

LITERATURE CITED

- AABERG, S. 1975. The Drake site (24YL51): a prehistoric fall-rock shelter in the Yellowstone valley. *Archaeol. in Montana* 16:73-98.
- AABERG, S.A. 1983. Plant gathering as a settlement determinant at the Pilgrim Stone Circle site. *Plains Anthropol.* 28 (Memoir 19):279-303.
- ABRAMS, H.L. Jr. 1980. Vegetarianism: an anthropological/ nutritional evaluation. *J. Appl. Nutrit.* 32:53-87.
- ABRAMS, H.L. Jr. 1987. The preference for animal protein and fat: a cross-cultural survey. Pages 207-222 in M. Harris, and E.B. Ross, eds. *Food and evolution: toward a theory of human food habits.* Temple Univ. Press, Philadelphia, PA. 633 pp.
- AGENBROAD, L.D. 1976. Buffalo jump complexes in Owyhee County, Idaho. *Tebiwa Misc. Papers* 1:1-27.
- AIKENS, C.M. 1965. Excavations in southwest Utah. *Univ. Utah Anthropol. Papers* 76. 140 pp.
- AIKENS, C.M. 1966. Fremont-Promontory-Plains relationships. *Univ. Utah Anthropol. Papers* 82. 104 pp.
- AIKENS, C.M. 1967. Excavations at Snake Rock Village and the Bear River No. 2 site. *Univ. Utah Anthropol. Papers* 87. 65 pp.
- AIKENS, C.M. 1970. Hogup Cave. *Univ. Utah Anthropol. Papers* 93. 283 pp.
- AIKENS, C.M., D.L. COLE, and R. STUCKENRATH. 1977. Excavations of Dirty Shame Rockshelter southeastern Oregon. *Tebiwa Misc. Papers* 4:1-29.
- ALDER, G.M. 1970. Age profiles of aspen forests in Utah and northern Arizona. M.A. Thesis, Univ. of Utah, Salt Lake City. 31 pp.
- ALDOUS, S.E. 1952. Deer browse clipping study in the lake states region. *J. Wildl. Manage.* 16:401-409.
- ALEXANDER, R.R. 1985. Major habitat types, community types, and plant communities in the Rocky Mountains. U.S. For. Ser. Gen. Tech. Rep. RM-123. 105 pp.
- ALEXANDER, R.R. 1987. Classification of the forest vegetation of Colorado by habitat type and community type. U.S. For. Ser. Res. Note RM-478. 14 pp.
- ALEXANDER, R.R., G.R. HOFFMAN, and J.M. WIRSING. 1986. Forest vegetation of the Medicine Bow National Forest in southeastern Wyoming: a habitat type classification. U.S. For. Ser. Res. Paper RM-271. 39 pp.
- ALLEN, J., and J.B.M. GUY. 1984. Optimal estimate of individuals in archaeological faunal assemblages: How minimal is the MNI? *Archaeol. in Oceania.* 19:41-47.

- ALLEN, R.B., I.J. PAYTON, and J.E. KNOWLTON. 1984. Effects of ungulates on structure and species composition in the Urewera forests as shown by exclosures. *New Zeal. J. Ecol.* 7:119-130.
- ALLISON, T.D. 1987. The reproductive biology of Canada yew (Taxus canadensis) and its modification by herbivory: Implications for wind pollination. Ph.D. Diss., Univ. of Minnesota, Minneapolis.
- ALVERSON, W.S., D.M. WALLER, and S.L. SOLHEIM. 1988. Forests to deer: edge effects in northern Wisconsin. *Conserv. Biol.* 2:348-358.
- AMBLER, J.R. 1966. Caldwell Village. Univ. Utah Anthropol. Papers 84. 120 pp.
- ANDERSON, A.N. 1987. Effects of seed predation by ants on seedling densities at a woodland site in SE Australia. *Oikos* 48:171-174.
- ANDERSON, A.N. 1989. How important is seed predation to recruitment in stable populations of long-lived perennials? *Oecologia* 81:310-315.
- ANDERSON, C.C. 1958. The elk of Jackson Hole. Wyoming Game and Fish Commission Bull. 10. 184 pp.
- ANDERSON, R.C., and O.L. LOUCKS. 1979. White-tail deer (Odocoileus virginianus) influence on the structure and composition of Tsuga canadensis forests. *J. Appl. Ecol.* 16:855-861.
- ANDERSON, R.C. 1990. Trillium grandiflora stem height as an index of deer browsing intensity. *Ecol. Soc. Bull.* 71(2):77.
- ANELL, B. 1969. Running down and driving of game in North America. *Studia Ethnographica Upsaliensia* 30:1-129.
- APPLE, L.L. 1983. The use of beavers in riparian/aquatic habitat restoration in a cold desert gully-cut stream system: a case history. *Proc. Amer. Fisheries Soc.* 18:29-35.
- ARNO, S.F. 1976. The historical role of fire on the Bitterroot National Forest. U.S. For. Serv. Res. Paper INT-187. 29 pp.
- ARNO, S.F. 1980. Forest fire history in the northern Rockies. *J. For.* 78:460-465.
- ARNO, S.F., and R.J. HOFF. 1989. Silvics of whitebark pine (Pinus albicaulis). U.S. For. Ser. Gen. Tech. Rep. INT-253. 11 pp.
- ARTHUR, G.W. 1966. An archeological survey of the upper Yellowstone River drainage, Montana. Montana State Univ. Agricultural Economics Res. Rep. No. 26. 199 pp.
- AUSTIN, K.A., and R.L. BURGESS. 1990. Effects of herbivory on architecture and reproduction of Cornus racemosa Lam., a clonal shrub. *Ecol. Soc. Bull.* 71(2):80.
- BAILEY, V. 1930. Animal life of Yellowstone National Park. C. Thomas and Co., Springfield, IL. 241 pp.
- BAKER, D.L., and D.R. HANSEN. 1985. Comparative digestion of grass in mule deer and elk. *J. Wildl. Manage.* 49:77-79.

- BAKSH, M. 1985. Faunal food as a "limiting factor" on Amazonian cultural behavior: a Machiguenga example. *Res. Econ. Anthropol.* 7:145-175.
- BALDA, R.P. 1975. Vegetation structure and breeding bird diversity. Pages 59-80 in D.R. Smith, ed. *Symposium on management of forest and range habitats for nongame birds.* U.S. For. Ser. Gen. Tech. Rep. WO-1. 146 pp.
- BARBEE, R.D. 1984. Letter to Leslie Pengelly, Director, Wildlife Biology Program, Univ. of Montana. Yellowstone National Park letter No. N1615 (YELL) April 11th. 3 pp. + attachment.
- BAKER, W.L. 1987. Recent changes in the riparian vegetation of the montane and subalpine zones of western Colorado, U.S.A. Ph.D. Diss., Univ. of Wisconsin, Madison. 942 pp.
- BARLOW, J.W., and D.P. HEAP. 1872. Report of a reconnaissance of the basin of the upper Yellowstone in 1871. Senate Exc. Doc. No. 66. 42nd Cong., 2nd Session. 43 pp.
- BARMORE, W.J. 1965. Aspen-elk relationships on the northern Yellowstone winter range. Paper presented at the Western Ass. of Fish and Game Commissions, Elk Workshop. Bozeman, MT. March 2-4. 16 pp.
- BARMORE, W.J. 1967. Conflicts in recreation-elk versus aspen in Yellowstone National Park. Paper presented at the 12th Annual Meeting Amer. Soc. Range Manage., Seattle, WA. February 13-17. 17 pp.
- BARMORE, W.J. 1968a. Memo to supervisory research biologist. Yellowstone National Park, Wyoming. March 13th. 3 pp.
- BARMORE, W.J. 1968b. An evaluation of the need for wildlife exclosures in Yellowstone National Park. National Park Service, Yellowstone Nat. Park, WY. 27 pp.
- BARMORE, W.J. 1981. Population characteristics, distribution, and habitat relationships of six ungulate species on winter range in Yellowstone National Park. Unpub. report on file, Research Office, Yellowstone Nat. Park. 677 pp.
- BARNOSKY, C.W. 1988. The relationship of climate to sedimentation rates in lakes and ponds. p. 4 in Singer, F. ed. First annual meeting of research and monitoring on Yellowstone's northern range. U.S. Nat. Park Ser., Yellowstone Nat. Park. 26 pp.
- BARRETT, S.W. 1980a. Indians and fire. *West. Wildlands* 6(3):17-21.
- BARRETT, S.W. 1980b. Indian fires in the pre-settlement forests of western Montana. Pages 35-41 in *Proceedings of fire history workshop.* U.S. For. Ser. Gen. Tech. Rep. RM-81. 147 pp.
- BARRETT, S.W. 1981. Relationship of Indian-caused fires to the ecology of western Montana forests. M.S. Thesis. Univ. of Montana, Missoula. 198 pp.
- BARRY, J.N. 1932. Gen. B.L.E. Bonneville, U.S.A. *Annals of Wyoming.* 8:610-633.

- BARTOS, D.L. 1979. Effects of burning on the aspen ecosystem. Proc. Wyoming Shrub Ecology Workshop 8:47-58.
- BARTOS, D.L. 1981. Changes in aspen and associated species resulting from manipulation by burning and cutting. Pages 77-87 in N.V. DeByle, ed. Symposium proceedings -- situation management of two intermountain species: aspen and coyotes. Vol. 1 -- aspen. Utah State Univ., Logan. 99 pp.
- BARTOS, D.L., and W.F. MUEGGLER. 1979. Influence of fire on vegetation production in the aspen ecosystem in western Wyoming. Pages 75-78 in M.S. Boyce, and L.D. Hayden - Wing, eds. North American elk: ecology, behavior and management. Univ. of Wyoming, Laramie. 294 pp.
- BARTOS, D.L., and W.F. MUEGGLER. 1981. Early succession in aspen communities following fires in western Wyoming. J. Range Manage. 34:315-318.
- BASEY, J.M., S.H. JENKINS, and P.E. BUSHER. 1988. Optimal central-place foraging by beavers - tree-size selection in relation to defensive chemicals of quaking aspen. Oecologia 76:278-282.
- BASILE, J.V. 1979. Elk-aspen relationships on a prescribed burn. U.S. For. Ser. Res. Note INT-271. 7 pp.
- BAUER, H.L. 1939. Elk vs. Aspen. Yellowstone Nature Notes 16:61-65.
- BAXTER, P.W., R.D. CHEATUM, T.J. CONNOLLY, and J.A. WILLIG. 1983. Rigdon's Horse Pasture Cave: an upland hunting camp in the western Cascades. Univ. of Oregon Anthropol. Papers 28. 91 pp.
- BAYHAM, F.E. 1979. Factors influencing the archaic pattern of animal exploitation. Kiva 44:219-235.
- BEALL, R.C. 1976. Elk habitat selection in relation to thermal radiation. Pages 97-100 in S.R. Hieb, ed. Proceeding elk-logging-roads symposium. Univ. Idaho, Moscow. 142 pp.
- BEALS, E.W., G. COTTAM, and R.J. VOGL. 1960. Influence of deer on vegetation of the Apostle Islands, Wisconsin. J. Wildl. Manage. 24:68-80.
- BECKERMAN, S. 1983. Carpe Diem: an optimal foraging approach to Bari fishing and hunting. Pages 269-299 in R.B. Hames, and W.T. Vickers, eds. Adaptive responses to native Amazonians. Academic Press, NY. 516 pp.
- BEELEY, S.J. 1946. The archaeology of a Utah Lake site. M.S. Thesis. Univ. of Utah, Salt Lake City. 67 pp.
- BEETLE, A.A. 1974. Range survey in Teton County, Wyoming. Part IV. Quaking aspen. Univ. of Wyoming. Agr. Exp. Stat. SM27. 28 pp.
- BEETLE, A.A. 1979. Jackson Hole elk herd: a summary after 25 years of study. Pages 259-262 in M.S. Boyce, and L.D. Hayden-Wing, eds. North American elk, ecology, behavior and management. Univ. of Wyoming, Laramie. 294 pp.

- BENDER, S.J. 1981. Report on the collection and analysis of botanical data in the northern mountains of Grand Teton National Park. Report submitted to Nat. Park. Ser. Midwest Archaeol. Center, Lincoln, NE. 21 pp. + tables and figs.
- BENDER, S.J. 1983. Hunter-gatherer subsistence and settlement in a mountainous environment. Ph.D. Diss. State Univ. of New York, Albany. 249 pp.
- BENDER, S.J., and G.A. WRIGHT. 1988. High-altitude occupations, cultural process, and high plains prehistory: retrospect and prospect. *Amer. Anthropol.* 90:619-639.
- BENDER, S.J., and G.A. WRIGHT. 1989. Response to Connor. *Amer. Anthropol.* 91:1012-1013.
- BENSON, M.P. 1980. The Sitterud bundle: a prehistoric cache from central Utah. 51 Pages in D.B. Madsen and R.E. Fike, eds. *Archaeological investigations in Utah at Fish Springs, Clay Basin, northern San Rafael Swell, and southern Henry Mountains.* Utah State Office, Bureau of Land Manage. Cultural Resource Series No. 12.
- BENTZEN, R.C. 1963. The Bentzen-Little Bald Mountain site. *Plains Anthropol.* 8:41-51.
- BERGERUD, A.T., and F. MANUEL. 1968. Moose damage to balsam fir-white birch forests in central Newfoundland. *J. Wildl. Manage.* 32:729-746.
- BERGSTROM, R., and K. DANELL. 1987. Effects of simulated winter browsing by moose on morphology and biomass of two birch species. *J. Ecol.* 75:533-544.
- BETTERS, D.R., and R.F. WOODS. 1981. Uneven-aged stand structure and growth of Rocky Mountain aspen. *J. For.* 79:673-676.
- BETTINGER, R.L. 1987. Archaeological approaches to hunter-gatherers. *Ann. Rev. Anthropol.* 16:121-142.
- BINFORD, L.R. 1978. *Nunamiut ethnoarchaeology.* Academic Press, NY. 509 pp.
- BINFORD, L.R. 1981. *Bones: Ancient men and modern myths.* Academic Press, NY. 320 pp.
- BINFORD, L.R., and J.B. BERTRAM. 1977. Bone frequencies - and attritional processes. Pages 77-153 in L.R. Binford, ed. *For theory building in archaeology.* Academic Press, NY. 472 pp.
- BJARKO, J. 1988. Fire, elk and aspen. *Bozeman Daily Chronicle,* Bozeman, MT. July 14th. Page 9.
- BLACK-ROGERS, M. 1986. Varieties of "starving": semantics and survival in the subarctic fur trade, 1750-1850. *Ethnohist.* 33:353-383.
- BLACKMORE, W. 1872. *Diary.* Photocopy on file - Yellowstone Library and Museum Association Library, Yellowstone National Park, Mammoth, Wyoming. Original diary held by Western History Department, Denver Public Library, Denver, CO.

- BLISS, W.L. 1950. Birdshhead Cave, a stratified site in Wind River Basin, Wyoming. *Amer. Antiq.* 15:187-196.
- BLITZ, J.H. 1988. Adoption of the bow in prehistoric North America. *N. Amer. Archaeol.* 9:123-145.
- BLONSTON, G. 1983. Where nature takes its course. *Science* 83(11):44-55.
- BLUKIS ONAT, A.R. 1976. Archaeological excavations at site 45JE16, Indian Island, Jefferson County, Washington. Washington State Univ. Archaeological Research Center, Pullman. Project Rep. 30. 141 pp.
- BOBEK, B., K. PERZANOWSKI, J. SIWANOWICS, and J. ZIELINSKI. 1979. Deer pressure on forage in a deciduous forest. *Oikos* 32:373-380.
- BONNICHSEN, R. 1979. High-altitude adaptation at False Cougar Cave. *Nat. Geogr. Soc. Res. Rep.* 1979:27-40.
- BONNICHSEN, R., and C.W. BOLEN. 1985. A hair, faunal, and flaked stone assemblage: a Holocene and late Pleistocene record from False Cougar Cave, Montana. Pages 6-15 in T.C. Blackburn, ed. *Woman, Poet, Scientist: Essays Honoring Dr. Emma Lou Davis*. Anthropological Paper 29. Ballena Press, Los Altos, CA. 172 pp.
- BONNICHSEN, R., and J.S. OLIVER. eds. 1980. Archaeological research in the Pryor Mountains of south-central Montana: 1980 technical report of activities. Institute for Quaternary Studies, Univ. of Maine, Orono. Pryor Mtn. Paper 10. 91 pp.
- BONNICHSEN, R., R.W. GRAHAM, T. GEPPERT, J.S. OLIVER, S.G. OLIVER, D. SCHNURRENBERGER, R. STUCKENRATH, A. TRATEBAS, and D.E. YOUNG. 1986. False Cougar and Shield Trap Caves, Pryor Mountains, Montana. *Nat. Geogr. Res.* 2:276-290.
- BONNICKSEN, T.M. 1989. Statement of Dr. Thomas M. Bonnicksen, Department head and professor, Department of Recreation and Parks, Texas A&M University, before Committee on Interior and Insular Affairs, Subcommittee on National Parks and Public Lands and Committee on Agriculture, Subcommittee on Forests, Family Farms and Energy, U.S. House of Representatives. Jan. 31st. 8 pp. + appendix.
- BORCHERT, M.E., and S.K. JAIN. 1978. The effect of rodent seed predation on four species of California annual grasses. *Oecologia* 33:101-113.
- BORCHERT, M.I., F.W. DAVIS, J. MICHAELSEN, and L.D. OYLER. 1989. Interactions of factors affecting seedling recruitment of blue oak (*Quercus douglasii*) in California. *Ecology* 79:389-404.
- BORRERO, L.A. 1988. Guanaco indexes: their implications for the study of other ungulates. *Curr. Res. in Pleist.* 5:63-64.
- BOUCHER, D.H. 1981. Seed predation by mammals and forest dominance by *Quercus oleoides*, a tropical lowland oak. *Oecologia* 49:409-414.
- BOWER, P.W., J.C. MILLER, M.W. BERGSTROM, L.L. HARRELL, and A.D. GARDNER. 1986. The Sheehan site. *Archaeol. Services, Western Wyoming College Cultural Res. Manage. Rep.* 20.

