plants with Federal Status Hells Canyon National Recreation Area. Wallowa-Whitman National Forest, 1 page.
- Burkhardt, J. 1995. Herbivory in the Intermountain West. An Overview of Evolutionary History, Historic Cultural Impacts, and Lessons From the Past. Station Bulletin 58 of the Idaho Forest, Wildlife and Range Experiment Station, College of Natural Resources, University of Idaho. 18 pages.
- Clebsch, E. 2002. Draft Conservation Strategy for the White Cloud Milkvetch, *Astragalus vexiliflexus* var. *nubilis*. On file, Sawtooth National Forest, Supervisor's Office, 15 pages.
- Clebsch, E. 2002. Volunteer Botanist, Sawtooth National Forest, Personal Communication with Kim Pierson, Forest Botanist, Sawtooth NF.
- Cole, D.N. and C.A. Monz. 2002. Trampling Disturbance of High-Elevation, Wind River Mountains, Wyoming, U.S.A. *Arctic, Antarctic, and Alpine Research*, 34(4): 354-376.
- Cottam, D.A., J.B. Whitaker, et al. 1986. The effects of chrysomelid beetle (*Gastrophysa viridula*) grazing and plant competition on the growth of *Rumex obtusifolius*. *Oecologia* 70(3): 452-456
- Cronquist, A. 1950. Notes on the Compositae of the Northwestern United States Leaflets of Western Botany Vol. VI, No. 2: 41-50.
- Donaldson, J. 2003. Inventory and Monitoring moonworts (*Botrychium* species) on the Sawtooth and Payette National Forests. Unpublished report on file at the Sawtooth National Forest Supervisor's office. 22pp.
- EPA, 2003. US Environmental Protection Agency – Global Warming impacts. State Impacts – Wyoming. <http://yosmite.epa.gov/oar/globalwarming.nsf/content/ImpactsStateImpactsWY.html>

-
- Farrar, D. 2002. Department of Botany, Iowa State University, Ames, Iowa. Personal communication with K. Pierson, USFS Forest Botanist, Sawtooth NF.
- Federal Register 66 (109): 30368-30372 (June 6, 2001). U.S. Fish and Wildlife Service. 12-Month Finding for a Petition To List the Plant *Botrychium lineare* (Slender Moonwort) as Threatened.
- Forest Service Handbook. 1988. Sensitive Plant Handbook, FSH 2609.25.
- Forest Service Manual - 2670. 1995. Wildlife, Fish, and Sensitive Plant Habitat Management. Washington Office, pp 1-21.
- Inouye, D.W. and B. Barr. 2001. Climate change effects on phenology of Rocky Mountain Plants and animals. Research and Management Concerns for Alpine Ecosystems: conflicts, connectivity, and climate change. The 8th annual conference of the Wildlife Society, Reno Nevada, abstract. 1 page.
- Keane, R.E. and S. F. Arno. 1993. Rapid Decline of Whitebark Pine in Western Montana: Evidence from 20-year remeasurements. *Western Journal of Applied Forestry*, Vol. 8(2): 1-6.
- Keane, R.E. 2000. The Importance of Wilderness to Whitebark Pine Research and Management. USDA Forest Service Proceedings RMRS-P-15-Vol. 3. 84-91.
- Klug, B., Scharfetter-Lehel, G., and E. Scharfetter. 2002. Effects of Trampling on Vegetation above the Timberline in the Eastern Alps. *Arctic, Antarctic, and Alpine Research*, 34(4): 377-388.
- Maher, E.L. 2002. Effects of vegetation on establishment of seedlings of three conifer species at the alpine-treeline ecotone in the Rocky Mountains. Thesis proposal, Idaho State University, 9 pp.
- Mancuso, M., and R. K. Moseley. 1990. Field investigation of *Astragalus vexilliflexus* var. *nubilus* (White Cloud milkvetch), a Region 4 Sensitive Species, on the Sawtooth National Forest. Idaho Department of Fish and Game, Idaho Natural Heritage Program, Boise. 12 pp. plus appendices.
- Montana Partners in Flight. 2000. Bird Conservation Plan: Whitebark Pine. <http://biology.umt.edu/landbird/mcbp/mtpif/Whitebark.htm> 4 pp.
- Moseley, R. K. 1998. Ute Ladies' Tresses (*Spiranthes diluvialis*) in Idaho: 1998 Status Report. Idaho Department of Fish and Game, Idaho Conservation Data Center, prepared for Idaho Department of Parks and Recreation. 23 pp. plus appendix.
- Murray, M. 2001. High Elevation Meadows and Grazing: Common Past Effects and Future Improvements. [Http://www.wilderness.net/pubs/murray.pdf](http://www.wilderness.net/pubs/murray.pdf). pp. 1-6
- Noy-meir, I, Gutman, M. and Y. Kaplin. (1989). Response of Mediterranean grassland plants to grazing and protection. *Journal of Applied Ecology* 77: 290-310.
- Perkins, Dana 1997. Letter to File – Grazing Effects on Whitebark Pine on Railroad Ridge.
- Phalen, S. 2003. Range Conservationist -Personal Communication with Kim Pierson, USFS Sawtooth National Forest, Forest Botanist.
- Pierson, K. and V.J. Tepedino. 2000. The Pollination Ecology of a rare orchid, *Spiranthes diluvialis*: Implications for Conservation. Report prepared for Uinta National Forest, Provo, UT. 83 pp.