- BOYCE, M.S. 1989. The Jackson elk herd: Intensive wildlife management in North America. Cambridge Univ. Press, Cambridge. 306 pp.
- BRADLEY, F.H. 1873. Geological report. Pages 190-274 in F.V. Hayden. Sixth annual report of the United States Geological Survey of the territories for the year 1872. U.S. Dep. of Interior. Government Printing Office, Washington D.C. 542 pp.
- BRADLEY, W.P. 1982. History, ecology, and management of an introduced wapiti population in Mount Rainer National Park, Washington. Ph.D. Diss., Univ. of Washington, Seattle. 274 pp.
- BRAIN, C.K. 1981. The hunters or the hunted? An introduction to African cave taphonomy. Univ. of Chicago Press, Chicago, IL. 365 pp.
- BRANDER, T.A. 1986. Density dependent effects of moose herbivory on balsam fir in Isle Royale National Park, Michigan. M.S. Thesis, Michigan Technological Univ., Houghton, MI. 29 pp.
- BRANDER, T.A., R.O. PETERSON, and K.L. RISENHOOVER. 1990. Balsam fir on Isle Royale: effects of moose herbivory and population density. Ecology 71:155-164.
- BRAUNER, D.R. 1976. Alpawai: the culture history of the Alpowa locality. Ph.D. Diss. Washington State Univ., Pullman. 436 pp.
- BRAYER, H.O. ed. 1942. Exploring the Yellowstone with Hayden, 1872: Diary of Sidford Hamp. Annals of Wyoming. 14:253-298.
- BRICHTA, P.H. 1987. Environmental relationships among wetland community types on the northern range, Yellowstone National Park. M.S. Thesis, Univ. of Montana, Missoula. 67 pp.
- BRINKMAN, K.A. 1974. Salix L.--willow. Pages 746-750 in Seeds of woody plants in the United States. U.S. Dep. Agr. Handbook No. 450.
- BROWN, C.L. 1977. An examination and evaluation of the archaeological occurrence of the American pronghorn antelope in the Columbia Plateau. M.S. on file with the Dep. of Anthropology, Washington State Univ., Pullman. 23 pp.
- BROWN, J.K, and D.G. SIMMERMAN. 1986. Appraisal of fuels and flammability in western aspen: a prescribed fire guide. U.S. For. Ser. Gen. Tech. Rep. INT-205. 48 pp.
- BROWN, J.K., and N.V. DEBYLE. 1982. Developing prescribed burning prescriptions for aspen in the intermountain west. Pages 29-49 in Symposium: Fire - its effects. Intermountain Fire Council and Rocky Mtn. Fire Council Proc. Jackson, WY. Oct. 19-21.
- BROWN, L.A. 1969. Archaeology of the lower Bighorn Canyon, Montana. Univ. of Montana Contrib. to Anthropol. 2. 108 pp.
- BRYAN, T.S. 1979. The geysers of Yellowstone. Colorado Associated Univ. Press. 225 pp.
- BRYANT, L.D., and C. MASER. 1982. Classification and distribution. Pages 1-59 in J.W. Thomas and D.E. Towell, eds. Elk of North America: ecology and management. Wildlife Management Institute and Stackpole Books. Harrisburg, PA. 698 pp.

- BUSBY, C. 1979. The prehistory and human ecology of Garden and Coal Valleys: a contribution to the prehistory of south-eastern Nevada. *Contrib. Univ. Calif. Archaeol. Res. Facility* 39:1-257.
- BUTLER, B.R. 1962. Contributions to the prehistory of the Columbia Plateau: a report on excavations in the Palouse and Craig Mountain sections. *Occ. Pap. Idaho State Coll. Mus.* 9:1-86.
- BUTLER, B.R. 1971a. The origin of the upper Snake country buffalo. *Tebiwa* 14:1-20.
- BUTLER, B.R. 1971b. A bison jump in the upper Salmon River Valley of eastern Idaho. *Tebiwa* 14:4-32.
- BUTLER, B.R. 1978. Bison hunting in the desert west before 1800: the Paleo-ecological potential and the archaeological reality. *Plains Anthropol.* 23(Memoir 14):106-112.
- BUTLER, B.R., H. GILDERSLEEVE, and J. SOMMERS. 1971. The Wasden site bison: sources of morphological variation. Pages 126-152 in A.H. Stryd and R.A. Smith, eds. *Aboriginal man and environments on the plateau of northwest America*. Students Press, Univ. of Calgary, Calgary, Alberta. 261 pp.
- CAHALANE, V.H. 1941. Wildlife surpluses in the national parks. *Trans. N. Amer. Wildl. Conf.* 6:355-361.
- CAHALANE, V.H. 1943. Elk management and herd regulation - Yellowstone National Park. *Trans. N. Amer. Wildl. Conf.* 8:95-101.
- CALDWELL, W.W., and O.L. MALLORY. 1967. Hells Canyon archaeology. *Smithsonian Institution River Basin Surveys Pub. in Salvage Archaeol.* 6. 153 pp.
- CAMPBELL, S.K. ed. 1984. Archaeological investigations at sites 45-OK-2 and 45-OK-2A, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 369 pp.
- CAMPBELL, S.K. ed. 1985. Summary of results, Chief Joseph Dam cultural resources project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 599 pp.
- CANNON, K.P. 1989. Yellowstone 1989: the northern range survey and post-fire assessment, a preliminary report. Paper present at 47th Plains Anthropological Conference, Sioux Falls, SD. Oct. 18-21st. 14 pp.
- CASE, G. 1938. The influence of elk on deer populations. 1st and 2nd Idaho Game Manage. Conf., Univ. of Idaho Bull. 33(22):25-27.
- CASEY, D., and D. HEIN. 1983. Effects of heavy browsing on a bird community in deciduous forest. *J. Wildl. Manage.* 47:829-836.
- CASSELLS, E.S. 1989. Faunal remains from the Five Fingers buffalo jump, Owyhee County, Idaho. *Plains Anthropol.* 34:56-58.
- CATLIN, G. 1844a. Letters and notes on the manners, customs, and conditions of the North American Indians. Republished in 1973 by Dover Publications, NY. Vol. I, 264 pp.

- CATLIN, G. 1844b. Letters and notes on the manners, customs, and conditions of the North American Indians. Republished in 1973 by Dover Publications, NY. Vol. II, 266 pp.
- CAUGHLEY, G. 1970. Eruption of ungulate populations with emphasis on Himalayan thar in New Zealand. *Ecology* 51:53-72.
- CAUGHLEY, G. 1976. Wildlife management and the dynamics of ungulate populations. *Appl. Biol.* 1:183-246.
- CAUGHLEY, G. 1981. Overpopulation. Pages 7-19 in P.A. Jewell and S. Holt, eds. Problems in management of locally abundant wild mammals. Academic Press, NY. 359 pp.
- CAVERS, P.B. 1983. Seed demography. *Can. J. Bot.* 61:3578-3590.
- CAYOT, L.J., J. PRUKOP, and D.R. SMITH. 1979. Zootic climax vegetation and natural regulation of elk in Yellowstone National Park. *Wildl. Soc. Bull.* 7:162-169.
- CHADDE, S., and C.E. KAY. 1988. Willows and moose: a study of grazing pressure, Slough Creek enclosure, Montana, 1961-1986. Univ. of Montana, Mont. For. and Conserv. Exp. Sta. Res. Note 24. 5 pp.
- CHADDE, S.W., P.L. HANSEN, and R.D. PFISTER. 1988. Wetland plant communities on the northern range of Yellowstone National Park. School of Forestry, Univ. of Montana, Missoula. Final contract report to National Park Service, Mammoth, WY. 81 pp.
- CHANCE, D.H., and J.V. CHANCE. 1982. Kettle Falls: 1971 and 1974, salvage archaeology in Lake Roosevelt. Univ. of Idaho Anthropol. Res. Manuscript Ser. 69. 518 pp.
- CHANCE, D.H., J.V. CHANCE, and J.L. FAGAN. 1977. Kettle Falls: 1972, salvage excavations in Lake Roosevelt. Univ. of Idaho Anthropol. Res. Manuscript Ser. 31. 246 pp.
- CHASE, A. 1983. The last bears of Yellowstone. *Atlantic Monthly* 251:63-73.
- CHASE, A. 1986. Playing God in Yellowstone: the destruction of America's first National Park. Atlantic Monthly Press, Boston. 446 pp.
- CHATTERS, J.C. 1984a. Dimensions of site structure; the archaeological record from two sites in Okanogan County, Washington. Central Washington Archaeology Survey. Central Washington Univ., Ellensburg, for Seattle District, U.S. Army Corps of Engineers. Contract DACW 67-82-C-0062. 151 pp.
- CHATTERS, J.C. 1984b. Human adaptation along the Columbia River 4700-1600 B.P. A report of test excavation at river mile 590, north central Washington. Central Washington Univ. Res. Rep. 84-1. 135 pp.
- CHILDERS, N.F. 1975. Modern fruit science. 6th ed. Horticultural Pub., Rutgers Univ., New Brunswick, NJ. 976 pp.

- CHREST, H., and J. HERBERT. 1982. Big game survey and inventory, region three. Montana Dep. Fish, Wildlife and Parks. PR Progress Rep. W-130-R-13. Job No. I-3 (segment B) Elk. July 1, 1981 to June 30, 1982. 98 pp. + Appendices.
- CHREST, H., and J. HERBERT. 1983. Big game survey and inventory, region three. Montana Dep. Fish, Wildlife and Parks. PR Progress Rep. W-130-R-14. Job No. I-3 (segment B) Elk. July 1, 1982 to June 30, 1983. 112 pp. + Appendices.
- CHREST, H., and J. HERBERT. 1985. Big game survey and inventory, region three. Montana Dep. Fish Wildlife and Parks. PR Progress Rep. W-130-R-16. Job No. 1-3 (segment B) Elk. July 1, 1984 to June 30, 1985.
- CHRISTENSEN, N.L., J.K. AGEE, P.F. BRUSSARD, J. HUGES, D.H. KNIGHT, G.W. MINS, J.M. PEEK, S.J. PYNE, F.J. SWANSON, J.W. THOMES, S. WELLS, S.E. WILLIAMS, and H.A. WRIGHT. 1989. Interpreting the Yellowstone fires of 1988. *Biosci.* 39:678-685.
- CHRISTENSON, A.L. 1981. The evolution of subsistence in the prehistoric midwestern United States. Ph.D. Diss., Univ. of California at Los Angeles. 292 pp.
- CLARK, T.W., and A.H. HARVEY. 1988. Management of the Greater Yellowstone Ecosystem. Northern Rockies Conservation Cooperative, Jackson, WY. 51 pp.
- CLARK, T.W., and D. ZAUNBRECHER. 1987. The Greater Yellowstone Ecosystem: the ecosystem concept in natural resource policy and management. *Renewable Resources J.* 5(3):8-16.
- CLIFF, E.P. 1939. Relationship between elk and mule deer in the Blue Mountains of Oregon. *Trans. N. Amer. Wildl. Conf.* 4:560-569.
- COHEN, M.N. 1977. The food crisis in prehistory. Yale Univ. Press, New Haven, CT. 341 pp.
- COLE, G. 1968. Elk and the primary purpose of Yellowstone National Park. Unpub. Rep., Yellowstone Nat. Park, WY. June 26. 8 pp.
- COLE, G.F. 1969a. The elk of Grand Teton and southern Yellowstone National Parks. Nat. Park Service Res. Rep. GRTE -N-1. 192 Pages Reissued by Office of Natural Science Studies, National Park Service in 1978. 80 pp.
- COLE, G.F. 1969b. Elk management and the Yellowstone ecosystem. Research Note, Yellowstone National Park, WY. Feb. 14 pp.
- COLE, G.F. 1971a. Yellowstone wolves (Canis lupus irrematus). Yellowstone National Park Research Note 4. 6 pp.
- COLE, G.F. 1971b. An ecological rationale for the natural or artificial regulation of native ungulates in parks. *Trans. N. Amer. Wildl. Conf.* 36:417-425.
- COLE, G.F. 1974. Population regulation in relation to K. Paper presented at the annual meeting of the Montana Chapter of the Wildlife Society. Bozeman, MT. Feb. 22. 17 pp.

- COLE, G.F. 1983. A naturally regulated elk population. Pages 62-92 in F.L. Bunnell, D.S. Eastman, and J.M. Peek, eds. Symposium on natural regulation of wildlife populations. Univ. of Idaho, Forest Wildlife and Range Exp. Sta. Proc. 14. 225 pp.
- COLE, K. 1985. Past rates of change, species richness, and a model of vegetational inertia in the Grand Canyon, Arizona. *Amer. Natur.* 125:289-303.
- COLES, F.H. 1965. The effects of big game and cattle grazing on aspen regeneration. M.S. Thesis, Brigham Young Univ., Provo, UT. 72 pp.
- COLLINS, K. 1988. Officials will check on health of park aspen. *Star-Tribune*, Casper, WY. Aug. 1. Page 1.
- COLLINS, W.B., and P.J. URNESS. 1983. Feeding behavior and habitat selection of mule deer and elk on northern Utah summer range. *J. Wildl. Manage.* 47:646-663.
- COMPTON, T. 1975. Mule deer-elk relationships in the western Sierra Madre Area of southcentral Wyoming. Wyoming Game Fish Dep. Wildl. Tech. Rep. 1. 125 pp.
- CONNOR, M.A. 1986. Jackson Lake archaeological project, 1985: an interim report. National Park Service, Midwest Archaeological Center, Lincoln, NE. 192 pp.
- CONNOR, M. 1987. Site testing at Jackson Lake: a Jackson Lake archaeological project interim report. National Park Service, Midwest Archaeological Center, Lincoln, NE. 160 pp.
- CONNOR, M. 1988. Jackson Lake archaeological project. Pages 87-92 in Twelfth annual report - Univ. of Wyoming National Park Research Center. Univ. of Wyoming, Laramie.
- CONNOR, M.A. 1989. High country contentions: comments on Bender and Wright. *Amer. Anthropol.* 91:1010-1012.
- CONSOLO, S.L. 1989. Letter to James Teer, President, The Wildlife Society. Yellowstone National Park, Wyoming, Letter N1615 (YELL), 3 pp. + attachments.
- COOK, C.W. 1980. Faunal analysis of five Utah Valley sites: a test of a subsistence model from the Sevier Fremont area. M.S. Thesis. Brigham Young Univ., Provo, UT. 104 pp.
- COOK, C.W., D.E. FOLSOM, and W. PETERSON. 1965. The valley of the upper Yellowstone, an exploration of the headwaters of the Yellowstone River in the year 1869. Edited by A.L. Haines, Univ. of Oklahoma Press, Norman. 79 pp.
- COOPER, S.V. 1975. Forest habitat types of northwestern Wyoming and contiguous portions of Montana and Idaho. Ph.D. Diss. Washington State Univ., Pullman. 190 pp.
- COWAN, I. McT. 1947. Range competition between mule deer and bighorn sheep, and elk in Jasper Park, Alberta. *Trans. N. Amer. Wildl. Conf.* 12:223-227.