- Rey-Vizgirdas, E. 2000. USFS Forest Botanist, Boise NF. Personal observation.
- Richardson, C.A. and D. M. Henderson. 1999. Classification and Ordination of the Alpine Plant Communities of Railroad Ridge, White Cloud Peaks, Idaho. *Great Basin Naturalists* 59(1), pp. 63-78.
- Sandercock, B.K. and K.M. Marin. 2001. Altitudinal variation in the alpine demography of terrestrial vertebrates. *Research and Management Concerns for Alpine Ecosystems: conflicts, connectivity, and climate change*. The 8th annual conference of the Wildlife Society, Reno Nevada, abstract. 1 page.
- Schupp, E.W. 1990. Annual variation in seed fall, post dispersal predation and recruitment of a neotropical tree. *Ecology* 71(2): 504-515
- Southwest Idaho Ecogroup. 2001. Draft Environmental Impact Statement for the Southwest Idaho Ecogroup LRMP revision.
- Southwest Idaho Ecogroup. 2003. Final Environmental Impact Statement for the Southwest Idaho Ecogroup LRMP revision
- Taylor, D. and K. Pierson. 2002. Botanists, Sawtooth National Forest, personal observation.
- Tomback, D. F. 2001. The rapid decline of Whitebark pine ecosystems: biodiversity consequences for the subalpine zone. *Research and Management Concerns for Alpine Ecosystems: conflicts, connectivity, and climate change*. The 8th annual conference of the Wildlife Society, Reno Nevada, abstract. 1 page.
- Tonnessen, K.A. 2001. Air pollution issues in alpine ecosystems of the western United States. *Research and Management Concerns for Alpine Ecosystems: conflicts, connectivity, and climate change*. The 8th annual conference of the Wildlife Society, Reno Nevada, abstract. 1 page
- USDA Forest Service. 2003. Red Tree Environmental Assessment.
- U.S. Fish and Wildlife Service. 2002. Threatened, Endangered, Proposed, and Candidate Species, Biological Information and Guidance for *Botrychium lineare* and *Spiranthes diluvialis*.
- Vanderhorst, J. 1997. Conservation Assessment of sensitive moonworts (Ophioglossaceae: *Botrychium* subgenus *Botrychium*) on the Kootenai National Forest. Montana Natural Heritage Program 77pp plus appendices.
- Vitousek, P.M. 1992. Global Environmental Change: An Introduction. *Annual Review of Ecological Systematics* 23: 1-9 .
- Wagner, W.H. and F.S. Wagner. 1994. Another widely disjunct, rare and local North American moonwort (Ophioglossaceae: *Botrychium* subg. *Botrychium*). *American Fern Journal* 84(1):5-10.
- Willard, E. Earl. 1990. Use and impact of domestic livestock in whitebark pine forests. In: Schmidt, Wyman C.; McDonald, Kathy J., compilers. *Proceedings--symposium on whitebark pine ecosystems: ecology and management of a high-mountain resource*; 1989 March 29-31;

Bozeman, MT. Gen. Tech. Rep. INT-270. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station: 201-207.

Wildlife

- Agren, J. 1996. Population size, pollinator limitation, and seed set in the self-compatible herb *Lythrum salicaria*. *Ecology* 77:1779-1790.
- Allen-Wardell, G., et al. 1998. The potential consequences of pollinator declines on the conservation of biodiversity and stability of food crop yields. *Conservation Biology* 12:8-17.
- Birney, E.C., W.E. Grant, and D.D. Baird. 1976. Importance of vegetative cover to cycles of *Microtus* populations. *Ecology* 57:1043-1051.
- Bock, C.E., J.H. Bock, W.R. Kenney, and V.M. Hawthorne. 1984. Responses of birds, rodents, and vegetation to livestock exclosure in a semidesert grassland site. *J. Range Manage.* 37:239-242.
- Bock, C.E., V.A. Saab, T.D. Rich, and D.S. Dobkin. 1992. Effects of livestock grazing on neotropical migratory landbirds in western North America. Pages 296-309 in Status and management of neotropical migratory birds. D.M. Finch and P.W. Stangel, eds. Gen. Tech. Rep. RM-229. Fort Collins, CO: U.S. Dep. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. 422 p.
- Brandborg, S.M. 1955. Life history and management of the mountain goat in Idaho. Idaho Dept. Fish and Game Wildlife Bull. 2, 142 pp.
- Braun, C.E., T. Britt, and R.O. Wallestad. 1977. Guidelines for maintenance of sage grouse habitats. *Wildl. Soc. Bull.* 5:99-106.
- Buchmann, S.L., and G.P. Nabhan. 1996. The forgotten pollinators. Island Press/Shearwater Books, Washington, D.C. /Covelo, CA. 292 pp.
- Bull, E.L., S.R. Stevens, and J.W. Thomas. 1986. Resource partitioning among woodpeckers in northeastern Oregon. Research Note PNW-444. Portland, OR: U.S. Dep. of Agriculture, Forest Service, Pacific Northwest Research Station. 19 p.
- Bull, E.L., R.S. Holthausen, and M.G. Henjum. 1992. Roost trees used by pileated woodpeckers in northeastern Oregon. *J. Wildl. Manage.* 56:786-793.
- Cane, J.H. and V.J. Tepedino. 2001. Causes and extent of declines among native North American Invertebrate Pollinators: Detection, Evidence, and Consequences. *Conservation Ecology* 5(1) 1. (online).
- Chadwick, D.H. 1983. *Beast the color of winter*. Sierra Club Books, San Francisco. 208 pp.
- Christy, R.E. and S.D. West. 1993. Biology of bats in Douglas-fir forests. General Technical Report PNW-GTR-308. Portland, OR: USDA, Forest Service, Pacific Northwest Research Station. 28 pp.
- Connelly, J.W., W.L. Wakkinen, A.D. Apa, and K.P. Reese. 1991. Sage grouse use of nest sites in southeastern Idaho. *J. Wildl. Manage.* 55:521-524.