- COWAN, I. McT. 1950. Some vital statistics of big game on overstocked mountain range. *Trans. N. Amer. Wildl. Conf.* 15:581-588.
- COWAN, R.A., and C.S. CLEWLOW, Jr. 1968. The archaeology of site NV-PE-67. *Univ. of Calif. Archaeol. Survey Rep.* 73:195-236.
- CRAMER, J.L. 1984. High-technology core manufacture at the Eagle Creek site (24PA301), Park County, Montana. *Archaeol. in Montana* 25(1):25-29.
- CREASMAN, S.D., and K.W. THOMPSON. 1985. Report on site 48SU867 to Exxon Company, USA. *Archaeological Services, Western Wyoming College, Rock Springs.* June 14. 15 pp.
- CREASMAN, S.D., T. HOEFER, J.C. NEWBERRY, T.P. REUST, D. KULLEN, and H.R. DAVIDSON. 1983. Archaeological monitor and salvage excavations along the Trailblazer Pipeline, southwest Wyoming. *Archaeol. Services Western Wyoming College Cultural Resource Manage. Rep.* 10. Vol I. 177 pp.
- CREASMAN, S.D., T.P. REUST, J.C. NEWBERRY, K. HARVEY, J.C. MACKEY, C. MOORE, D. KULLEN, and I. PENNELLA. 1982. Archaeological investigations along the Trailblazer Pipeline. *Archaeol. Services Western Wyoming College Cultural Resource Manage. Rep.* 3. Vol. I and II.
- CROFT, A.R. 1974. A critique of "An ecological evaluation of Big Game Ridge." *U.S. For. Ser., Intermountain Region.* 34 pp.
- CROFT, A.R., and L. ELLISON. 1960. Watershed and range conditions on Big Game Ridge and vicinity, Teton National Forest, Wyoming. *U.S. For. Ser., Ogden, UT.* 37 pp.
- CULWELL, L.D., and K.L. SCOW. 1982. Vegetation inventory of the Jardine Project area, Park County, Montana, 1981. Report prepared for Homestake Mining Company by Western Technology and Engineering, Inc. Report on file Gallatin National Forest, Gardiner Ranger District, Gardiner, MT. December. 180 pp.
- DAILEY, T.V., and N.T. HOBBS. 1989. Travel in alpine terrain: energy expenditures for locomotion by mountain goats and bighorn sheep. *Can. J. Zool.* 67:2368-2375.
- DALLEY, G.F. 1976. Swallow shelter and associated sites. *Univ. Utah. Anthropol. Papers* 96. 183 pp.
- D'ANDREA, A.C., and R.M. GOTTHARDT. 1984. Predator and scavenger modification of recent skeletal assemblages. *Arctic* 37:276-283.
- DANELL, K., K. HUSS-DANELL, and R. BERGSTROM. 1985. Interactions between browsing moose and two species of birch in Sweden. *Ecology* 66:1867-1878.
- DANSIE, A.J., and T. RINGCOB. 1979. Faunal analysis of the Glendale site assemblages. Pages 184-220 in M.M. Miller, and R.G. Elston, eds. *The archaeology of the Glendale Site (26WA2065)*. Report submitted to the Nevada Department of Highways by the Nevada Archaeological Survey, Univ. of Nevada, Reno. 276 pp.
- DAUBENMIRE, R. 1959. A canopy-coverage method of vegetational analysis. *Northwest Sci.* 33:43-64.

- DAUTHERTY, R.D., J.J. FLENNIKEN, and J.M. WELCH. 1987a. A data recovery study of Laysen Cave (45-LE-223) in Lewis County, Washington. U.S. For. Ser. Pacific Northwest Region Studies in Cultural Resource Manage. 7. 164 pp.
- DAUTHERTY, R.D., J.J. FLENNIKEN, and J.M. WELCH. 1987b. A data recovery study of Judd Peak Rockshelters (45-LE-222) in Lewis County, Washington. U.S. For. Ser. Pacific Northwest Region Studies in Cultural Resource Manage. 8. 238 pp.
- DAVIS, K.M., and R.W. MUTCH. 1989. The fires of the greater Yellowstone area: the saga of a long hot summer. West. Wildlands 15(2):2-9.
- DAVIS, L.B. 1983. Stone circles in Montana Rockies: relict households and transitory communities. Plains Anthropol. 28(Memoir 19):235-278.
- DAVIS, M.B. 1986. Climatic instability, time lags, and community disequilibrium. Pages 269-284 in J. Diamond, and T.J. Case, eds. Community ecology. Harper & Row, NY. 379 pp.
- DAVIS, M.B., and D.B. BOTKIN. 1985. Sensitivity of cool-temperate forests and their fossil pollen record to rapid temperature change. Quaternary Res. 23:327-340.
- DEAVER, K., and G.S. GREENE. 1975. Faunal utilization at 45AD2, a prehistoric site in the channeled scablands of eastern Washington. Tebiwa Misc. Papers 14:1-21.
- DEBYLE, N.V. 1979. Potential effects of stable versus fluctuating elk populations in the aspen ecosystem. Pages 13-19 in M.S. Boyce, and L.D. Hayden-Wing, eds. North American elk, ecology, behavior and management. Univ. of Wyoming, Laramie. 294 pp.
- DEBYLE, N.V. 1985a. Animal impacts. Pages 115-123 in N.V. DeByle, and R.P. Winokur, eds, Aspen: ecology and management in the western United States. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- DEBYLE, N.V. 1985b. Water and watershed. Pages 153-160 in N.V. DeByle, and R.P. Winokur, eds. Aspen: ecology and management in the western United States. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- DEBYLE, N.V. 1985c. Management for esthetics and recreation, forage, water and wildlife. Pages 223-232 in N.V. DeByle, and R.P. Winokur, eds. Aspen: ecology and management in the western United States. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- DEBYLE, N.V., C.D. BEVINS, and W.C. FISHER. 1987. Wildfire occurrence in aspen in the interior western United States. West. J. Appl. For. 2:73-76.
- DEKKER, D. 1985a. Elk population fluctuations and their probable causes in the Snake Indian Valley of Jasper National Park: 1970-1985. Alberta Naturalist 15(2):49-54.
- DEKKER, D. 1985b. Wild hunters. Canadian Wolf Defenders, Edmonton, Alberta. 224 pp.
- DELACY, W.W. 1876. A trip up the south Snake River in 1863. Contrib. Hist. Soc. of Montana 1:113-143.

- DENSMORE, R., and J. ZASADA. 1983. Seed dispersal and dormancy patterns in northern willows: ecological and evolutionary significance. *Can. J. Bot.* 61:3201-3216.
- DESPAIN, D., D. HOUSTON, M. MEAGHER, and P. SCHULLERY. 1986. Wildlife in transition: man and nature on Yellowstone's northern range. Roberts Rinehart Inc., Boulder, CO. 142 pp.
- DESTEVEN, D., and F.E. PUTZ. 1984. Impact of mammals on early recruitment of a tropical canopy tree, Dipteryx panamensis, in Panama. *Oikos* 43:207-216.
- DIAMOND, J. 1986. Overview: Laboratory experiments, field experiments, and natural experiments. Pages 3-22 in J. Diamond, and T.J. Case, eds. *Community ecology*. Harper and Row, NY.
- DIETER, C.D. 1987. Habitat use by beaver along the Big Sioux River. M.S. Thesis, South Dakota State Univ., Brookings. 60 pp.
- DIETER, C.D., and T.R. MCCABE. 1989. Factors influencing beaver lodge-site selection on a prairie river. *Amer. Midl. Natur.* 122:408-411.
- DOANE, G.C. 1875. Yellowstone Expedition of 1870. 41st Congress. 3rd. Session. Senate Exc. Doc. No. 51. 40 pp.
- DOANE, G.C. 1876. Expedition of 1876-1877. Unpub. Rep. on file, Yellowstone National Park Library, Mammoth, WY. Typed. 44 pp.
- DOBYNS, H.F. 1981. From fire to flood: historic human destruction of Sonoran Desert riverine oases. *Anthropological Papers No. 20*, Ballena Press, Socorro, NM. 222 pp.
- DOBYNS, H.F. 1983. Their numbers become thinned: Native American population dynamics in eastern North America. Univ. of Tennessee Press, Knoxville. 378 pp.
- DODD, W.A. Jr. 1982. Final year excavations at the Evans Mound Site. Univ. Utah. *Anthropol. Papers* 106. 127 pp.
- DOMINICK, D. 1964. The sheepeters. *Annals of Wyoming* 36:131-168.
- DOUGLAS, A.V., and C.W. STOCKTON. 1975. Long-term reconstruction of seasonal temperature and precipitation in Yellowstone National Park region using dendoclimatic techniques. Laboratory of Tree-Ring Research, Univ. of Arizona, Tucson. Unpub. Rep. on file, Yellowstone Nat. Park, WY. 86 pp.
- DUGGAN, A.E. 1985. Pre-dispersal seed predation by Anthocaris cardamines (Pieridae) in the population dynamics of the perennial Cardamine pratensis (Brassicaceae). *Oikos* 44:99-106.
- DUMOND, D.E., and R. MINOR. 1983. Archaeology in the John Day Reservoir: the Wildcat Canyon site, 35-GM-9. Univ. of Oregon *Anthropol. Papers* 30. 227 pp.
- DUNRAVEN, W.T. 1967. The great divide: travels in the upper Yellowstone in the summer of 1874. Univ. of Nebraska Press, Lincoln. 377 pp.

- EAKIN, D.H. 1986. Results of additional archaeological investigations along sections of the North Fork of the Shoshone River, Highway 14, 16, 20. Highway project SCPF-031-1 (21). Office of Wyoming State Archaeologist, Laramie. Project No. WY-49-84. 58 pp. + appendix.
- EAKIN, D.H., D. DARLINGTON, and L. PEYTON. 1986. Results of archaeological investigations along sections of the North Fork of the Shoshone River, Highway 14, 16, 20. Highway project SCPF-031-1 (21). Report by Office of Wyoming State Archaeologist for Wyoming Highway Department. Project No. WY-49-84. 135 pp.
- EDGE, W.D., and C.L. MARCUM. 1985. Movements of elk in relation to logging disturbances. *J. Wildl. Manage.* 49:926-930.
- EDGE, W.D., C.L. MARCUM, and S.L. OLSON. 1985. Effects of logging activities on home-range fidelity of elk. *J. Wildl. Manage.* 49:741-744.
- EDGERTON, P.J. 1987. Influence of ungulates on the development of the shrub understory of an upper slope mixed conifer forest. Pages 162-167 in *Proceedings - symposium on plant-herbivore interactions*. U.S. For. Ser. Gen. Tech. Rep. INT-222.
- EDWARDS, J. 1985. Effects of herbivory by moose on flower and fruit production of *Aralia nudicaulis*. *J. Ecol.* 73:861-868.
- EKEY, R. 1987. Elk threaten aspen in park, experts say. *Billings Gazette*, Billings, MT. May 30. Page 1.
- ELMQUIST, T., L. ERICSON, K. DANELL, and A. SALOMONSON. 1987. Flowering, shoot production, and vole bark herbivory in boreal willow. *Ecology* 68:1623-1629.
- ERICKSON, G.L. 1981. The northern Yellowstone elk herd--a conflict of policies. *West. Ass. Fish and Game Agencies* 61:92-108.
- EWERS, J.C. 1958. *The Blackfeet-raiders of the northwestern plains*. Univ. of Oklahoma Press, Norman. 345 pp.
- FALK, C.R. 1977. Analyses of unmodified vertebrate fauna from sites in the middle Missouri subarea: a review. *Plains Anthropol.* 22:151-161.
- FECHNER, G.H., and J.S. BARROWS. 1976. Aspen stands as wildfire fuel breaks. *Eisenhower Consortium Bull.* 4:1-26. U.S. For. Ser. Rocky Mtn. For. and Range Exp. Sta., Ft. Collins, CO.
- FEIT, H.A. 1978. *Waswanipi realities and adaptations: resource management and cognitive structure*. Ph.D. Diss. McGill Univ., Montreal. 1149 pp.
- FEIT, H.A. 1987. North American Native hunting and management of moose populations. *Swedish Wildlife Res. (Suppl. 1):*25-42.
- FIELLER, N.R.J., and A. TURNER. 1982. Number estimation in vertebrate samples. *J. Archaeol. Sci.* 9:49-62.
- FISHER, J.W. Jr. 1984. Medium-sized artiodactyl butchering and processing. *Wyoming Archaeol.* 27(1-2):63-82.

- FLACK, J.A.D. 1976. Bird populations of aspen forests in western North America. *Ornithological Monogr.* 19. 97 pp.
- FLOOK, D.R. 1964. Range relationships of some ungulates native to Banff and Jasper National Parks, Alberta. Pages 119-128 in D.J. Crisp, ed. *Grazing in terrestrial and marine environments.* Blackwell Press, Oxford. 429 pp.
- FORBIS, R.G. 1978. Some facets of communal hunting. *Plains Anthropol.* 23 (Memoir 14):3-8.
- FORMAN, R.T., and E.W. RUSSELL. 1983. Evaluation of historical data. *Ecol. Soc. Bull.* 64:5-7.
- FOWLER, D.D. 1963. 1961 excavations - Harris Wash, Utah. *Univ. Utah Anthropol. Papers* 64. 156 pp.
- FOWLER, D.D., and C.M. AIKENS. 1963. 1961 excavations - Kaiparowits Plateau. *Univ. Utah Anthropol. Papers* 66. 89 pp.
- FOWLER, D.D., D.B. MADSEN, and E.M. HATTORI. 1973. Prehistory of southeastern Nevada. *Desert Research Institute Pub. in the Social Sciences* 6. 145 pp.
- FRELICH, L.E., and C.G. LORIMER. 1985. Current and predicted long-term effects of deer browsing in hemlock forests in Michigan, U.S.A. *Biol. Conserv.* 34:99-120.
- FRISON, G.C. 1968a. Leigh Cave, Wyoming: site 48WA304. *Wyoming Archaeol.* 11(3):21-33.
- FRISON, G. 1968b. Daugherty Cave, Wyoming. *Plains Anthropol.* 13:253-295.
- FRISON, G.C. 1970. The Glenrock Buffalo Jump, 48CO304: late prehistoric period buffalo procurement and butchering on the northwestern plains. *Plains Anthropol.* 50(Memoir 7):1-55.
- FRISON, G.C. 1971a. Shoshonean antelope procurement in the upper Green River Basin, Wyoming. *Plains Anthropol.* 16:258-284.
- FRISON, G.C. 1971b. Prehistoric occupations of the Grand Teton National Park. *Naturalist* 21(1)34-37.
- FRISON, G.C. 1973a. The Wardell buffalo trap 48SU301: communal procurement in the upper Green River basin, Wyoming. *Museum of Anthropology, Univ. of Michigan Anthropol. Paper* 48. 111 pp.
- FRISON, G. 1973b. Early period marginal cultural groups in northern Wyoming. *Plains Anthropol.* 18:300-312.
- FRISON, G.C. 1978. Prehistoric hunters of the high plains. *Academic Press, NY.* 457 pp.
- FRISON, G.C. 1981. Book review: the Mummy Cave project in northwestern Wyoming. *Plains Anthropol.* 26:85-87.
- FRISON, G.C. 1983. The Lookingbill site, Wyoming (48FR308). *Tebiwa Misc. Papers* 20:1-16.

- FRISON, G.C. 1984. The Carter/Kerr-McGee paleoindian site: cultural resources management and archaeological research. *Amer. Antiq.* 49:288-314.
- FRISON, G.C. 1985. Prehistoric and early historic mountain sheep procurement in the central Rocky Mountains. Pages 267-276. in D. Burley, ed. *Contributions to Plains prehistory: the 1984 Victoria symposium*. Archaeological Survey of Alberta Occ. Paper 26. 284 pp.
- FRISON, G.C. 1987. Prehistoric, plains-mountain, large mammal, communal hunting strategies. Pages 177-223 in M.H. Nitecki, and D.V. Nitecki, eds. *Plenum Press, NY.* 467 pp.
- FRISON, G.C. 1988. Paleoindian subsistence and settlement during post-Clovis times on the northwest plains, the adjacent mountain ranges, and intermontane basins. Pages 83-106 in R.C. Carlisle, ed. *Americans before Columbus: ice-age origins*. Dep. of Anthropology, Univ. of Pittsburgh, *Ethnology Monogr.* 12. 361 pp.
- FRISON, G.C. 1989a. Experimental use of Clovis weaponry and tools on African elephants. *Amer. Antiq.* 54:766-784.
- FRISON, G.C. 1989b. Hunting strategies and animal mortality data. Paper presented at 54th Annual Meeting Society for Amer. Archaeology. Atlanta, GA. 10 pp.
- FRISON, G., and D.N. WALKER. eds. 1984. The Dead Indian Creek site: an archaic occupation in the Absaroka Mountains of northeastern Wyoming. *Wyoming Archaeol.* 27(1-2):11-122.
- FRISON, G.C., and L.C. TODD. 1987. The Horner Site: the type site of the Cody cultural complex. *Academic Press, NY.* 586 pp.
- FRISON, G.C., M. WILSON, and D.N. WALKER. 1978. The Big Goose Creek site: bison procurement and faunal analysis. *Occ. Papers on Wyoming Archaeol.* 1:1-50.
- FRISON, G.C., R.L. ANDREWS, J.M. ADOVASIO, R.C. CARLISLE, and R. EDGER. 1986. A late Paleoindian animal trapping net from northern Wyoming. *Amer. Antiq.* 51:352-361.
- FRY, G.F., and G.F. DALLEY. 1979. The Levee site and the Knoll site. *Univ. Utah Anthropol. Papers* 100. 113 pp.
- GALM, J.R., and R.A. MASTEN. eds. 1985. *Avey's Orchard: archaeological investigation of a late prehistoric Columbia River community*. Eastern Washington Univ. *Reports in Archaeology and History* 100-42. 522 pp.
- GALM, J.R., and R.L. LYMAN. eds. 1988. *Archaeological investigations at river mile 590: the excavations at 45D0189*. Eastern Washington Univ. *Reports in Archaeology and History* 100-61. 321 pp.
- GANSKOPP, D.C. 1986. Tolerances of sagebrush, rabbitbrush, and greasewood to elevated water tables. *J. Range Manage.* 39:334-337.
- GARRISON, G.A. 1953. Effects of clipping on some range shrubs. *J. Range Manage.* 6:309-317.