- Copeland, J.P. 1996. Biology of the wolverine in central Idaho. M.S. Thesis, University of Idaho, Moscow. 138 pp.
- Cottam, D.A., J.B. Whitaker, and A.J.C. Malloch. 1986. The effects of chrysomelid beetle (*Gastrophysa viridula*) grazing and plant competition on the growth of *Rumex obtusifolius*. *Oecologia* 70(3): 452-456.
- Darwin, C. 1859. Origin of the species by means of natural selection. London (UK): John Murray.
- Delph, L. F., L.F., M. H. Johannsson, and A. G. Stephenson. 1997. How environmental factors affect pollen performance: ecological and evolutionary perspectives. *Ecology*: 78(6): 1632–1639.
- Douglas, C.W. and M.A. Strickland. 1987. Fisher. Pages 511-529 in Wild furbearer management and conservation in North America. M. Novak, J.A. Baker, M.E. Obbard, and B. Malloch, eds. Ministry of Natural Resources, Ontario.
- Douglass, R.J., and M.R. Frisina. 1993. Mice and management on the Mount Haggin Wildlife Management Area. *Rangelands* 15:8-12.
- Dunn, P.O. and C.E. Braun. 1986. Summer habitat use by adult female and juvenile sage grouse. *J. Wildl. Manage.* 50:228-235.
- Federal Register, Vol. 59, No.224, p. 60266-60281, 1994, Endangered and Threatened Wildlife and Plants; Establishment of a Nonessential Experimental Population of Gray wolves in Central Idaho and Southwestern Montana, Final Rule.
- Fleischner, T.L. 1994. Ecological costs of livestock grazing in western North America. *Conservation Biol.* 8:629-644.
- Fox, J.L. 1983. Constraints on winter habitat selection by the mountain goat (*Oreamnus americanus*) in Alaska. Ph.D. Dissert. Univ. of Washington. 147 pp.
- Fritts, S.H., E.E. Bangs, and J.F. Gore. 1993. The relationship of wolf recovery to habitat conservation and biodiversity in the northwestern United States. *Landscape and urban planning* C: 1-11, Elsevier Science Publishers B.V., Amsterdam.
- Fussell, M., and S.A. Corbet. 1992. Flower usage by bumble bees: a basis for forage plant management. *Journal of Applied Ecology* 29: 451-465.
- Goguen, C.B., and N.E. Mathews. 2000. Local gradients of cowbird abundance and parasitism relative to livestock grazing in a western landscape. *Conservation Biology* 14:1862-1869.
- Goverde, M., K. Schweizer, B. Baur, A. Erhardt. 2002. Small-scale habitat fragmentation effects on pollinator behaviour: experimental evidence from the bumblebee *Bombus veteranus* on calcareous grasslands. *Biological Conservation* 104:293-299.
- Grant, W.E., E.C. Birney, N.R. French, and D.M. Swift. 1982. Structure and productivity of grassland small mammal communities related to grazing-induced changes in vegetative cover. *J. Mammal.* 63:248-260.

-
- Hash, H.S. 1987. Wolverine. Pages 575-585 in Wild furbearer management and conservation in North America. M. Novak, J.A. Baker, M.E. Obbard, and B. Malloch, eds. Ministry of Natural Resources, Ontario.
- Haynes, L.A. 1992. Mountain goat habitat of Wyoming's Beartooth Plateau: implications for management. Proc. Bienn. Symp. Northern Wild Sheep and Goat Council. 8:325-339.
- Hayward, G.D., P.H. Hayward, and E.O. Garton. 1993. Ecology of boreal owls in the northern Rocky Mountains, USA. Wildlife Monographs 124:1-59.
- Hiethaus, E.R. 1974. The role of plant-pollinator interactions in determining community structure. Ann. Missouri Bot. Gard. 61: 675-691.
- Hodges, K.E. 2000. Ecology of snowshoe hares in southern boreal and montane forests. Pages 163-206 in Ruggiero, L.F., K.B. Aubry, S.W. Buskirk, G.M. Koehler, C.J. Krebs, K.S. McKelvey, and J.R. Squires, tech eds. Ecology and conservation of lynx in the United States Univ. Press of Colorado. Boulder, CO. 480 pp.
- Hudak, H. 1992. Stanley Basin Allotment - Riparian Area Review. Report with photographs to the Area Ranger dated June 2, 1992. On file (2210) Sawtooth National Forest.
- Hudak, H. 1993. Stanley Basin Allotment Elk Grazing. Report with photographs to Area Ranger, SNRA, dated May 12, 1993. On file (2210/2630) Sawtooth National Forest.
- Hudak, H. 1993b. Stanley Basin Allotment - Effects of Elk Grazing. Report to Area Ranger, SNRA, dated October 4, 1993. On file (2210) Sawtooth National Forest.
- Hudak, H. 1994. Effects of Elk Grazing in Stanley Basin Allotment. Report to Area Ranger dated December 14, 1994. On file (2210) Sawtooth National Forest.
- Hudak, H., Lloyd, J.W., Demule, P., Gilman, D. 1996. Riparian Review - SNRA. Report to Paul Ries, Area Ranger dated September 25, 1996. On file (2670/2210) Sawtooth National Forest.
- Idaho Partners in Flight. 2000. Idaho Bird Conservation Plan Version 1.0. 156 pp.
- Johnsgard, P.A. 1988. North American owls, biology and natural history. Smithsonian Institution Press, Washington and London. 295 pp.
- Jones, K.B. 1981. Effect of grazing on lizard abundance and diversity in western Arizona. The Southwestern Naturalist 26:107-115.
- Jones, K.B. 1988. Comparisons of herpetofauna of a natural and altered riparian ecosystem. Pages 222-227 in Management of amphibians, reptiles, and small mammals in North America. R.C. Szaro, K.E. Severson, and D.R. Patton, tech. coords. Gen. Tech. Rep. RM-166. Flagstaff, AZ: USDA, Forest Service, Rocky Mountain Research Station.
- Kearns, C.A., and D.W. Inouye. 1997. Pollinators, flowering plants, and conservation biology. Bioscience 47:297-307.
- Keating, K.A., L.R. Irby, and W.F. Kasworm. 1985. Mountain sheep winter food habits in the upper Yellowstone Valley. J. Wildl. Manage. 49:156-161.

- Klebenow, D.A. 1969. Sage grouse nesting and brood habitat in Idaho. *J. Wildl. Manage.* 33:649-662.
- Knopf, F.L. 1992. Livestock impacts on riparian avifaunas. *Bull. Ecol. Soc. Am.* 73:234.
- Knopf, F.L., J.A. Sedgwick, and R.W. Cannon. 1988. Guild structure of riparian avifauna relative to seasonal cattle grazing. *J. Wildl. Manage.* 52:280-290.
- Lauer, J.L. and J.M. Peek. 1976. Big game-livestock relationships on the bighorn sheep winter range East Fork Salmon River Idaho. Univ. of Idaho, Forestry, Wildlife, and Range Experiment Station Bull. No. 12. 44 pp.
- Lewis, L., and R. Wenger. 1998. Idaho's Canada lynx: pieces of the puzzle. Idaho BLM, Tech. Bull. No. 98-11. 21 pp.
- Licht, L. 1986. Food and feeding behavior of sympatric red-legged frogs, *Rana aurora*, and spotted frogs, *Rana pretiosa*, in southwestern British Columbia. *Canadian Field Naturalist* 100: 22-31.
- Lindquist, E.L. 1977. East Fork Salmon River Bighorn Sheep Management Plan, Sawtooth National Recreation Area, Sawtooth National Forest, Forest Service.
- Litvaitis, J.A., J.A. Sherbourne, and J.A. Bissonette. 1985. Influence of understory characteristics on snowshoe habitat use and density. *J. Wildl. Manage* 49:866-873.
- Lonner, T.N., and R.J. Mackie. 1983. On the nature of competition between big game and livestock. Pages 53-58 in B.F. Roche, Jr. ed. *Proc. Forestland grazing*. Washington State Univ., Pullman.
- MacArthur, R.H., and J.W. MacArthur. 1961. On bird species diversity. *Ecology* 42:594-598.
- Mackie, R.J. 1970. Range ecology and relations of mule deer, elk and cattle in the Missouri River Breaks, Montana. *Wildl. Monographs* 20:1-79.
- McCallum, D.A. 1994. Review of technical knowledge: flammulated owls. Pages 14-46 in Flammulated, boreal, and great gray owls in the United States: a technical conservation assessment. North America. G.D. Hayward and J. Verner, tech. editors. Gen. Tech. Rep. RM-253. Fort Collins, CO: USDA, Forest Service, Rocky Mountain Forest and Range Experiment Station. 214 pp.
- Mech, D.L. 1970. *The wolf, the ecology of an endangered species*. University of Minnesota Press, Minneapolis. 384 pp.
- Medin, D.E., and W.P. Clary. 1989. Small mammal populations in a grazed and ungrazed riparian habitat in Nevada. Res. Pap. INT-413. Ogden, UT: U.S. Dep. of Agriculture, Forest Service, Intermountain Research Station. 6 pp.
- Medin, D.E., and W.P. Clary. 1990. Bird and small mammal populations in a grazed and ungrazed riparian habitat in Idaho. Res. Pap. INT-425. Ogden, UT: U.S. Dep. of Agriculture, Forest Service, Intermountain Research Station. 8 pp.
- Merriam, C.H. 1891. Results of a biological reconnaissance of southcentral Idaho. USDA, North American Fauna 5:1-127. Washington D.C.

-
- Morris, R. and W. Tanner. 1969. The ecology of the western spotted frog, *Rana pretiosa pretiosa* Baird and Girard, a life history study. *Great Basin Naturalist* 29: 45-81.
- Munger, J.C., M. Gerber, K. Madrid, M. Carroll, W. Petersen, and L. Heberger. 1998. U.S. National Wetland Inventory classifications as predictors of the occurrence of Columbia spotted frogs (*Rana luteiventris*) and Pacific treefrogs (*Hyla regilla*). *Conservation Biology* 12:320-330.
- Murray, M. 2001. High Elevation Meadows and Grazing: Common Past Effects and Future Improvements. [Http://www.wilderness.net/pubs/murray.pdf](http://www.wilderness.net/pubs/murray.pdf). pp. 1-6
- Mustajärvi, K., P. Siikamäki, S. Rytönen, and A. Lammi. 2001. Consequences of plant population size and density for plant-pollinator interactions and plant performance. *Journal of Ecology* 89:80-87.
- NatureServe. 2003. NatureServe Explorer: An online encyclopedia of life [web application]. Version 1.8 NatureServe, Arlington, Virginia, USA: NatureServe. Available: <http://www.natureserve.org/explorer>.
- Noy-meir, I, Gutman, M. and Y. Kaplin. (1989). Response of Mediterranean grassland plants to grazing and protection. *Journal of Applied Ecology* 77: 290-310.
- Pierson, K. and V.J. Tepedino. 2000. The Pollination Ecology of a rare orchid, *Spiranthes diluvialis*: Implications for Conservation. Report prepared for Uinta National Forest, Provo, UT. 83 pp.
- Oldemeyer, J.L., and L.R. Allen-Johnson. 1988. Cattle grazing and small mammals on the Sheldon National Wildlife Refuge, Nevada. Pages 391-398 *in* Management of amphibians, reptiles, and small mammals in North America. R.C. Szaro, K.E. Severson, and D.R. Patton, tech. coords. Gen. Tech. Rep. RM-166. Flagstaff, AZ: USDA, Forest Service, Rocky Mountain Research Station.
- Remington, T.E., and C.E. Braun. 1985. Sage grouse food selection in winter, North Park, Colorado. *J. Wildl. Manage.* 49:1055-1061.
- Reynolds, R.T., R.T. Graham, M.H. Reiser, R.L. Basselt, P.L. Kennedy, D.A. Boyce Jr., G. Goodwin, R. Smith, and E.L. Fisher. 1992. Management recommendations for the northern goshawk in the southwestern United States. Rocky Mountain Forest and Range Experiment Station, South-west Region Forest Service. USDA Forest Service, General Technical Report GTR-RM-217. 90 pp.
- Ruediger, B., J. Claar, S. Gniadek, B. Holt, L. Lewis, S. Mighton, B. Naney, G. Patton, T. Rinaldi, J. Trick, A. Vandehey, F. Wahl, N. Warren, D. Wenger, and A. Williamson. 2000. Canada Lynx Conservation Assessment and Strategy. USDA Forest Service, USDI Fish and Wildlife Service, USDI Bureau of Land Management, and USDI National Park Service. Forest Service Publication #R1-00-53, Missoula, MT. 142 pp.
- Saab, V. 1999. Importance of spatial scale to habitat use by breeding birds in riparian forests: a hierarchical analysis. *Ecological Applications* 9:135-151.
- Sauer, J. R., J. E. Hines, and J. Fallon. 2003. The North American Breeding Bird Survey, Results and Analysis 1966 - 2002. Version 2003.1, *USGS Patuxent Wildlife Research Center*, Laurel, MD. {available at www.pwrc.usgs.gov}