- GARVIN, R.D. 1988. The manipulation of vertebrate remains: a scavenger's perspective. Pages 22-31 in B.V. Kennedy, and G.M. LeMoine, eds. Diet and subsistence: current archaeological perspectives. Proc. 9th Ann. Conf. Archaeological Ass., Univ. of Calgary. 267 pp.
- GASAWAY, W.C., R.O. STEPHENSON, J.L. DAVIS, P.E.K. SHEPHERD, and O.E. BURRIS. 1983. Interrelationships of wolves, prey, and man in interior Alaska. Wildl. Monogr. 84. 50 pp.
- GENERAL ACCOUNTING OFFICE. 1988. Public rangelands: some riparian areas restored but widespread improvement will be slow. GAO Rep. RCED-88-105. 85 pp.
- GILLETTE, D.D. 1981. Report on Givens Hot Springs archaeological site to Thomas Green, Idaho State Archaeologist. Geotech/Biotech, Caldwell, ID. Feb. 2. 7 pp.
- GILLETTE, W.C. 1870. Personal diary of 1870 expedition to Yellowstone Park area. Typed copy on file, Yellowstone National Park Library, Mammoth, WY. 18 pp.
- GOOD, K.R. 1987. Limiting factors in Amazonia ecology. Pages 407-421 in M. Harris, and E.B. Ross, eds. Food and evolution: toward a theory of human food habits. Temple Univ. Press, Philadelphia, PA. 633 pp.
- GOULD, R.A. 1982. To have or have not: the ecology of sharing among hunter-gatherers. Pages 69-92 in N.M. Williams, and E.S. Hunn, eds. Resource managers: North American and Australian hunter-gatherers. AAAS Selected Symposium 67. 267 pp.
- GRACE, J., and N. EASTERBEE. 1979. The natural shelter for red deer (*Cervus elaphus*) in a Scottish glen. J. Appl. Ecol. 16:37-48.
- GRAHAM, S.A. 1958. Results of deer enclosure experiments in the Ottawa National Forest. Trans. N. Amer. Wildl. Conf. 23:478-490.
- GRAMLY, R.M. 1977. Deerskins and hunting territories: competition for a scarce resource of the northeastern woodlands. Amer. Antiq. 42:601-605.
- GRAMLY, R.M. 1979. Reply to Webster, and Turner and Santley. Amer. Antiq. 44:820-821.
- GRANT, C. 1980. The desert bighorn and aboriginal man. Pages 7-40 in G. Monson, and L. Sumner, eds. The desert bighorn. Univ. of Arizona Press, Tucson. 370 pp.
- GRAYSON, D.K. 1973. On the methodology of faunal analysis. Amer. Antiq. 39:332-339.
- GRAYSON, D.K. 1977. Paleoclimatic implications of the Dirty Shame Rockshelter mammalian fauna. Tebiwa Misc. Papers 9:1-16.
- GRAYSON, D.K. 1978. Minimum numbers and sample size in vertebrate faunal analysis. Amer. Antiq. 43:53-65.
- GRAYSON, D.K. 1979. Mt. Mazama, climatic change, and Fort Rock Basin archaeofaunas. Pages 427-458 in P.D. Sheets, and D.K. Grayson, eds. Volcanic activity and human ecology. Academic Press, NY. 644 pp.

- GRAYSON, D.K. 1981. A critical view of the use of archaeological vertebrates in paleoenvironmental reconstruction. *J. Ethnobiol.* 1:28-38.
- GRAYSON, D.K. 1982. Toward a history of Great Basin mammals during the past 15,000 years. Pages 82-101 in D.B. Madsen, and J.F. O'Connell, eds. *Review of anthropological archaeology of the Great Basin. Society for American Archaeology Paper 2.* 242 pp.
- GRAYSON, D.K. 1984. *Quantitative zooarchaeology.* Academic Press, NY. 202 pp.
- GRAYSON, D.K. 1988. Danger Cave, Last Supper Cave, and Hanging Rock Shelter: the faunas. *Anthropol. Papers Amer. Museum Natur. Hist.* 66:1-130.
- GRAYSON, D.K. 1989a. Chapter 8. The James Creek shelter mammals. Unpub. Ms. 34 pp.
- GRAYSON, D.K. 1989b. Bone transport, bone destruction, and reverse utility curves. *J. Archaeol. Sci.* 15:643-652.
- GREEN, T.J. 1982. House form and variability at Givens Hot Springs, southwest Idaho. *Idaho Archaeol.* 6(1-2):33-44.
- GREISER, S.T., T.W. GREISER, and S.M. VETTER. 1985. Middle prehistoric adaptations and paleoenvironment in the northwestern plains: the Sun River site. *Amer. Antiq.* 50:849-977.
- GRIMM, R.L. 1939. North Yellowstone winter range studies. *J. Wildl. Manage.* 3:295-306.
- GRUELL, G.E. 1973. An ecological evaluation of Big Game Ridge. U.S. For. Ser., Intermountain Region. 62 pp.
- GRUELL, G.E. 1979. Wildlife habitat investigations and management implications on the Bridger-Teton National Forest. Pages 63-74 in M.S. Boyce, and L.D. Hayden-Wing, eds. *North American elk, ecology, behavior and management.* Univ. of Wyoming, Laramie. 294 pp.
- GRUELL, G.E. 1980a. Fire's influence on wildlife habitat on the Bridger-Teton National Forest, Wyoming. Vol. 1 - Photographic record and analysis. U.S. For. Ser. Res. Paper INT-235. 207 pp.
- GRUELL, G.E. 1980b. Fire's influence on wildlife habitat on the Bridger-Teton National Forest, Wyoming. Vol. 2 - Changes and causes, management implications. U.S. For. Ser. Res. Paper INT-252. 35 pp.
- GRUELL, G.E. 1983. Fire and vegetative trends in the northern Rockies: interpretations from 1871-1982 photographs. U.S. For. Ser. Gen. Tech. Rep. INT-158. 117 pp.
- GRUELL, G.E. 1986. Post-1900 mule deer irruptions in the intermountain west: principle cause and influences. U.S. For. Ser. Gen. Tech. Rep. INT-206. 37 pp.
- GRUELL, G.E., and L.L. LOOPE. 1974. Relationships among aspen, fire and ungulate browsing in Jackson Hole, Wyoming. U.S. For. Ser., Intermountain Region, Ogden, UT. 33 pp.

- GRUHN, R. 1961. The archaeology of Wilson Butte Cave, south-central Idaho. Occ. Papers Idaho State Coll. Mus. 6. 202 pp.
- GUSTAFSON, C.E. 1972. Faunal remains from Marmes Rockshelter and related archaeological sites in the Columbia Basin. Ph.D. Diss. Washington State Univ., Pullman. 183 pp.
- GYSEL, L.W. 1960. An ecological study of the winter range of elk and mule deer in the Rocky Mountain National Park. J. For. 58:696-703.
- HACKENBERGER, S. 1984. Cultural ecology and economic decision making of montane hunter-gatherers in central Idaho. M.A. Thesis. Washington State Univ., Pullman 234 pp.
- HACKENBERGER, S. 1988. Cultural ecology and evolution in central montane Idaho. Ph.D. Diss. Washington State Univ., Pullman. 443 pp.
- HADLY, E.A. 1988. The prehistory of elk and other fauna from Lamar Cave, Yellowstone National Park, Wyoming. Page 3 in F. Singer, ed. First annual meeting of research and monitoring on Yellowstone's northern range, January 28-29, 1988. Yellowstone National Park, Mammoth, WY. 26 pp.
- HADLY, E.A. 1989. Mammals from Lamar Cave, a Paleontological site in Yellowstone National Park, Wyoming. Page 15 in F. Singer, ed. Second annual meeting of research and monitoring on Yellowstone's northern range. March 22-23, 1989. Yellowstone National Park, Mammoth, WY. 18 pp.
- HAINES, A.L. 1965. Valley of the upper Yellowstone. Univ. of Oklahoma Press, Norman. 79 pp.
- HAINES, A.L. 1974. Yellowstone National Park - its exploration and establishment. U.S. National Park Service, Washington DC. 218 pp.
- HAINES, A.L. 1977. The Yellowstone Story. Yellowstone Library and Museum Association in cooperation with Colorado Association University Press, Yellowstone Nat. Park, WY. Vol. 1, 385 pp.
- HALL, H.J. 1977. A paleoscatological study of diet and disease at Dirty Shame Rockshelter, southeast Oregon. Tebiwa Misc. Papers 8:1-15.
- HALL, M.J. 1983. A reassessment of American Fork Cave (42UT-135), Utah County, Utah. Brigham Young Univ., Dep. of Anthropology, Tech. Series 83-51:1-15.
- HAMPTON, H.D. 1971. How the U.S. Calvary saved our national parks. Indiana Univ. Press, Bloomington, IN. 246 pp.
- HANLEY, T.A. 1978. A comparison of the line-interception and quadrat estimation methods of determining shrub canopy coverage. J. Range Manage. 31:60-62.
- HANLEY, T.A. 1987. Physical and chemical response of understory vegetation to deer use in southeastern Alaska. Can. J. For. Res. 17:195-199.

- HANLEY, T.A., and R.D. TABER. 1980. Selective plant species inhibition by elk and deer in three conifer communities in western Washington. *For. Sci.* 26:97-107.
- HANSEN, P.L., G.R. HOFFMAN, and G.A. STEINAUER. 1984. Upland forest and woodland habitat types of the Missouri plateau, Great Plains province. In D.L. Noble, and R.P. Winokur, eds. *Wooded draws: characteristics and values for the northern Great Plains*. Great Plains Agr. Council. Pub. No. 111.
- HARKINS, S.K. 1980. The prehistoric occurrence and aboriginal utilization of Bison sp. in the central Columbia Basin, Washington. M.A. Thesis. Washington State Univ., Pullman. 98 pp.
- HARNISS, R.O. 1981. Ecological succession in aspen and its consequences on multiple use values. Pages 31-39 in N.V. DeByle, ed. *Symposium proceedings -- situation management of two Intermountain species: aspen and coyotes*. Vol. I--Aspen. Utah State Univ., Logan. 99 pp.
- HARPER, J.L. 1977. *Population biology of plants*. Academic Press, NY. 451 pp.
- HARRELL, L., and S. MCKERN. 1986. The Maxon Ranch site. *Archaeol. Services Western Wyoming College Cultural Res. Manage. Rep.* 18. 463 pp.
- HARRIS, A. 1978. The Mummy Cave tetrapods. Pages 146-151 in H. McCracken, ed. *The Mummy Cave project in Northwestern Wyoming*. Buffalo Bill Historical Center, Cody, WY. 321 pp.
- HART, J.H. 1986. Relationships among aspen, fungi, and ungulate browsing in Colorado and Wyoming. Unpub. Rep., Dep. of Forestry, Michigan State Univ., East Lansing. 71 pp.
- HAWKES, K. 1987. How much food do foragers need? Pages 341-355 in M. Harris, and E.B. Ross, eds. *Food and evolution*. Temple Univ. Press, Philadelphia, PA. 394 pp.
- HAWKES, K. 1990. Why do men hunt? Some benefits for risky strategies. Pages 145-166 in E. Cashdan, ed. *Risk and uncertainty in tribal and peasant economies*. Westview Press, Boulder, CO. 314 pp.
- HAWKES, K. (in press). Showing off: tests of an hypothesis about men's foraging goals. *Ethnol. and Sociobio.* 28 pp. + tables and figures.
- HAWKES, K., and J.F. O'CONNELL. 1981. Affluent hunters? Some comments in light of the Alyawara case. *Amer. Anthropol.* 83:622-626.
- HAWKES, K., and J.F. O'CONNELL. 1985. Optimal foraging models and the case of the !Kung. *Amer. Anthropol.* 87:401-405.
- HAWKES, K., K. HILL, and J.F. O'CONNELL. 1982. Why hunters gather: optimal foraging and the Ache of eastern Paraguay. *Amer. Ethnol.* 9:379-398.
- HAWKES, K., J.F. O'CONNELL, K. HILL, and E.L. CHARNOV. 1985. How much is enough? Hunters and limited needs. *Ethnol. and Sociobiol.* 6:3-15.

- HAYDEN, B. 1981. Subsistence and ecological adaptations of modern hunter/gatherers. Pages 344-421 in R.S.O. Harding, and G. Teleki, eds. Omnivorous primates. Columbia Univ. Press, NY. 676 pp.
- HAYDEN, F.V. 1872. Preliminary report of the United States geological survey of Montana and portions of adjacent territories; being a fifth annual report of progress. 42nd Congr., 2nd Sess., House Exec. Doc. No. 326. Serial 1520. 570 pp.
- HAYNES, G. 1982. Utilization and skeletal disturbances of North American prey carcasses. *Arctic* 35:266-281.
- HEIZER, R.F., and M.A. BAUMHOFF. 1961. The archaeology of Wagon Jack Shelter. *Univ. Calif. Anthropol. Records* 20(4):119-138.
- HEIZER, R.F., M.A. BAUMHOFF, and C.W. CLEWLOW, Jr. 1968. Archaeology of South Fork Shelter (NV-EL-11), Elko County, Nevada. *Univ. of Calif. Archaeol. Survey Rep.* 71:1-58.
- HEMMER, D. 1975. Serviceberry: ecology, distribution, and relationships to big game. Montana Fish and Game Dept., Helena. Job. Completion Rep. Project W-120-R-5 and 6. 76 pp.
- HENDERSON, A.B. 1867. A narrative of a prospecting trip in the summer of 1867. Typed report on file, Yellowstone National Park Library, Mammoth, WY. pp. 38-47.
- HENDERSON, A.B. 1870. Narrative of a prospecting expedition to the East Fork and Clark's Fork of Yellowstone ... 1870. Typed report on file, Yellowstone National Park Library, Mammoth, WY. pp. 48-58.
- HENRICKSON L.S. 1988. Archaeological excavations at Smith Gulch, 1987. Idaho State Univ. Swan/Crabtree Anthropol. Res. Lab. Rep. of Investigations 87-17. 62 pp.
- HENRY, C. 1982. Appendix II: faunal analysis. Pages II-1 to II-30 in T.E. Roll, and M.B. Smith, eds. Libby additional units and reregulation dam cultural resources project 1979: Descriptive archaeology. Dep. of Sociology, Montana State Univ., Bozeman.
- HERBORT, D.P., and G. MUNSON. 1984. Archeological investigations at the Ellison's Rock site. *Archaeol. in Montana* 25:65-122.
- HERRERA, C.M. 1984. Seed dispersal and fitness determinants in wild rose: combined effects of hawthorn, birds, mice and browsing ungulates. *Oecologia* 63:386-393.
- HIBBERT, A.R. 1979. Managing vegetation to increase flow in the Colorado River Basin. U.S. For. Ser. Gen. Tech. Rep. RM-66. 27 pp.
- HILL, K. 1988. Macronutrient modifications of optimal foraging theory: an approach using indifference curves applied to some modern foragers. *Human Ecol.* 12:145-180.
- HILL, K., H. KAPLAN, K. HAWKES, and A.M. HURTADO. 1984. Seasonal variance in the diet of Ache hunter-gatherers in eastern Paraguay. *Human Ecology* 12:145-180.

- HILL, K., H. KAPLAN, K. HAWKES, and A.M. HURTADO. 1987. Foraging decisions among Ache hunter-gatherers: new data and implications for optimal foraging models. *Ethnol. and Sociobiol.* 8:1-36.
- HILL, K., and K. HAWKES. 1983. Neotropical hunting among the Ache of eastern Paraguay. Pages 139-188 in R. Hames, and W. Vickers, eds. *Adaptive responses of native Amazonians.* Academic Press, NY. 516 pp.
- HINDS, T.E. 1985. Diseases. Pages 87-106 in N.V. DeByle, and R.P. Winokur, eds. *Aspen: ecology and management in the western United States.* U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- HOBBS, R.J. 1985. Harvester ant foraging and plant species distribution in annual grassland. *Oecologia* 67:519-523.
- HOEFER, T. 1986. Archaeological data recovery at site 48SW 1242: La Barge natural gas project. *Archaeol. Services Western Wyoming College Cultural Resource Manage. Rep.* 21.
- HOFFMAN, G.R., and R.R. ALEXANDER. 1976. Forest vegetation of the Bighorn Mountains, Wyoming: a habitat type classification. U.S. For. Ser. Res. Paper RM-170. 39 pp.
- HOFFMAN, G.R., and R.A. ALEXANDER. 1980. Forest vegetation of the Routt National Forest in northwestern Colorado: a habitat type classification. U.S. For. Ser. Res. Paper RM-221. 42 pp.
- HOFFMAN, G.R., and R.E. ALEXANDER. 1983. Forest vegetation of the White River National Forest in western Colorado: a habitat type classification. U.S. For. Ser. Res. Paper RM-249. 38 pp.
- HOFFMAN, G.R., and R.R. ALEXANDER. 1987. Forest vegetation of the Black Hills National Forest of South Dakota and Wyoming: a habitat type classification. U.S. For. Ser. Res. Paper RM-276. 48 pp.
- HOFFMAN, J.J. 1961. A preliminary archaeological survey of Yellowstone National Park. M.A. Thesis. Univ. of Montana, Missoula. 109 pp.
- HOLMER, R. ed. 1986. Shoshone-Bannock culture history. Idaho State Univ. Swanson/Crabtree Anthropol. Res. Lab. Rep. of Investigations 85-16. 358 pp.
- HOLMER, R.N., and J.W. ROSS. 1985. Excavations at Corn Creek. Idaho State Univ. Swanson/Crabtree Anthropol. Res. Lab. Rep. No. 84-8. Draft. 100 pp.
- HORNOCKER, M.G. 1970. An analysis of mountain lion predation upon mule deer and elk in the Idaho Primitive area. *Wildl. Monogr.* 21. 39 pp.
- HORTON, D.R. 1984. Minimum numbers: a consideration. *J. Archaeol. Sci.* 11:255-271.
- HOUSTON, D.B. 1968. The Shiras moose in Jackson Hole, Wyoming. *Grand Teton Natural Hist. Ass. Tech. Bull.* 1. 110 pp.
- HOUSTON, D.B. 1971. Ecosystems of national parks. *Science* 172:648-651.

- HOUSTON, D.B. 1973. Wild fires in northern Yellowstone National Park. *Ecology* 54:1111-1117.
- HOUSTON, D.B. 1974. The northern Yellowstone elk--parts I and II: history and demography. Yellowstone National Park, WY. April. 185 pp.
- HOUSTON, D.B. 1975a. A comment on the history of the northern Yellowstone elk. *Biosci.* 25:578-579.
- HOUSTON, D.B. 1975b. Letter to Bill Schneider, editor *Montana Outdoors*. July 15. Yellowstone National Park. 1 p.
- HOUSTON, D.B. 1976a. Research on ungulates in northern Yellowstone National Park. Pages 11-27 in *Research in the parks. Transactions of the National Park Centennial Symposium*. December 1971. National Park Symposium Series No. 1. 641 pp.
- HOUSTON, D.B. 1976b. The northern Yellowstone elk--parts III and IV: vegetation and habitat relations. Yellowstone National Park, WY. May. 444 pp.
- HOUSTON, D.B. 1979. The northern Yellowstone elk-winter distribution and management. Pages 263-272 in M.S. Boyce, and L.D. Hayden-Wing, eds. *North American elk: ecology, behavior and management*. Univ. of Wyoming, Laramie. 294 pp.
- HOUSTON, D.B. 1982. *The northern Yellowstone elk: ecology and management*. MacMillan Pub., NY. 474 pp.
- HUGHES, S.S. 1977. The Whit Creek site: a case for a research design. *Wyoming Archaeol.* 20(1-2):11-13.
- HULTKRANTZ, A. 1961. The Shoshones in the Rocky Mountain area. *Annals of Wyoming* 33:19-41.
- HULTKRANTZ, A. 1970. The source literature on the Tukudika Indians in Wyoming: facts and fancies. Pages 246-264 in E.H. Swanson, ed. *Languages and cultures of western North America*. Idaho State Univ. Press, Pocatello. 310 pp.
- HULTKRANTZ, A. 1974. The Indians in Yellowstone Park. Pages 215-256 in D.A. Horr, ed. *Shoshone Indians*. Garland Pub., NY. 320 pp.
- HULTKRANTZ, A. 1979. The fear of geysers among Indians of the Yellowstone Park area. Pages 33-42 in L.B. Davis, ed. *Lifeways of intermontane and plains Montana Indians*. Occ. Paper. Mus. of the Rockies 1:1-158.
- HUNN, E.S., and D.H. FRENCH. 1981. Lomatium: a key resource for Columbia Plateau nature subsistence. *Northwest Sci.* 55:87-94.
- HUPPE, K., and E. HOWARD. 1988. Cultural resource inventory: Emigrant-Gardiner 69kV Transmission line. Report to Montana Dep. Fish, Wildlife and Parks by the Montana Power Co., Butte, MT. 63 pp.
- HURLBERT, S.H. 1984. Pseudo-replication and the design of ecological field experiments. *Ecol. Monogr.* 54:187-211.
- HUSTED, W.H. 1969. Bighorn Canyon archeology. *Smithsonian River Basin Surveys*. Pub. in *Salvage Archaeol.* 12. 138 pp.

- HUTCHINGS, H.E., and R.M. LANNER. 1982. The central role of Clark's nutcracker in the dispersal and establishment of whitebark pine. *Oecologia* 55:192-201.
- INOUYE, R.S., G.S. BYERS, and J.H. BROWN. 1980. Effects of predation and competition on survivorship, fecundity, and community structure of desert annuals. *Ecology* 61:1344-1351.
- IRWIN, A.M., and U. MOODY. 1978. The Lind Coulee Site (45GR97). Washington State Univ. Washington Archaeol. Res. Center Proj. Rep. No. 56. 367 pp.
- JAEHNIG, M.E.W. ed. 1984. Archaeological investigations at site 45-DO-273, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 143 pp.
- JAEHNIG, M.E.W. ed. 1985. Archaeological investigations at site 45-OK-258, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 212 pp.
- JAMES, S.R., and J. PECOTTE. 1983. Archeofauna from Aspen Shelter, Sevier County, Utah. *Tebiwa Misc. Papers* 20:35-42.
- JAMESON, D.A. 1963. Responses of individual plants to harvesting. *Bot. Rev.* 29:532-594.
- JANETSKI, J.C. 1986. The Great Basin lacustrine subsistence pattern. *Univ. Utah Anthropol. Papers* 110:145-167.
- JANETSKI, J.C. 1987. Indians of Yellowstone Park. Bonneville Book, Univ. of Utah Press, Salt Lake City. 90 pp.
- JANKE, R.A. 1976. Moose-boreal forest ecology in Isle Royale National Park. *N. Amer. Moose Conf. and Workshop.* 12:70-90.
- JANZEN, D.H. 1970. Herbivores and the number of tree species in tropical forests. *Amer. Natur.* 104:501-528.
- JANZEN, D.H. 1971. Seed predation by animals. *Ann. Rev. Ecology and Systematics* 2:465-492.
- JANZEN, D.H. 1975. Intra- and interhabitat variations in Guazuma ulmifolia (Sterculiaceae) seed predation by Amblyceruscis-telinus (Bruchidae) in Costa Rica. *Ecology* 56:1009-1013.
- JEFFERY, D. 1989. Yellowstone: the great fires of 1988. *Nat. Geogr.* 175(2):255-273.
- JENKINS, K.J., and R.G. WRIGHT. 1988. Resource partitioning and competition among cervids in the northern Rocky Mountains. *J. Appl. Ecology* 25:11-24.
- JENNINGS, J.D. 1980. Cowboy Cave. *Univ. Utah. Anthropol. Papers.* 104. 223 pp.
- JENNINGS, J.D., A.R. SCHROEDL, and R.N. HOLMER. 1980. Sudden Shelter. *Univ. Utah Anthropol. Papers* 103. 293 pp.
- JENNINGS, J.D., and D. SAMMENS-LOHSE. 1981. Bull Creek. *Univ. Utah Anthropol. Papers* 105. 150 pp.

- JENSEN, T.S. 1982. Seed production and outbreaks of non-cyclic rodent populations in deciduous forests. *Oecologia* 54:184-192.
- JOCHIM, M.A. 1976. Hunter-gatherers subsistence and settlement: a predictive model. Academic Press, NY. 206 pp.
- JOCHIM, M.A. 1981. Strategies for survival. Academic Press, NY. 233 pp.
- JOCHIM, M.A. 1988. Optimal foraging and the division of labor. *Amer. Anthropol.* 90:130-136.
- JOGIA, M.K., A.R.E. SINCLAIR, and R.J. ANDERSEN. 1989. An antifeedant in balsam poplar inhibits browsing by snowshoe hares. *Oecologia* 79:198-192.
- JOHNSON, A., and M. BAKSH. 1987. Ecological and structural influences on the proportions of wild foods in the diets of two Machiguena communities. Pages 387-405 in M. Harris, and E.B. Ross, eds. *Food and evolution: toward a theory of human food habits*. Temple Univ. Press, Philadelphia, PA. 633 pp.
- JOHNSTON, R.S., R.K. TEW, and R.D. DOTY. 1969. Soil moisture depletion and estimated evapotranspiration on Utah mountain watersheds. *U.S. For. Ser. Res. Paper INT-67*. 13 pp.
- JONAS, R.J. 1955. A population and ecological study of the beaver (*Castor canadensis*) in Yellowstone National Park. M.S. Thesis. Univ. of Idaho, Moscow. 193 pp.
- JONAS, R.J. 1956. Northern Yellowstone's changing water conditions and their effect upon beaver. *Yellowstone Nature Notes* 30(1):6-9.
- JONAS, R.J. 1959. Beaver. *Naturalist* 10(2):60-61.
- JONES, J.R., and G.A. SCHIER. 1985. Growth. Pages 119-24 in N.V. DeByle, and R.P. Winokur, eds. *Aspen: ecology and management in the western United States*. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- JONES, J.R., and N.V. DEBYLE. 1985a. Genetics and variation. Pages 35-39 in N.V. DeByle, and R.P. Winokur, eds. *Aspen: ecology and management in the western United States*. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- JONES, J.R., and N.V. DEBYLE. 1985b. Morphology. Pages 11-18 in N.V. DeByle, and R.P. Winokur, eds. *Aspen: ecology and management in the western United States*. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- JONES, J.R., and N.V. DEBYLE. 1985c. Fire. Pages 77-81 in N.V. DeByle, and R.P. Winokur, eds. *Aspen: ecology and management in the western United States*. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- JONES, K.T., and D.B. MADSEN. 1989. Calculating the cost of resource transportation: a Great Basin example. *Curr. Anthropol.* 30:529-534.
- JONES, K.T., and D. METCALFE. 1988. Bare bones archaeology: bone marrow indices and efficiency. *J. Archaeol. Sci.* 15:415-423.

- JONES, W.A. 1875. Report upon the reconnaissance of northwest Wyoming including Yellowstone National Park made in the summer of 1873. War Dep., U.S. Government Printing Office. 331 pp.
- JULANDER, O. 1937. Utilization of browse by wildlife. Trans. N. Amer. Wildl. Conf. 2:276-287.
- KAPLAN, H., and K. HILL. 1985a. Food sharing among Ache foragers: tests of explanatory hypotheses. Curr. Anthropol. 26:223-246.
- KAPLAN, H., and K. HILL. 1985b. Hunting ability and reproductive success among male Ache foragers: preliminary results. Curr. Anthropol. 26:131-133.
- KATSMAN, D.E., and D.H. RUSCH. 1980. Effect of simulated deer browsing on branches of apple trees. J. Wildl. Manage. 44:603-612.
- KAY, C.E. 1985. Aspen reproduction in the Yellowstone Park-Jackson Hole area and its relationship to the natural regulation of ungulates. Pages 131-160 in G.W. Workman, ed. Western elk management: a symposium. Utah State Univ., Logan. 213 pp.
- KAY, C.E. 1987. Too many elk in Yellowstone? West. Wildlands 13(3):39-41, 44.
- KAY, C.E. 1989. Why Yellowstone's grizzly bears are declining: an alternative hypothesis. Paper presented at, Examining the Greater Yellowstone Ecosystem: a symposium on land and resource management. Held at Univ. of Wyoming, Laramie on April 13-15. 66 pp.
- KAY, C.E. 1990. Occurrence of aspen seedlings in recently burned areas in Grand Teton and Yellowstone National Parks. (Submitted).
- KEATING, K.A. 1982. Population ecology of Rocky Mountain bighorn sheep in the upper Yellowstone River drainage, Montana/Wyoming. M.S. Thesis. Montana State Univ., Bozeman. 79 pp.
- KEATING, K.A. 1985. The effects of temperature on bighorn population estimates in Yellowstone National Park. Int. J. Biometeor. 29:47-55.
- KEENE, A.S. 1981. Optimal foraging in a nonmarginal environment: a model of prehistoric subsistence strategies in Michigan. Pages 171-193 in B. Winterhalder, and E.A. Smith, eds. Hunter-gatherer foraging strategies. Univ. Chicago Press, Chicago, IL. 273 pp.
- KEHOE, T.F. 1967. The Boarding School Bison Drive site. Plains Anthropol. 12(Memoir 4):1-113.
- KENASTON, M.R. 1966. The archaeology of the Harder site Franklin County, Washington. M.A. Thesis. Washington State Univ., Pullman. 138 pp.
- KENDALL, K.C. 1986. Grizzly and black bear feeding ecology in Glacier National Park, Montana. National Park Service Progress Rep., Glacier National Park, West Glacier, MT. 42 pp.
- KENDALL, M. 1980. Multivariate analysis. MacMillian Pub. Co., NY. 210 pp.

- KENT, S. 1981. The dog: an archaeologist's best friend or worst enemy--the spatial distribution of faunal remains. *J. Field Archaeol.* 8:367-372.
- KESSELHEIM, A.S. 1983. The great antler grab. *Montana Magazine* No. 60:53-55.
- KEYSER, J.D. 1974. The LaMarche game trap: an early historic game trap in southwestern Montana. *Plains Anthropol.* 19:173-179.
- KINDSCHY, R.R. 1989. Regrowth of willow following simulated beaver cutting. *Wildl. Soc. Bull.* 17:290-294.
- KITTAMS, W.H. 1948. Northern winter range studies, summer 1947 - spring 1948, Yellowstone National Park. Unpub. Rep. Yellowstone Nat. Park, Mammoth, WY. Dec. 17. 82 pp.
- KITTAMS, W.H. 1949. Northern winter range studies, spring 1948 - spring 1949, Yellowstone National Park. Unpub. Rep. Yellowstone Nat. Park, Mammoth, WY. Nov. 25. 38 pp. + photographs.
- KITTAMS, W.H. 1950. Northern winter range studies, spring 1949 - spring 1950, Yellowstone National Park. Unpub. Rep. Yellowstone Nat. Park, Mammoth, WY. Dec. 21. 29 pp. + photographs.
- KITTAMS, W.H. 1952a. Northern winter range studies, spring 1950 - spring 1951, Yellowstone National Park. Unpub. Rep. Yellowstone Nat. Park, Mammoth, WY. Feb. 1. 27 pp. + photographs.
- KITTAMS, W.H. 1952b. Northern winter range studies, spring 1951 - spring 1952, Yellowstone National Park. Unpub. Rep. Yellowstone Nat. Park, Mammoth, WY. Aug. 21. 24 pp. + photographs.
- KITTAMS, W.H. 1959. Future of the Yellowstone wapiti. *Naturalist* 19(2):30-39.
- KJELLSSON, G. 1985. Seed fate in a population of *Carex pilulifera* L. II. Seed predation and its consequences for dispersal and seed bank. *Oecologia* 67:424-429.
- KLEIN, D.R. 1965. Ecology of deer range in Alaska. *Ecol. Monogr.* 35:259-284.
- KLEIN, R.G., and K. CRUZ-URIBE. 1984. The analysis of animal bones from archaeological sites. Univ. Chicago Press, Chicago, IL. 266 pp.
- KNIGHT, D.H., and L.L. WALLACE. 1989. The Yellowstone fires: issues in landscape ecology. *Biosci.* 39:700-706.
- KNIGHT, R.R., and L.L. EBERHARDT. 1984. Projected future abundance of the Yellowstone grizzly bear. *J. Wildl. Manage.* 48:1434-1438.
- KNIGHT, R.R., and L.L. EBERHARDT. 1985. Population dynamics of Yellowstone grizzly bears. *Ecology* 66:323-334.
- KNIGHT, R.R., and L.L. EBERHARDT. 1987. Prospects for Yellowstone grizzly bears. *Int. Conf. Bear Res. and Manage.* 7:45-50.
- KNOPF, F.L., J.A. SEDGWICK, and R.W. CANNON. 1988. Guild structure of a riparian avifauna relative to seasonal cattle grazing. *J. Wildl. Manage.* 52:280-290.