- Scott, M.L., S.K. Skagen, and M.F. Merigliano. 2003. Relating geomorphic change and grazing to avian communities in riparian forests. *Conservation Biology* 17:284-296.
- Schultz, T.T., and W.C. Leininger. 1991. Nongame wildlife communities in grazed and ungrazed montane riparian sites. *Great Basin Naturalist* 51:286-292.
- Schupp, E.W. 1990. Annual variation in seed fall, post dispersal predation and recruitment of a neotropical tree. *Ecology* 71(2): 504-515.
- Sedgwick, J.A., and F.L. Knopf. 1987. Breeding bird response to cattle grazing of a cottonwood bottomland. *J. Wildl. Manage.* 51:230-237.
- Short, L.L. 1982. Woodpeckers of the world. Delaware Museum of Natural History. 676 pp.
- Sipes, S.E. and V.J. Tepedino. 1995. Reproductive biology of the rare orchid *Spiranthes diluvialis*: breeding system, pollination, and implications for conservation. *Conservation Biology* 9:929-938.
- Stalmaster, M.V. 1987. The bald eagle. Universe Books, New York. 227 pp.
- Söderström, B., B. Svensson, K. Vessby, and A. Glimskär. 2001. Plants, insects and birds in semi-natural pastures in relation to local habitat and landscape factors. *Biodiversity and Conservation* 10: 1839-1863.
- Stanley, T.R., and F.L. Knopf. 2002. Avian responses to late-season grazing in a shrub-willow floodplain. *Conservation Biol.* 16:225-231.
- Steffan-Dewenter, I., and T. Tscharntke. 1999. Effects of habitat isolation on pollinator communities and seed set. *Oecologia* 121:432-440.
- Strauss, S. Y. 1997. Floral characters link herbivores, pollinators, and plant fitness. *Ecology* 78(6): 1640-1645.
- Szaro, R.C., S.C. Belfit, J.K. Aitkin, and J.N. Rinne. 1985. Impact of grazing on a riparian garter snake. Pages 359-363 in *Riparian ecosystems and their management: reconciling conflicting uses*. R.R. Johnson, C.D. Zieball, D.R. Patton, P.F. Folliot, and F.H. Hamre, tech. coords. Gen. Tech. Rep. RM-120. Ft. Collins, CO, USDA, Forest Service, Rocky Mountain Research Station.
- Taylor, D.M. 1986. Effects of cattle grazing on passerine birds nesting in riparian habitat. *J. Range Manage.* 39:254-258.
- Taylor, D.M. and C.D. Littlefield. 1986. Willow flycatcher and yellow warbler response to cattle grazing. *American Birds* 40:1169-1173.
- Tepedino, V.J. 1979. The importance of bees and other insect pollinators in maintaining floral species composition. *Great Basin Memoirs* 3: 139-150.
- Tepedino, V.J., Sipes, S.D., Barnes, J.L., and L. Hickerson. 1997. The need for "extended care" in conservation: examples from studies of rare plants in the western United States. *Proc. Int'l Symp. On Pollination*.

-
- Tepedino, V.J. 2001. Personal communication with Robin Garwood, Northzone Wildlife Biologist, SNRA. October 23, 2001. 5 pp.
- Thomas, D.W., and S.D. West. 1991. Forest age associations of bats in the Washington Cascade and Oregon Coast Ranges. Pages 295 -303 *in* Wildlife and vegetation of unmanaged Douglas-fir forests. L.F. Ruggerio, K.B. Aubry, A.B. Aubry, A.B. Carey, and M.H. Huff, tech. coords. Gen. Tech. Rep. PNW-285. Portland, OR: USDA, Forest Service, Pacific Northwest Research Station.
- Tilton, M.E. and E.E. Willard. 1981. Winter food habits of mountain sheep in Montana. *J. Wildl. Manage.* 45:548-553.
- USDI Fish and Wildlife Service. 1987. Northern Rocky Mountain Wolf Recovery Plan. U.S. Fish and Wildlife Service, Denver, Colorado. 119 pp.
- USDI Fish and Wildlife Service. 1994. The reintroduction of gray wolves to Yellowstone National Park and Central Idaho, Final Environmental Impact Statement. Helena, Montana.
- USDI Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2000. Rocky Mountain Wolf Recovery 1999 Annual Report. US Fish and Wildlife Service, Ecological Services, Helena, MT.
- Wai-Ping, V. and M.B. Fenton. 1989. Ecology of spotted bat (*Euderma maculatum*) roosting and foraging behavior. *Journal Mammalogy* 70: 617-622.
- Wakkinen, W.L. 1990. Nest site characteristics and spring-summer movements of migratory sage grouse in southeastern Idaho. M.S. Thesis, Univ. of Idaho, Moscow. 57 pp.
- Watkins, L.C. 1977. *Euderma maculatum*. Mammalian Species No. 77. American Society of Mammalogists. 4 pp.
- Weatherill, R.G. and L.B. Keith. 1969. The effect of livestock grazing on an aspen forest community. Canada, Department of Lands and Forests, Fish and Wildlife Division, Ottawa, Ontario, Tech. Bull. 1. 31 pp.
- Welch, B.L., F.J. Wagstaff, and J.A. Roberson. 1991. Preference of wintering sage grouse for big sagebrush. *J. Range Manage.* 44:462-465.
- Wiens, J.A. and M.I. Dyer. 1975. Rangeland avifaunas: their composition, energetics, and role in the ecosystem. Pages 146-182 *in* Symposium on management of forest and range habitats for nongame birds. USDA Forest Service, Gen. Tech. Rep. WO-1.