- KOCH, E. 1941. Big game in Montana from early historical records. *J. Wildl. Manage.* 5:357-370.
- KREBILL, R.G. 1972. Mortality of aspen on the Gros Ventre elk winter range. *U.S. For. Ser. Res. Paper INT-129.* 16 pp.
- KREFTING, L.W., M.H. STENLUND, and R.K. SEEMEL. 1966. Effect of simulated and natural browsing on mountain maple. *J. Wildl. Manage.* 30:481-488.
- KROEBER, T. 1961. *Ishi in two worlds.* Univ. of California Press, Berkeley. 255 pp.
- KROLL, J.C., W.D. GOODRUM, and P.J. BEHRMAN. 1986. Twenty-seven years of over-browsing: Implications to white-tailed deer management on wilderness areas. Pages 294-303 in D.L. Kulhavy, and R.N. Conner, eds. *Wilderness and natural areas in the eastern United States: A management challenge.* Center for Applied Sciences, School of Forestry, Stephen F. Austin Univ., Nacogdoches, TX. 421 pp.
- KRUGMAN, S.L., W.I. STEIN, and D.M. SCHMITT. 1974. Seed biology. in *Seeds of woody plants of the United States.* U.S. Dep. Agr. Handbook No. 450: Chapt. 1.
- KUCH, L., G.L. HOMPLAND, and E.H. MERRILL. 1985. Elk calf response to simulated mine disturbance in southeast Idaho. *J. Wildl. Manage.* 49:751-757.
- KUFELD, R.C. 1973. Food eaten by the Rocky Mountain elk. *J. Range Manage.* 26:106-113.
- KURTEN, B., and E. ANDERSON. 1972. The sediments and fauna of Jaguar Cave. II. The fauna. *Tebiwa* 15:21-39.
- LAHREN, L.A. 1971. Archaeological investigations in the upper Yellowstone Valley, Montana: a preliminary synthesis and discussion. Pages 168-182 in A.H. Stryd, and R.A. Smith, eds. *Aboriginal men and environments on the plateau of northwest America.* Students Press, Univ. of Calgary, Calgary. 261 pp.
- LAHREN, L.A. 1973. Archaeological salvage excavations at a prehistoric Indian campsite (24YE344) in Yellowstone National Park. Report on file, Yellowstone National Park, Wyoming. Contract No. PX-6860-3-1619. 28 pp.
- LAHREN, L.A. 1976. *The Myers-Hindman site: an exploratory study of human occupation patterns in the upper Yellowstone Valley from 7000 BC to AD 1200.* Anthropologos Researches International, Livingston, MT. 195 pp.
- LANGFORD, N.P. 1972. *The discovery of Yellowstone Park.* Univ. of Nebraska Press, Lincoln. 125 pp.
- LANNER, R.M., and S.B. VANDERWALL. 1980. Dispersal of timber pine seed by Clark's nutcracker. *J. For.* 78:637-639.
- LATADY, W.R. 1978. Evidence for seasonal occupation from Little Canyon Creek Cave. *Wyoming Contrib. Anthropol.* 1:48-51.
- LAUBIN, R., and G. LAUBIN. 1980. *American Indian archery.* Univ. of Oklahoma Press, Norman. 179 pp.

- LAUGHLIN, W.S. 1968. Hunting: an integrating biobehavior system and its evolutionary importance. Pages 304-320 in R.B. Lee, and I. DeVore, eds. *Man the hunter*. Aldine Pub. Co., Chicago, IL. 415 pp.
- LAY, D.W. 1965. Effects of periodic clipping on yield of some common browse species. *J. Range Manage.* 18:181-184.
- LAYCOCK, W.A. 1975. Rangeland reference areas. Society of Range Management, *Range Sci. Ser. No. 3.* 34 pp.
- LAYTON, T.N., and D.H. THOMAS. 1979. The archaeology of Silent Snake springs, Humboldt County, Nevada. *Anthropol. Papers Amer. Mus. Natur. Hist.* 55:251-269.
- LEE, R.B. 1968. What hunters do for a living, or how to make out on scarce resources. Pages 30-48 in R.B. Lee, and I. DeVore, eds. *Man the hunter*. Aldine Pub. Co., Chicago, IL. 415 pp.
- LEE, R.B. 1979. *The !Kung San: men, women, and work in a foraging society*. Cambridge Univ. Press, Cambridge, MA. 520 pp.
- LEE, R.B. 1984. *The Dobe !Kung*. Holt, Rinehart and Winston, NY. 176 pp.
- LEE, R.B., and I. DeVore. 1968. *Man the hunter*. Aldine Pub. Co, Chicago, IL. 415 pp.
- LEEGE, T.A. 1984. Guidelines for evaluating and managing summer elk habitat in northern Idaho. *Idaho Dep. Fish and Game Wildl. Bull.* 11:1-37.
- LEMKE, T. 1989. Winter kill. *Montana Outdoors* 20(6):2-6.
- LEMKE, T., and F.J. SINGER. 1989. Northern Yellowstone elk: the big herd. *Bugle* 6(4):113-121.
- LEONHARDY, F. 1985. Archaeological research in the Big Creek Ranger District, Payette National Forest, Idaho. Unpub. Rep., Dep. of Anthropology, Univ. of Idaho, Moscow. 64 pp.
- LEOPOLD, A.S., S.A. CAIN, C.M. COTTAM, I.N. GABRIELSON, and T.L. KIMBALL. 1963. Wildlife management in the national parks. *Amer. For.* 69(4):32-35, 61-63.
- LEWIS, H.T. 1973. Patterns of Indian burning in California: ecology and ethno-history. *Anthropological Papers 1.* Ballena Press, Ramona, CA. 101 pp.
- LEWIS, H.T. 1977. Maskuta: the ecology of Indian fires in northern Alberta. *West. Can. J. of Anthropol.* 7:15-52.
- LEWIS, H.T. 1980. Indian fires of spring. *Natural Hist.* 89(1):76-83.
- LEWIS, H.T. 1982a. Fire technology and resource management in aboriginal North America and Australia. Pages 46-67 in N.M. Williams, and E.S. Hunn, eds. *Resource managers: North American and Australian hunter-gatherers*. AAAS Selected Symposium No. 67. 267 pp.
- LEWIS, H.T. 1982b. A time for burning. Univ. of Alberta, Edmonton. *Boreal Inst. for Northern Studies Occ. Pub. No. 17.* 23 pp.

- LEWIS, H.T., and T.A. FERGUSON. 1988. Yards, corridors and mosaics: how to burn a boreal forest. *Human Ecology* 16:57-77.
- LEWIS, M., and W. CLARK. 1893. The history of the Lewis and Clark expedition. Edited by E. Coues originally published by Francis P. Harper, NY. Republished in 1964 by Dover Publications, NY. Vol. I:1-352, Vol. II:353-820, Vol. III:821-1364.
- LIEBERMAN, L.S. 1987. Biocultural consequences of animals versus plants as sources of fats, proteins, and other nutrients. Pages 225-258 in M. Harris, and E.B. Ross, eds. *Food and evolution: toward a theory of human food habits*. Temple Univ. Press, Philadelphia, PA. 633 pp.
- LINDSAY, L.W. Jr., and A.R. KEITH. 1986. Faunal remains and artifacts from Bandon, Oregon, site 35-CS-43C. *Northwest Anthropol. Res. Notes* 20:149-161.
- LINTON-VOGEL, B., and R.L. HALL. 1986. A Bandon perspective on site 35-CS-43C. *Northwest Anthropol. Res. Notes* 20:141-148.
- LIVINGSTON, S.D. 1987. Prehistoric biogeography of white-tailed deer in Washington and Oregon. *J. Wildl. Manage.* 51:649-654.
- LOFT, E.R., J.W. MENKE, J.G. KIE, and R.C. BERTRAM. 1987. Influence of cattle stocking rate on the structural profile of deer hiding cover. *J. Wildl. Manage.* 51:655-664.
- LOHSE, E.S. ed. 1984a. Archaeological investigations at site 45-DO-326, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 157 pp.
- LOHSE, E.S. ed. 1984b. Archaeological investigations at site 45-DO-282, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 124 pp.
- LOHSE, E.S. ed. 1984c. Archaeological investigations at site 45-OK-11, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 351 pp.
- LOHSE, E.S. ed. 1984d. Archaeological investigations at site 45-DO-211, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 167 pp.
- LOOPE, L.L., and G.E. GRUPELL. 1973. The ecological role of fire in the Jackson Hole area, northwestern Wyoming. *Quaternary Res.* 3:425-443.
- LOTHSON, G. ed. with T.E. SMITH, and D.M. JOHNSON. 1982. Final report of phase II and phase III archaeological testing of the Rock Island Reservoir, Wenatchee, Washington. Washington State Univ. Laboratory of Archaeology and History. Project Rep. 13. 226 pp.
- LOUDA, S.M. 1983. Seed predation and seedling mortality in the recruitment of a shrub. *Haplopappus venetus* (Asteraceae), along a climatic gradient. *Ecology* 64:511-521.
- LOVAAS, A.L. 1970. People and the Gallatin elk herd. Montana Fish and Game Dep., Helena. 44 pp.

- LOVE, C.M. 1972. An archaeological survey of the Jackson Hole region, Wyoming. M.A. Thesis. University of Wyoming, Laramie. Published in Wyoming Archaeol. 18(1):1-54 and 18(2):54-95.
- LUDLOW, W. 1876. Report of a reconnaissance from Carrol, Montana Territory on the upper Missouri, to the Yellowstone National Park and return, made in 1875. War Dep., Washington, D.C. Government Printing Office. 155 pp.
- LYMAN, R.L. 1976. A cultural analysis of faunal remains from the Alpowa locality. M.A. Thesis. Washington State Univ., Pullman. 204 pp.
- LYMAN, R.L. 1982a. Archaeofaunas and subsistence studies. Advances in Archaeol. Method and Theory 5:331-343.
- LYMAN, R.L. 1982b. The taphonomy of vertebrate archaeofaunas: bone density and differential survivorship of fossil classes. Ph.D. Diss. Univ. of Washington, Seattle. 303 pp.
- LYMAN, R.L. 1984. Bone density and differential survivorship of fossil classes. J. Anthropol. Archaeol. 3:259-299.
- LYMAN, R.L. 1985. Bone frequencies: differential transport, in situ destruction, and the MGUI. J. Archaeol. Sci. 12:221-236.
- LYMAN, R.L. 1987a. Archaeofaunas and butchery studies: a taphonomic perspective. Advances in Archaeol. Method and Theory 10:249-337.
- LYMAN, R.L. 1987b. Zooarchaeology and taphonomy: a general consideration. J. Ethnobiol. 7:93-117.
- LYMAN, R.L. 1989. Seal and sea lion hunting: a zooarchaeological study from the southern northwest coast of North America. J. Anthropol. Archaeol. 8:68-99.
- LYMAN, R.L., and G.L. FOX. 1989. A critical evaluation of bone weathering data as an indication of bone assemblage formation. J. Archaeol. Sci. 16:293-317.
- LYMAN, R.L., and S.D. LIVINGSTON. 1983. Late Quaternary mammalian zoogeography of eastern Washington. Quaternary Res. 20:360-373.
- LYON, L.J. 1979a. Habitat effectiveness for elk as influenced by roads and cover. J. For. 77:658-660.
- LYON, L.J. 1979b. Influences of logging and weather on elk distribution in western Montana. U.S. For. Ser. Res. Paper INT-236. 11 pp.
- LYON, L.J. 1980. Coordinating forestry and elk management. Trans. N. Amer. Wildl. and Natur. Res. Conf. 45:278-286.
- LYON, L.J. 1983. Road density models describing habitat effectiveness for elk. J. For. 81:592-595.
- LYON, L.J. 1984a. Field tests of elk/timber coordination guidelines. U.S. For. Ser. Res. Paper INT-325. 10 pp.
- LYON, L.J. 1984b. Road effects and impacts on wildlife and fisheries. Paper presented at Forest Transportation Symposium, Dec. 11-13, Casper, WY. 21 pp.

- LYON, L.J., T.N. LONNER, J.P. WEIGAND, C.L. MARCUM, W.D. EDGE, J.D. JONES, D.W. MCCLEEREY, and L.L. HICKS. 1985. Coordinating elk and timber management. Final report of the Montana cooperative elk-logging study, 1970-1985. Montana Dep. Fish, Wildlife, and Parks, Helena. 53 pp.
- LYON, P.J. 1970. Differential bone destruction: an ethnographic example. *Amer. Antiq.* 35:213-215.
- MCCABE, R.E. 1982. Elk and Indians: historical values and perspective. Pages 61-123 in *Elk of North America: ecology and management.* J.W. Thomas, and D.E. Towell, eds. Wildlife Management Institute and Stackpole Books, Harrisburg, PA. 698 pp.
- MCCABE, R.E., and T.R. MCCABE. 1984. Of slings and arrows: a historical retrospection. Pages 19-72 in L.K. Halls, ed. *White-tailed deer: ecology and management.* Wildlife Management Institute and Stackpole Books, Harrisburg, PA. 870 pp.
- MCCORQUODALE, S.M. 1985. Archaeological evidence of elk in the Columbia Basin. *Northwest Sci.* 59:192-197.
- MCCORQUODALE, S.M. 1987a. The desert elk of Washington. *Bugle* 4(2):30-31.
- MCCORQUODALE, S.M. 1987b. Fall-winter habitat use by elk in the shrub-steppe of Washington. *Northwest Sci.* 61:171-173.
- MCCORQUODALE, S.M., K.J. RAEDEKE, and R.D. TABER. 1986. Elk habitat use patterns in the shrub-steppe of Washington. *J. Wildl. Manage.* 50:664-669.
- MCCORQUODALE, S.M., K.J. RAEDEKE, and R.D. TABER. 1989a. Home ranges of elk in an arid environment. *Northwest Sci.* 63:29-34.
- MCCORQUODALE, S.M., L.E. EBERHARDT, and G.A. SARGEANT. 1989b. Antler characteristics in a colonizing elk population. *J. Wildl. Manage.* 53:618-621.
- MCCORQUODALE, S.M., L.L. EBERHARDT, and L.E. EBERHARDT. 1988. Dynamics of a colonizing elk population. *J. Wildl. Manage.* 52:309-313.
- MCCRACKEN, H., W.R. WEDEL, R. EDGAR, J.H. MOSS, H.E. WRIGHT, W.M. HUSTED, and W. MULLOY. 1978. The Mummy Cave project in northwestern Wyoming. Buffalo Bill Historical Center, Cody, WY. 321 pp.
- MCDONOUGH, W.T. 1979. Quaking aspen seed germination and early seedling growth. U.S. For. Ser. Res. Paper INT-234. 13 pp.
- MCDONOUGH, W.T. 1985. Sexual reproduction, seeds and seedlings. Pages 25-28 in N.V. DeByle, and R.P. Winokur, eds. *Aspen: ecology and management in the western United States.* U.S. For. Ser. Gen Tech. Rep. RM-119. 283 pp.
- MCHUGH, T. 1972. *The time of the buffalo.* Univ. of Nebraska Press, Lincoln. 339 pp.
- MCINTYRE, R.N. 1962. The threat of public sports hunting in Yellowstone and other national parks. Unpub. Rep. by Chief Park Naturalist, Yellowstone National Park, WY. April 10. 18 pp.

- MACK, J.M. 1983. Archaeological investigations in the Salt Cave locality: subsistence uniformity and cultural diversity on the Klamath River, Oregon. Univ. of Oregon Anthropol. Papers 29. 277 pp.
- MACKEY, J.D., D. KULLEN, S.D. CREASMAN, J.E. SILL, K. HARVEY, and C.L. ARMITAGE. 1982. Paleoenvironmental reconstruction and subsistence change at the Deadman Wash site in southwestern Wyoming. J. Intermountain Archaeol. 1:11-65.
- MCKIBBIN, K.D. BLACK, R.J. ROOD, M.A. VANNESS, and M.D. METCALF. 1988. Archaeological excavations at 48CA1391, Campbell County, Wyoming. Metcalf Archaeological Consultants, Inc. Eagle, CO. 99 pp.
- MACKIE, R.J. 1970. Range ecology and relations of mule deer, elk, and cattle in the Missouri River Breaks, Montana. Wildl. Monogr. 20. 79 pp.
- MACKIE, R.J. 1981. Interspecific relationships. Pages 487-507 in Wallmo, O.C. ed. Mule and black-tailed deer of North America. Univ. of Nebraska Press, Lincoln. 605 pp.
- MCMILLAN, J.F. 1950. Summer food habits of moose (Alces americana shirasi Nelson) and effects on various factors on food supply in Yellowstone Park. Ph.D. Diss. Univ. of Michigan, Ann Arbor. 170 pp.
- MCMILLAN, J.F. 1953. Some feeding habits of moose in Yellowstone National Park. Ecology 34:102-110.
- MACNAB, J. 1983. Wildlife management as scientific experimentation. Wildl. Soc. Bull. 11:397-401.
- MACNAB, J. 1985. Carrying capacity and related slippery shibboleths. Wildl. Soc. Bull. 13:403-410.
- MADANY, M.H., and N.E. WEST. 1983. Livestock grazing-fire regime interactions within montane forests of Zion National Park, Utah. Ecology 64:661-667.
- MADANY, M.H., and N.E. WEST. 1984. Vegetation of two relict mesas in Zion National Park. J. Range Manage. 37:456-461.
- MADSEN, D.B. 1983. Black Rock Cave revisited. Utah State Office Bureau of Land Manage. Cultural Resource Series 14:1-121.
- MADSEN, D.B. 1986. Great Basin nuts: a short treatise on the distribution, productivity and prehistoric use of pinyon. Univ. Utah Anthropol. Paper 110:21-41.
- MADSEN, D.B., and L.W. LINDSAY. 1977. Backhoe Village. Utah State Historical Society Antiquities Section Selected Papers 4(12):1-119.
- MARCEAR, T.E. 1980. Numerical taxonomy applied to a surface collection from the Sheepwater Bridge site (48YE320) Yellowstone National Park, Wyoming. Pages 334-361 in Proceedings of the second conference on scientific research in national parks. Vol. 1 U.S. Dep. Commerce, Nat. Tech. Info. Ser., Springfield, VA. 456 pp.