Fisheries & Hydrology

- Armour, C. L., D.A. Duff, and W. Elmore, 1991, The Effects of Livestock Grazing on Riparian and Stream Ecosystems, Fisheries, Vol. 16, No. 1, pp. 7-14
- Auble, Gregor T.; Jonathan M. Friedman & Michael L. Scott. 1994. Relating Riparian Vegetation to Present and Future Streamflows. *Ecological Applications*. 4(3): 544-554.

- Behnke, R.J. 1992. Native trout of western North America. Monograph No. 6: American Fisheries Society. 275 p.
- Belsky, A.J., A. Matzke, S. Uselman 1999. Survey of livestock influences on stream and riparian ecosystems in the western united states. *Journal of Soil and Water Conservation*, Vol. 54, pp. 419-431.
- Bengeyfield, Pete & Dan Svoboda. 1998. Determining Allowable Use Levels for Livestock Movement in Riparian Areas. In: *Proceedings for American Water Resources Association: Rangeland Management and Water Resources*. Pgs. 243-252.
- Bjornn, T. C. and D. W. Reiser 1991. Habitat Requirements of Salmonids in Streams. *American Fisheries Society Special Publication 19: Chapter 4*.
- Bjornn, T.C. and J. Mallet. 1964. Movements of planted and wild trout in an Idaho river system. *Transactions of the American Fisheries Society* 93: 70-76.
- Brown, L.G. 1992. Draft management guide for the bull trout *Salvelinus confluentus* (Suckley) on the Wenatchee National Forest. Wenatchee, WA: Washington Department of Wildlife. 75 p.
- Chaney, Ed, W. Elmore, and W. S. Platts, 1990, Livestock grazing on western riparian areas. Northwest Resource Information Center, Inc., Eagle, Idaho.
- Chapman, D.W. 1988. Critical review of variables used to define effects of fines in redds of large salmonids. *Trans. of American Fisheries Society*. 115: 662-670.
- Clary, W. P. & B. F. Webster. 1989. Managing Grazing of Riparian Areas in the Intermountain Region. U. S. Forest Service General Technical Report INT-263.
- Diem, M., Thornton, J., and D. Martens. 1999. Landtypes & Rangeland Capability – Boise, Sawtooth, and Payette National Forests. Forest Land and Resource Management Plan Revision analysis paper.
- Diem, M. 1999. Rangelands Technical Report #1. Rangeland Capability & Suitability Determination. Forest Land and Resource Management Plan Revision analysis paper, last edited March 3, 1999.
- Dufour, J. A. 1994. Effects of livestock grazing on anadromous fish habitat in the Sawtooth National Recreation Area. Monitoring Report – 1993 Field Season. Unpublished. On file Sawtooth National Forest.
- Elle, S., R. Thurow, and T. Lamansky. 1994. Rapid River bull trout movement and mortality studies. River and stream investigations. Job Performance Report. Boise, ID: Idaho Department of Fish and Game, Federal Aid in Fish Restoration.
- Emmett, W. 1975. The channels and waters of the Upper Salmon River Area, Idaho. Geological Survey Professional Paper 870-A. USDI Geological Survey.
- EPA 2003. EPA Region 10 Guidance For Pacific Northwest State and Tribal Temperature Water Quality Standards. EPA 910-B-03-002. United States Environmental Protection Agency, Office of Water, Region 10, Seattle, Washington.

-
- Essig, D.A. 1998. The Dilemma of Applying Uniform Temperature Criteria in a Diverse Environment: An Issue Analysis . Idaho Division of Environmental Quality Water Quality Assessment and Standards Bureau. Boise, Idaho.
- Essig, D.A. 2002. Dissenting Opinion on Biological Threshold Numbers proposed by Regional Temperature Criteria Development Technical Workgroup. Idaho Division of Environmental Quality Water Quality Assessment and Standards Bureau. Boise, 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.
- Frissel, C.A., W.J. Liss, and D. Bales. 1993. An integrated, biophysical strategy for ecological restoration of large watersheds. Pages 449-456 in Potts, D. editor. Proceedings, Changing roles in water resources management and policy. Herndon, VA: American Water Resources Association.
- Goetz, F.A. 1994. Distribution and juvenile ecology of bull trout (*Salvelinus confluentus*) in the Cascade Mountains. Corvallis, OR: Oregon State University. M.S. thesis.
- Graham, P.J., B.B. Shepard, and J.J. Fraley. 1981. Use of stream habitat classifications to identify bull trout spawning areas in streams. Pages 186-190 in Proceedings, Acquisition and utilization of habitat inventory information; 1981 October 28-30. Portland, OR: American Fisheries Society, Western Division.
- Harvey, Michael D., and Chester C. Watson 1986. Fluvial Processes and Morphological Thresholds in Incised Channel Restoration. Water Resources Bulletin, Vol. 22, No. 3.
- Hassemer, P. F. 1993. Salmon spawning ground surveys 1989-1992. Project F-73-R-15. Fishery Research, Idaho Department of Fish and Game.
- Healey, M.C. 1985. The Life History of Chinook Salmon (*Oncorhynchus tshawytscha*). Department of Fisheries and Oceans, Biological Sciences Branch, Pacific Biological Station, British Columbia. pg. 29.
- Henderson, R.C., E.K. Archer, B. Bouwes, D. Elverud, C. Kennedy, C. J. Abbruzzese, and J. Kershner. 2001. Summary Report 1999-2001, Effectiveness monitoring pilot project for streams and riparian areas within the Upper Columbia River Basin, Sawtooth National Forest. National Fish and Aquatic Ecology Unit, Logan, Utah.
- Herron, T., M.L. Shumar, and D. Reaney. 2002. Upper Salmon River Subbasin Assessment and Total Maximum Dailey Load. Idaho Falls Regional Office, Idaho Department of Environmental Quality. Boise, ID.
- Hicks, B.J., J.D. Hall, P.A. Bisson, and J.R. Sedell. 1991. Response of salmonids to habitat change. American Fisheries Society Special Publication. 19: 483-518.
- Hillman, T.W., D.W. Chapman, and J.W. Griffith. 1989. Seasonal habitat use and behavioral interaction of juvenile chinook salmon and steelhead. I: Daytime habitat selection. In: Don Chapman Consultants, Inc. Summer and winter ecology of juvenile chinook salmon and steelhead trout in the Wenatchee River, Washington. Wenatchee, WA: Chelan County Public Utility District: 42-82. Final Report.

- Hudak, H. 1992. Stanley Basin Allotment - Riparian Area Review. Report with photographs to the Area Ranger dated June 2, 1992. On file (2210) Sawtooth National Forest.
- Hudak, H. 1993. Stanley Basin Allotment Elk Grazing. Report with photographs to Area Ranger, SNRA, dated May 12, 1993. On file (2210/2630) Sawtooth National Forest.
- Hudak, H. 1993b. Stanley Basin Allotment - Effects of Elk Grazing. Report to Area Ranger, SNRA, dated October 4, 1993. On file (2210) Sawtooth National Forest.
- Hudak, H. 1994. Effects of Elk Grazing in Stanley Basin Allotment. Report to Area Ranger dated December 14, 1994. On file (2210) Sawtooth National Forest.
- Hudak, H., Lloyd, J.W., Demule, P., Gilman, D. 1996. Riparian Review - SNRA. Report to Paul Ries, Area Ranger dated September 25, 1996. On file (2670/2210) Sawtooth National Forest.
- Hudak, H. 1997. Stanley Basin C&H, Allotment Inspection. Report to Area Ranger dated September 16, 1997. On file (2210/2230) Sawtooth National Forest.
- Irving, D.B. and T.C. Bjornn. 1984. Effects of substrate size composition on survival of kokanee salmon and cutthroat and rainbow trout embryos. Technical Report 84-6. Moscow, ID: University of Idaho, Idaho Cooperative Fishery Research Unit.
- Jakober, M.J. 1995. Influence of stream size and morphology on the seasonal distribution and habitat use of resident bull trout and westslope cutthroat trout in Montana. Bozeman, MT: Montana State University. M.S. thesis.
- Kiefer, Russell B., Jerald N. Lockhart 1995. Intensive evaluation and monitoring of chinook salmon and steelhead trout production, Crooked River and Upper Salmon River Sites. Bonneville Power Administration, Project No. 91-73.
- Kovalchik, Bernard L. & Wayne Elmore. 1991. Effects of Cattle Grazing Systems on Willow-Dominated Plant Associations in Central Oregon. Symposium on Ecology and Management of riparian Shrub Communities, Sun Valley, ID. Pgs.111-116.
- Leary, R.F., F.W. Allendorf, S.H. Forbes. 1993. Conservation genetics of bull trout in the Columbia and Klamath River drainages. *Conservation Biology* 7: 856-865.
- Lee, D.C., J.R. Sedell, B.E. Rieman, R.F. Thurow, J.E. Williams and others. 1997. Chapter 4: Broadscale Assessment of Aquatic Species and Habitats. In T.M. Quigley and S.J. Arbelbide eds. "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, and the U.S. Department of Interior, Bureau of Land Management, Gen. Tech Rep PNW-GTR-405).
- Li, H.W., J.C. Buckhouse, G.A. Lamberti, and others. 1994. Cumulative effects of riparian disturbances along High Desert trout streams of the John Day Basin, Oregon. *Transactions of the American Fisheries Society*. 123:627-640.
- Liknes, G.A., and P.J. Graham. 1988. Westslope cutthroat trout in Montana: life history, status, and management. *Am. Fish Soc. Symp.* 4:53-60.

-
- Lockwood, J. A., and D. R. Lockwood. 1993. Catastrophe Theory: A unified paradigm for rangeland ecosystem dynamics. *Journal of Range Management*. 36:282-288.
- Magilligan, Francis J. & Patricia F. McDowell. 1997. Stream Channel Adjustments Following Elimination of Cattle Grazing. *Journal of American water Resources Association*. 33(4): 867-878.
- McPhail, J.D. and C.B. Murray. 1979. The early life history and ecology of Dolly Varden (*Salvelinus malma*) in the Upper Arrow Lakes. Vancouver, B.C.: University of British Columbia, Department of Zoology and Institute of Animal Resources. 113 p.
- Merriam, C.H. 1891. Results of biological reconnaissance of south-central Idaho. *North American Fauna*, No. 5. USDA Division of Ornithology and Mammalogy.
- Moffit, C.M., and Bjornn, T.C. 1984. Fish abundance upstream from Dworshak Dam following exclusion of steelhead trout. Moscow, ID: Idaho Water and Energy Resources Research Institute. Completion Report. Project WRIP/371404.
- Molnau, M. 2000. Precipitation in Idaho; Average Monthly and Annual (1961-90). Idaho State Climate Services. University of Idaho Library.
- Montoya, T., K. Forester, and M. Moulton. 1999. Biological Assessment for Bull Trout in the Section 7 Watershed, Lower Canyon: East Fork Salmon River – Peach Creek, 1999. 181 pages. Salmon-Challis National Forest.
- Mosley, Jeffrey C., Philip S. Cook, Amber J. Griffis, and Jay O'Laughlin, 1997, Guidelines for Managing Cattle Grazing in Riparian Areas to Protect Water Quality: Review of Research and Best Management Practices Policy, Report No. 15, Idaho Forest, Wildlife and Range Policy Analysis Group, University of Idaho
- Mullan, J.W., K. Williams, G. Rhodus and others. 1992. Production and habitat of salmonids in mid-Columbia River tributary streams. Monograph 1. USDI, Fish and Wildlife Service.
- Northwest Power Planning Council (NWPPC). 1986. Compilation of information on salmon and steelhead losses in the Columbia River Basin. Portland, OR: Northwest Power Planning Council, Columbia River Basin Fish and Wildlife Program.
- Overton, C.K., J.D. McIntyre, R. Armstrong, S.L. Whitwell, K.A. Duncan. 1995. User's Guide to Fish Habitat: Descriptions that Represent Natural Conditions in the Salmon River Basin, Idaho . General Technical Report INT-GTR-322. USDA, Intermountain Research Station, Boise.
- Platts, William S. 1984. Riparian System/Livestock Grazing Interaction Research in the Intermountain West. In: Warner, Richard E.; Hendrix, Kathleen M., eds. *California Riparian Systems: Ecology, Conservation, and Productive Management*. Pgs.424-429.
- Platts, William S. & Rinne, J. 1985. Riparian and Stream Enhancement Management and Research in the Rocky Mountains. *North American Journal of Fisheries*. 5: 115-125.
- Platts, W. S. 1991. Livestock grazing. *American Fisheries Society Special Publication* 19:389--423.
- Pratt, K.L. 1992. A review of bull trout life history. In Howell, P.J. and D.V. Buchanan editors. *Proceedings, Gearhart Mountain bull trout workshop; August 1992; Gearhart Mountain, Oregon*. Corvallis, OR: Oregon Chapter of the American Fisheries Society: 10-17.