- MARCUSON, P.E. 1983. Overgrazed streambanks depress fishery production in Rock Creek, Montana. Pages 143-157 in J.W. Menke, ed. Proc. of the workshop on livestock and wildlife-fisheries relationships in the Great Basin. May 3-5, 1977. Univ. of Calif. Special Pub. 3301. 173 pp.
- MARES, M.A., and M.L. ROSENZWEIG. 1978. Granivory in North and South American deserts: rodents, birds, and ants. *Ecology* 59:235-241.
- MARTINKA, C.J. 1965. Population status, social habits, movements and habitat relationships of the summer resident elk of Jackson Hole, Wyoming. M.S. Thesis. Montana State Univ., Bozeman. 61 pp.
- MARTINKA, C.J. 1969. Population ecology of summer resident elk in Jackson Hole, Wyoming. *J. Wildl. Manage.* 33:465-481.
- MARWITT, J.P. 1968. Pharo Village. Univ. Utah Anthropol. Papers 91. 86 pp.
- MARWITT, J.P. 1970. Median Village and Fremont culture regional variation. Univ. Utah Anthropol. Papers 95. 185 pp.
- MARWITT, J.P. 1980. Fremont retrospective. Pages 9-33 in D.B. Madsen, ed. Fremont perspectives. Utah State Historical Society Antiquities Section Selected Paper 16. 83 pp.
- MARWITT, J.P., G.F. FRY, and J.M. ADOVASIO. 1971. Sandwich Shelter. Univ. of Oregon Anthropol. Papers 1:27-36.
- MASSLICH, W.J., J.D. BROTHERRSON, and R.G. CATES. 1988. Relationship of aspen (*Populus tremuloides*) to foraging patterns of beaver (*Castor canadensis*) in the Strawberry Valley of central Utah. *Great Basin Natur.* 48:250-262.
- MASTEN, R.A. 1988. A report on archaeological testing at Salishan Mesa (45GR445), Grant County, Washington. Eastern Washington Univ. Rep. in Archaeology and History 100-64. 116 pp.
- MAXIMILLIAN, PRINCE OF WEID. 1966. Travels in the Interior of North America, 1832-1834. In R.G. Thwaites, ed. Early western travels. Reprint of 1906 edition by AMS Press, NY. Vol. 22:1-393, Vol. 23:1-305, Vol. 24:1-346, Vol. 25:81 plates.
- MEAGHER, M.M. 1973. The bison of Yellowstone National Park. National Park Service Sci. Monogr. Ser. 1. 161 pp.
- MEAGHER, M. 1974. Yellowstone's bison a unique wild heritage. *National Parks and Conservation Magazine* 48(5):9-14.
- MEAGHER, M. 1976. Winter weather as a population-regulating influence on free ranging bison in Yellowstone National Park. Pages 29-38 in Research in the parks. Transactions of the National Park Centennial Symposium. December 1971. National Park Service Symposium Series No. 1. 641 pp.
- MEAGHER, M. 1985. Yellowstone's free-ranging bison. *Naturalist* 36(3):20-27.
- MEAGHER, M. 1989a. Range expansion by bison of Yellowstone National Park. *J. Mammal.* 70:670-675.

- MEAGHER, M. 1989b. Evaluation of boundary control for bison of Yellowstone National Park. *Wildl. Soc. Bull.* 17:15-19.
- MECH, L.D. 1984. Predators and predation. Pages 189-202 in L.K. Halls, ed. *White-tailed deer: ecology and management*. Wildlife Management Institute and Stackpole Books. Harrisburg, PA. 870 pp.
- MECH, L.D., L.D. FRENZEL, and P.D. KARNs. 1971. The effect of snow conditions on the vulnerability of white-tailed deer to wolf predation. *U.S. For. Ser. Res. Paper NC-52:51-59*.
- MECH, L.D., and M.E. NELSON. 1990. Evidence of prey-caused mortality in 3 wolves. *Amer. Midl. Natur.* 123:207-208.
- MEDIN, D.E., and W.P. CLARY. 1989. Small mammal populations in a grazed and ungrazed riparian habitat in Nevada. *U.S. For. Ser. Res. Paper INT-413*. 6 pp.
- MEEHAN, W.R., and W.S. PLATTS. 1978. Livestock grazing and the aquatic environment. *J. Soil and Water Conserv.* 33:274-278.
- MERRILL, E.H., M.S. BOYCE, R.W. MARRS, and M.K. BRAMBLE-BRODAHL. 1988. Grassland phytomass, climatic variation and ungulate population dynamics in Yellowstone National Park. Final contract report to Yellowstone National Park, WY. 73 pp.
- METCALFE, D., and K.T. JONES. 1988. A reconsideration of animal body-part utility indices. *Amer. Antiq.* 53:486-504.
- MILLER, S.J. 1972. Weston Canyon Rockshelter: big-game hunting in southeastern Idaho. M.A. Thesis. Idaho State Univ., Pocatello. 150 pp.
- MILLER, S.J. 1980. The archaeology and geology of an extinct megafauna/fluted-point association at Owl Cave, the Warden site, Idaho: a preliminary report. Pages 81-95 in J.E. Ericson, R.E. Taylor, and R. Berger, eds. *Peopling of the new world*. Ballena Press Anthropol. Papers 23. 357 pp.
- MILNER, B.J. 1977. Vegetation analysis of ungulate range exclosures, Elk Island National Park. Canadian Wildlife Service. Edmonton, Alberta. 95 pp.
- MINOR, R., and K.A. TOEPEL. 1984. Lava Island Rockshelter: an early hunting camp in central Oregon. *Occ. Papers Idaho Mus. Natur. Hist.* 34:1-52.
- MINOR, R., K.A. TOEPEL, and S.D. BECKHAM. 1986. An overview of investigations at 45Sall: archaeology in the Columbia River Gorge. U.S. Army Corps of Engineers, Portland, OR. 253 pp.
- MIQUELLE, D.G., and V. VAN BALLEMBERGHE. 1989. Impact of bark stripping by moose on aspen-spruce communities. *J. Wildl. Manage.* 53:577-586.
- MISS, C.J. ed. 1984a. Archaeological investigations at sites 45-OK-250 and 45-OK-4, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 329 pp.
- MISS, C.J. ed. 1984b. Archaeological investigations at sites 45-OK-287 and 45-OK-288, Chief Joseph Dam project, Washington. Office of Public Archaeology. Univ. of Washington, Seattle. 216 pp.

- MISS, C.J. ed. 1984c. Archaeological investigations at sites 45-DO-285, Chief Joseph Dam project, Washington. Office of Public Archaeology, Univ. of Washington, Seattle. 163 pp.
- MISS, C.J. ed. 1984d. Archaeological investigations at sites 45-DO-214, Chief Joseph Dam project, Washington. Office of Public Archaeology. Univ. of Washington, Seattle. 227 pp.
- MISS, C.J., and B.D. COCHRAN. 1982. Archaeological evaluations of the Riparia (45WT1) and Ash Cave (45WW61) sites on the lower Snake River. Washington State Univ. Laboratory of Archaeology and History Project Rep. 14. 156 pp.
- MOEN, A.N. 1982. The biology and management of wild ruminants. Part V: Meteorology and thermal relationships of wild ruminants. Cornerbook Press, Lansing, NY. 147 pp.
- MOEN, A.N., and F.L. Jacobsen. 1974. Changes in radiant temperature of animal surfaces with wind and radiation. J. Wildl. Manage. 38:366-368.
- MORGANTINI, L.E., and R.J. HUDSON. 1989. Nutritional significance of wapiti (*Cervus elaphus*) migrations to alpine ranges in western Alberta, Canada. Arctic and Alpine Res. 21:288-295.
- MOSELER, A., and C.S. PAPADOPOL. 1989. Seasonal isolation as a reproductive barrier among sympatric *Salix* species. Can. J. Bot. 67:2563-2570.
- MOWER, K.J. and H.D. SMITH. 1989. Diet similarity between elk and deer in Utah. Great Basin Nat. 49(4):552-555.
- MUEGGLER, W.F. 1976. Type variability and succession in Rocky Mountain aspen. Pages 16-20 in Utilization and marketing as tools for aspen management in the Rocky Mountains. U.S. For. Ser. Gen. Tech. Rep. RM-29. 120 pp.
- MUEGGLER, W.F. 1985. Vegetation associations. Pages 45-55 in N.V. DeByle, and R.P. Winokur, eds. Aspen: ecology and management in the western United States. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.
- MUEGGLER, W.F. 1988. Aspen community types of the Intermountain region. U.S. For. Ser. Gen. Tech. Rep. INT-250. 135 pp.
- MUEGGLER, W.F. 1989. Age distribution and reproduction of Intermountain aspen stands. West. J. Appl. For. 4:41-45.
- MUEGGLER, W.F., and D.L. BARTOS. 1977. Grindstone Flat and Big Flat enclosures - a 41-year record of changes in clearcut aspen communities. U.S. For. Ser. Res. Paper INT-195. 16 pp.
- MUEGGLER, W.F., and R.B. CAMPBELL, Jr. 1982. Aspen community types on the Caribou and Targhee National Forests in south-eastern Idaho. U.S. For. Ser. Res. Paper INT-294. 32 pp.
- MUEGGLER, W.F., and R.B. CAMPBELL, Jr. 1986. Aspen community types in Utah. U.S. For. Ser. Res. Paper INT-362. 69 pp.
- MUELLER-DOMBOIS, D., and G. SPATZ. 1975. The influence of feral goats on the lowland vegetation on Hawaii Volcanoes National Park. Phytocoenologia 3:1-29.

- MULLOY, W. 1942. The Hagen site - a prehistoric village on the lower Yellowstone. Univ. of Montana Pub. in Social Sci. 1. Reprinted 1976. Reprints in Anthropology 4:1-106. J and L Reprint Co., Lincoln, NE.
- MUNTHNER, G.L. 1981. Beaver management in grazed riparian ecosystems. Pages 234-41 in Proceedings of the wildlife-livestock relationships symposium. Univ. of Idaho Forest, Wildlife and Range Exp. Sta., Moscow. 347 pp.
- MUNTHNER, G.L. 1983. Integration of beaver into forest management. Paper presented at Colorado-Wyoming Chapter of Amer. Fisheries Society, Laramie, WY. 8 pp.
- MURIE, A. 1940. Ecology of the coyote in the Yellowstone. Nat. Park Service Fauna Series No. 4. 206 pp.
- MURIE, O.J. 1951. The elk of North America. Wildlife Management Institute. Reprinted 1979. Teton Bookshop, Jackson, WY. 376 pp.
- MURPHEY, K.A., and M.J. CRUTCHFIELD. 1985. Archaeological test excavations at the Crutchfield site: Hagerman Valley, Idaho. Univ. of Idaho Anthropol. Rep. 86. 149 pp.
- MURPHY, R.F., and Y. MURPHY. 1960. Shoshone-Bannock subsistence and society. Anthropol. Record 16:7:292-338.
- MYERS, L.H. 1981. Grazing on stream riparian habitats in southwestern Montana. Paper presented at Society of Range Management Meeting, Tulsa, OK. 17 pp. Paper on file, Bureau of Land Manage., Dillon, MT.
- NAIMAN, R.J., J.M. MELILLO, and J.E. HOBBIE. 1986. Ecosystem alteration of boreal forest streams by beaver (*Castor canadensis*). Ecology 67:1254-1269.
- NATIONAL PARK SERVICE. 1962. Management of northern Yellowstone wildlife and range. Unpub. Rep. Yellowstone National Park, Mammoth, WY. Nov. 10. 26 pp.
- NATIONAL PARK SERVICE. 1963. 1963-64 northern Yellowstone wildlife and range management plan. Unpub. Rep. Yellowstone National Park, Mammoth, WY. Dec. 4. 20 pp.
- NATIONAL PARK SERVICE. 1967a. Management objectives for northern Yellowstone elk. Unpub. Rep. Yellowstone National Park, Mammoth, WY. Sept. 19. 1 p.
- NATIONAL PARK SERVICE. 1967b. Natural control of elk. Unpub. Rep. Yellowstone National Park, Mammoth, WY. Dec. 5. 2 pp.
- NATIONAL PARK SERVICE. 1967c. Administrative policy for the management of ungulates. Unpub. Rep. Yellowstone National Park, Mammoth, WY. Dec. 7. 1 p.
- NATIONAL PARK SERVICE. 1971. Some considerations in the use of exclosures to access the biotic effects of herbivores and departures from natural conditions in Yellowstone National Park. Yellowstone National Park. Information Paper No. 13. May 15. 2 pp.

- NATIONAL PARK SERVICE. 1986. Natural resources management plan and environmental assessment: Grand Teton National Park. Rocky Mountain Regional Office, Denver. May 27. 473 pp.
- NELSON, R.P. 1986. High-resolution climatic analysis and southwest biogeography. *Science*. 232:27-32.
- NELSON, J.R. 1982a. Relationships of elk and other large herbivores. Pages 415-441 in J.W. Thomas, and D.E. Toweill, eds. *Elk of North America: ecology and management*. Stackpole Books, Harrisburg, PA. 698 pp.
- NELSON, J.R., and T.A. LEEGE. 1982. Nutritional requirements and food habits. Pages 323-367 in J.S. Thomas, and D.E. Toweill, eds. *Elk of North America: ecology and management*. Stackpole Books, Harrisburg, PA. 698 pp.
- NELSON, R.K. 1982b. A conservation ethic and environment: the Koyukon of Alaska. Pages 211-228 in N.M. Williams, and E.S. Hunn, eds. *Resource managers: North America and Australian hunter-gatherers*. AAAS Selected Symposium No. 67. 267 pp.
- NELSON, R.K. 1983. *Make prayers to the raven*. Univ. of Chicago Press, Chicago, IL. 292 pp.
- NEWMAN, T.A. 1966. *Cascadia Cave*. Occ. Papers Idaho State Univ. Mus. 18. 48 pp.
- NORRIS, P.W. 1877. Report on the Yellowstone National Park. Pages 837-845 in Annual report of the Secretary of the Interior for the fiscal year ended June 30, 1877. 1142 pp.
- NORRIS, P.W. 1878. Report on the Yellowstone National Park. Pages 979-996 in Annual report of the Secretary of the Interior for the fiscal year ended June 30, 1878. Vol 2. 1138 pp.
- NORRIS, P.W. 1880a. Report upon the Yellowstone National Park to the Secretary of the Interior for the year 1879. Government Printing Office. 31 pp.
- NORRIS, P.W. 1880b. Annual report of the Superintendent of the Yellowstone National Park. Pages 573-631 in Annual report of the Secretary of the Interior for the year ended June 30, 1880. 897 pp.
- NORRIS, P.W. 1881. Fifth annual report of the Superintendent of the Yellowstone National Park. Pages 749-819 in Annual report of the Secretary of the Interior for the year ended June, 30, 1881. Vol. 2. 976 pp.
- OAKLAEAF, R.J., C. MASSER, and T. NAPPE. 1983. Livestock and nongame wildlife. Pages 95-102 in J.W. Menke, ed. *Proc. of the workshop on livestock and wildlife-fisheries relationships in the Great Basin*. Univ. Calif. Special Pub. 3301. 173 pp.
- O'CONNELL, J.F., and K. HAWKES. 1981. Alyawara plant use and optimal foraging theory. Pages 99-125 in B. Winterhalder, and E.A. Smith, eds. *Hunter-gatherer foraging strategies*. Univ. of Chicago Press, Chicago, IL. 273 pp.
- O'CONNELL, J.F., and K. HAWKES. 1984. Food choice and foraging sites among the Alyawara. *J. Anthropol. Res.* 40:504-535.