- Rahm, G. and K. Larson. 1972. Land characteristics and soil and hydrologic evaluation for the Sawtooth, White Cloud, Boulder, and Pioneer Mountains. USDA Forest Service, Intermountain Region.
- Ratliff, D.E. 1992. Bull trout investigations in the Metolius River-Lake Billy Chinook system. In Howell, P.J. and D.V. Buchanan editors. Proceedings, Gearhart Mountain bull trout workshop; August 1992; Gearhart Mountain, Oregon. Corvallis, OR: Oregon Chapter of the American Fisheries Society: 10-17.
- Ratliff, D.E. and P.J. Howell. 1992. The status of bull trout populations in Oregon. In Howell, P.J. and D.V. Buchanan editors. Proceedings, Gearhart Mountain bull trout workshop; August 1992; Gearhart Mountain, Oregon. Corvallis, OR: Oregon Chapter of the American Fisheries Society: 10-17.
- Rieman, B.E. and J.D. McIntyre. 1993. Demographic and habitat requirements of bull trout *Salvelinus confluentus*. General Technical Report INT-GTR-302. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station.
- Rieman, B.E. and K.A. Apperson. 1989. Status and analysis of salmonid fisheries: westslope cutthroat trout synopsis and analysis of fishery information. Idaho Dep. Fish and Game, Boise. Job Perf. Rep., Project F-73-R-11, Subproject II, Job 1.
- Rosgen, Dave L. 1996. Applied River Morphology. Wildland Hydrology, Pagosa Springs CO..
- Savory, S. 1988. Holistic Resource Management. Island Press, Covalo, CA.
- Scully, R.J., E.J. Leitzinger, and C.E. Petrosky. 1990. Idaho habitat evaluation for off-site mitigation record. Idaho Dep. of Fish and game, Annual Rep. 1988, Part I, Project 83-7. Portland, OR: Dep. of Energy, Bonneville Power Administration, division of Fish and Wildlife.
- Shepard, Bradley B. 1989. Evaluation of the US Forest Service "COWFISH" Model for Assessing Livestock Impacts on Fisheries in the Beaverhead National Forest, Montana. In: Practical Approaches to Riparian Resource Management. Workshop, Billings, MT.
- Thurrow, R. 1987. Evaluation of South Fork Salmon River steelhead trout fishery restoration program. Lower Snake River fish and wildlife compensation plan. Boise, ID: Idaho Department of Fish and Game. Job Completion Report. Contract No. 14-16-001-86505.
- Thurrow, R. 1988. Wood River fisheries investigations. Boise, ID: Idaho Department of Fish and Game. Job Performance Report. Project F-73-R-10.
- Weaver, T.M. and R.G. White. 1985. Coal creek fisheries monitoring study no. III. Bozeman, MT: Montana State Cooperative Fisheries Research Unit. 94 p.
- Williamson, K.J., D.A. Bella, and others. 1995. Aquatic Ecosystem Processes: Fish and Aquatic Habitats. In: Gravel Disturbance Impacts on Salmon Habitat and Stream Health, Volume II: Technical Background Report. Corvallis, OR: Oregon Water Resources Research Institute: 59-159.
- USDA 1941. Historical Information Report, Sawtooth National Forest. Sawtooth National Forest, Twin Falls, Idaho. 64 pgs.

Van Haveren, B.P. and W.L. Jackson. 1987. Concepts in stream riparian rehabilitation. In: McCabe, R.E., ed. 1986. Transactions, 51st North American wildlife and natural resources conference. 1986 Mar. 21-26, Reno, NV. Wash. D.C.: Wildlife Mgt. Institute. 280-289.

Aesthetics & Recreation

Dorr, Jay. Memo to Project File – White Cloud Grazing Impacts

Socio – Economic

Clary, Warren P. and Webster, Bert F., Managing Grazing of Riparian Areas in the Intermountain Region, USDA Forest Service, Intermountain Research Station, GTR INT-263, May 1989.

Ehrhart, Robert C., and Hansen, Paul L., Effective Cattle Management in Riparian Zones: A Field Survey and Literature Review. Montana BLM Riparian Tech. Bulletin No. 3. BLM/MT/ST-98/002+1610, 1997.

Power, T.M. and R.N.Barrett, 2001, Post-Cowboy Economics, Island Press, Washington

Radke, H.D. and S.W. Davis, August,1998, Oregon Natural Resources Council

USDA Forest Service, 1993, Final Environmental Impact Statement, Stanley Basin Allotment Management Plan

USDI Bureau of Land Management, October 1998, Challis resource Area – Proposed Resource Management Plan and Final Environmental Impact Statement

Heritage

1971 Butler, B. Robert
Final Report on An Archaeological Reconnaissance of the Boulder-White Cloud-Pioneer Study Area,. Ms. on file at the Sawtooth National Forest Supervisor's Office, Twin Falls, Idaho.

1988 Metzler, Sharon and Robert Harper
East Fork Road Realignment Survey. Report on file at Sawtooth National Forest and Idaho State Historical Preservation Office.

1980 Vaughn, Nancy
National Register of Historic Places Inventory—Nomination Form. Available at Idaho State Historical Society, Boise, Idaho.