- O'CONNELL, J.F., K. HAWKES, and N. BLURTON-JONES. 1988. Hadza hunting, butchering, and bone transport and their archaeological implications. *J. Anthropol. Res.* 44:113-161.
- O'CONNELL, J.F., K. HAWKES, and N. BLURTON-JONES. 1990. Reanalysis of large mammal body part transport among the Hadza. *J. Archaeol. Sci.* 17:301-316.
- OLMSTED, C.E. 1977. The effect of large herbivores on aspen in Rocky Mountain National Park. Ph.D. Diss., Univ. of Colorado, Boulder. 136 pp.
- OLMSTED, C.E. 1979. The ecology of aspen with reference to utilization by large herbivores in Rocky Mountain National Park. Pages 89-97 in M.S. Boyce, and L.D. Hayden-Wing, eds. *North American elk: ecology, behavior, and management.* Univ. of Wyoming, Laramie. 294 pp.
- OLSEN, A. 1962. Yellowstone's great elk slaughter. *Sports Afield.* 148(4):40-41, 87-88.
- OLSEN, A. 1968. The elk slaughter: a sensible sequel. *Sports Afield.* 154(7):33.
- OLSEN, S.L., and P. SHIPMAN. 1988. Surface modification in bone: trampling vs butchery. *J. Archaeol. Sci.* 15:535-553.
- OLSON, D.L. 1983. A descriptive analysis of the faunal remains from the Miller site, Franklin County, Washington. M.A. Thesis, Washington State Univ., Pullman. 147 pp.
- OSBORNE, D. 1953. Archaeological occurrences of pronghorn antelope and horse in the Columbia Plateau. *Sci. Monthly* 77(5):260-269.
- OSBORNE, D., R. CRABTREE, and A. BRYAN. 1952. Archaeological investigations in the Chief Joseph Reservoir. *Amer. Antiq.* 17:360-373.
- PACKER, P.E. 1963. Soil stability requirements for the Gallatin elk winter range. *J. Wildl. Manage.* 27:401-410.
- PAGE, J.L., N. DODD, T.O. OSBORNE, and J.A. CARSON. 1978. The influence of livestock grazing on non-game wildlife. *Cal.-Nev. Wildl.* 1978:159-173.
- PAIGE, K.N., and T.G. WHITHAM. 1987. Overcompensation in response to mammalian herbivory: the advantage of being eaten. *Amer. Natur.* 129:407-416.
- PARKER, K.L., C.T. ROBBINS, and T.A. HANLEY. 1984. Energy expenditures for locomotion by mule deer and elk. *J. Wildl. Manage.* 48:474-488.
- PARKER, K.W. 1954. A method for measuring trend in range condition on national forest ranges with supplemental instructions for measurement of vigor, composition and browse. *U.S. For. Ser.* 37 pp.

- PARKER, M., F.J. WOOD, Jr., B.H. SMITH, and R.G. ELDER. 1985. Erosional downcutting in lower order ecosystems: have historical changes been caused by removal of beaver? Pages 35-38 in R.R. Johnson, C.D. Ziebell, D.R. Patton, P.F. Folliott, and R.H. Hamre, eds. Riparian ecosystems and their management: reconciling conflicting uses. U.S. For. Ser. Gen. Tech. Rep. RM-120. 241 pp.
- PARKER, Rev. S. 1967. Journal of an exploring tour beyond the Rocky Mountains under the direction of the A.B.C.F.M. performed in the years 1835, '36 and '37. Ross and Haines, Minneapolis, Minnesota. 380 pp.
- PASTOR, J., R.J. NAIMAN, B. DEWEY, and P. MCINNES. 1988. Moose, microbes and the boreal forest. Biosci. 28:770-776.
- PATTEN, D.T. 1963. Vegetational pattern in relation to environments in the Madison Range, Montana. Ecol. Monogr. 33:375-406.
- PATTEN, D.T. 1968. Dynamics of the shrub continuum along the Gallatin River in Yellowstone National Park. Ecology 49:1107-1112.
- PATTEN, D.T. 1969. Succession from sagebrush to mixed conifer forest in the northern Rocky Mountain. Amer. Midl. Natur. 82:229-240.
- PATTIE, J.O. 1984. The personal narrative of James O. Pattie. Univ. of Nebraska Press, Lincoln. 269 pp.
- PAVESIC, M.G. 1971. The archaeology of Hells Canyon Creek Rockshelter, Wallawa County, Oregon. Ph.D. Diss. Univ. of Colorado, Boulder. 182 pp.
- PAVESIC, M.G. 1986. Descriptive archaeology of Hells Canyon Creek Village. Boise State Univ. Archaeol. Rep. 14:1-114.
- PAYNE, S. 1972. On the interpretation of bone samples from archaeological sites. Pages 65-81 in E.S. Higgs, ed. Papers in economic prehistory. Cambridge Univ. Press, Cambridge. 147 pp.
- PEEK, J.M., A.L. LOVAAS, and R.A. ROUSE. 1967. Population changes within the Gallatin elk herd, 1932-65. J. Wildl. Manage. 31:304-316.
- PENGELLY, W.L. 1963. Thunder on the Yellowstone. Naturalist 14(2):18-25.
- PERLMAN, S.M. 1980. An optimum diet model, coastal variability, and hunter-gatherer behavior. Advances in Archaeol. Method and Theory 3:257-310.
- PETERS, R.H., S. CLOUTIER, D. DUBE, A. EVANS, P. HASTINGS, H. KAISER, D. KOHN, and B. SARWER-FONER. 1988. The allometry of the weight of fruit on trees and shrubs in Barbados. Oecologia 74:612-616.
- PETERSON, R.O. 1977. Wolf ecology and prey relationships on Isle Royale. Nat. Park Service Sci. Monogr. 11. 210 pp.
- PWTRON, S.E. 1987. Thermoregulation in the Hanford, Washington elk herd. Ph.D. Diss. Washington State Univ., Pullman. 83 pp.

- PETTIGREW, R.M., and C.G. LEBOW. 1987. Data recovery at sites 35JA27, 35JA59, and 35JA100, Elk Creek Lake project, Jackson County, Oregon. Infotec Research, Eugene, OR. Report to U.S. Army Corps of Engineers, Portland, OR. IRI Report No. PNW87-7. Vol. I and II. 847 pp.
- PIMLOTT, D.H. 1965. Influence of deer and moose on boreal forest vegetation in two areas of eastern Canada. *Int. Congr. Game Biol.* 6:105-116.
- PIPPIN, L.C. 1977. Bighorn sheep and Great Basin prehistory. *Nevada State Mus. Anthropol. Papers* 17:332-361.
- PLATTS, W.S., and M. ONISHUK. 1988. "Good" beavers, "bad" beavers. *Idaho Wildlife* 41(2):23-27.
- PLATTS, W.S., R.L. NELSON, O. CASEY, and V. CRISPIN. 1983. Riparian-stream habitat conditions on Tabor Creek, Nevada, under grazed and ungrazed conditions. *West. Ass. Fish and Wildl. Agencies* 63:162-174.
- PLEW, M.G. 1981. Archaeological test excavations at four prehistoric sites in the western Snake River canyon near Bliss, Idaho. Idaho Archaeological Consultants, Boise, ID. Project Rep. 5. 196 pp.
- PLEW, M.G. 1987. A reassessment of the Five Fingers and "Y" buffalo jumps, southwest Oregon. *Plains Anthropol.* 32:317-321.
- PLEW, M.G. 1989. Additional comments on the Five Fingers and "Y" complexes: a reply to Agenbroad. *Plains Anthropol.* 34:59-61.
- PLEW, M.G., M.G. PAVESIC, and M.A. DAVIS. 1987. Archaeological investigations at Baker Caves I and III: a late Archaic component on the eastern Snake River plain. *Boise State Univ. Archaeol. Rep.* 15. 123 pp.
- POJAR, J., and A. BANNER. 1984. Old-growth forests and introduced black-tailed deer on the Queen Charlotte Islands, British Columbia. Pages 247-257 in W.R. Meeham, T.R. Merrell, and T.A. Hanley, eds. *Fish and wildlife relationships in old-growth forests: proceedings of a symposium.* American Institute of Fishery Research Biologists, Morehead City, NC. 392 pp.
- POPE, S.T. 1923. A study of bows and arrows. *Univ. of Calif. Pub. in Amer. Archaeol. and Ethnol.* 13:329-414.
- PREBLE, E.A. 1911. Report on conditions of elk in Jackson Hole, Wyoming, in 1911. *U.S. Biological Survey Bull. No.* 23 pp.
- PRICE, B.J. 1980. The truth is not in accounts but in account books: on the epistemological status of history. Pages 155-180 in E.B. Ross, ed. *Beyond the myths of culture.* Academic Press, NY. 422 pp.
- PUTMAN, R.J., P.J. EDWARDS, J.C.E. MANN, R.C. HOW, and S.D. HILL. 1989. Vegetational and faunal changes in an area of heavily grazed woodland following relief of grazing. *Biol. Conserv.* 47:13-32.
- PYKE, G., H. PULLIAM, and E. CHARNOV. 1977. Optimal foraging: a selective review of theories and tests. *Quart. Rev. Biol.* 52:137-154.

- RAMENOFSKY, A.F. 1987. Vectors of death: the archaeology of European contact. Univ. New Mexico Press, Albuquerque. 300 pp.
- RANDOLPH, J.E., and M. DAHLSTROM. 1977. Archaeological test excavation at Bernard Creek Rockshelter. Univ. of Idaho Anthropol. Res. Manuscript Ser. 42. Moscow, ID. 100 pp.
- RAPSON, D.J., and L.C. TODD. 1989a. Conjoins, contemporarity, and site structure: distributional analysis of the Bugas-Holding site. In J.L. Hoffman, and J.G. Enloe, eds. Piecing together the past: applications of refitting studies in archaeology. British Archaeological Reports, International Series (in press).
- RAPSON, D.J., and L.C. TODD. 1989b. Body size, season, sex, and butchery: inferences about storage and transport through faunal analysis. Paper presented at 54th Annual Meeting Society for American Archaeology, Atlanta. April 5-9. 52 pp. + 22 figures.
- RASMUSSEN, D.L. 1974. New Quaternary mammal localities in the upper Clark Fork River valley, western Montana. Northwest Geol. 3:62-70.
- RAY, V.F. 1932. The Sanpoil and Nespelem. Univ. of Washington Pub. in Anthropol. 5:1-237.
- RAYNOLDS, F.W. 1868. Report on the exploration of the Yellowstone River in 1859-60. Senate Exec. Doc. 77, 40th Congr. 2nd Ses. 174 pp.
- READ, G.E. 1971. Animal bones and human behavior: approaches to faunal analysis in archaeology. Ph.D. Diss. Univ. of California, Los Angeles. 324 pp.
- REED, R. 1971. Aspen forests of the Wind River Mountains, Wyoming. Amer. Midl. Natur. 86:327-343.
- REEVE, S.A. 1980. Ethnobotany and archaeology in Yellowstone and Grand Teton National Parks. Pages 362-380 in Proceedings of the second conference on scientific research in the national parks, Vol. I. U.S. Department of Commerce, National Technical Information Service, Springfield, VA. 456 pp.
- REEVE, S.A. 1983. The Lizard Creek sites (48TE700 and 48TE701): the prehistoric root gathering economy of northern Grand Teton National Park, northwestern Wyoming. Report in fulfillment of package 201, National Park Service, Midwest Archaeological center, Lincoln, NE. 162 pp.
- REEVE, S.A. 1986. Root crops and prehistoric social processes in the Snake River headwaters, northwestern Wyoming. Ph.D. Diss. State Univ. of New York, Albany. 429 pp.
- REEVE, S.A., G.A. WRIGHT, and P. MECHAM. 1979. Archaeological investigations of the Lawrence site (48TE509): Grand Teton National Park, Wyoming. Rep. submitted to Natl. Park Service, Midwest Archaeol. Center, Lincoln, NE. Purchase Order PX-6115-7-0126. 33 pp.
- REID, K.C. 1988. Downey Gulch archaeology and the Hill 5230 Game Drive. Center for Northwest Anthro., Washington State Univ. Contrib. in Cultural Resource Manage. 22. 146 pp.

- REID, K.C., and G. CAULK. 1986. Ungulate zooarchaeology in northeastern Oregon: a review of the evidence. Paper presented at the Northwest Section meeting of The Wildlife Society, Coos Bay, OR. March 19-21. 15 pp.
- REISS, D., and D.N. WALKER. 1982. Pronghorn utilization at 48UT390 in southwestern Wyoming. Wyoming Contrib. to Anthropol. 3:1-24.
- REPLOGLE, W.F. 1956. Yellowstone's Bannock Indian trails. Yellowstone Library and Museum Assoc. Interpretive Ser. 6. 80 pp.
- REPLOGLE, W.F. 1959. Great Bannock trail. Naturalist 10(2):55-57.
- REPPERT, J.N., and R.E. FRANCIS. 1973. Interpretation of trend in range condition from 3-step data. U.S. For. Ser. Res. Paper RM-103. 15 pp.
- RICKARD, W.H., J.D. HEDLUND, and R.E. FITZNER. 1977. Elk in the shrub-steppe region of Washington: an authentic record. Science 196:1009-1010.
- RIGHTER, R.W. 1982. Crucible for conservation: the creation of Grand Teton National Park. Colorado Associated University Press, Boulder. 192 pp.
- RISENHOOVER, K.L., and S.A. MAASS. 1987. The influence of moose on the composition and structure of Isle Royale forests. Can. J. For. Res. 17:357-364.
- ROBINSON, W.A. 1986. Effect of fruit ingestion on Amelanchier seed germination. Torrey Bot. Bull. 113:131-134.
- ROCKWOOD, L.L. 1973. The effect of defoliation on seed production of six Costa Rican tree species. Ecology 54:1363-1369.
- ROGERS, G.F., H.E. MALDE, and R.M. TURNER. 1984. Bibliography of repeat photography for evaluating landscape change. Univ. of Utah Press, Salt Lake City. 179 pp.
- ROLL, T.E. ed. 1982. Kootenai Canyon archaeology: the 1979 Laurd project - final mitigation report. Dep. of Sociology, Montana State Univ., Bozeman. 647 pp.
- ROLL, T.E., and K. DEEVER. 1980. The Bootlegger Trail site, a late prehistoric spring bison kill. Heritage Conservation and Recreation Service Interagency Archaeological Services Pub. No. 48. 174 pp.
- ROLL, T.E., and M.B. SMITH. eds. 1982. Libby additional units and reregulation dam cultural resources project, 1979: descriptive archaeology. Rep. by Dep. of Sociology, Montana State Univ., Bozeman, to U.S. Army Corps of Engineers, Seattle District, Contract No. DACW67-79-C-0072. 492 pp.
- ROMME, W.H., and D.G. DESPAIN. 1989a. Historical perspective on the Yellowstone fires of 1988. Biosci. 39:695-699.
- ROMME, W.H., and D.G. DESPAIN. 1989b. The Yellowstone fires. Sci. Amer. 261(5):37-46.

- ROMME, W.H., and D.H. KNIGHT. 1981. Fire frequency and subalpine forest succession along a topographic gradient in Wyoming. *Ecology* 62:319-326.
- ROSS, B.A., J.R. BRAY, and W.H. MARSHALL. 1970. Effect of long-term deer exclusion on a Pinus resinosa forest in northcentral Minnesota. *Ecology* 51:1088-1093.
- RUSCO, M. 1976. Fur trappers in Snake country: an ethnohistorical approach to recent environmental change. Pages 152-173 in R. Elston, and P. Headrick, eds. *Holocene environmental change in the Great Basin*. Nevada Archaeological Survey Research Paper 6. 293 pp.
- RUSH, W.M. 1932. Northern Yellowstone elk study. Montana Fish and Game Commission, Helena. 131 pp.
- RUSSELL, O. 1965. *Journal of a trapper, 1834-1843*. edited by A.L. Haines, Univ. of Nebraska Press, Lincoln. 191 pp.
- SAHLINS, M.D. 1972. *Stone age economics*. Aldine Press, Chicago, IL. 348 pp.
- SAMUELSON, A.E. 1981. Archaeological investigations in the Grant Village-West Thumb area of Yellowstone National Park, Wyoming. M.A. Thesis. State University of New York at Albany. 106 pp.
- SAPPINGTON, R.L. 1981. The archaeology of the Lydle Gulch site (10-AA-72): prehistoric occupation in the Boise River Canyon, southwestern Idaho. M.S. Thesis. Univ. of Idaho, Moscow. 258 pp.
- SAPPINGTON, R.L., and C.D. CARLEY. 1987. Archaeological investigations at the Kooskia Bridge site (10-IH-1395), Middle Fork, Clearwater River, north central Idaho. Univ. of Idaho Anthropol. Rep. 87. 158 pp.
- SCHALK, R.F. ed. 1983a. Cultural investigations for the Lyons Ferry fish hatchery project, near Lyons Ferry, Washington. Washington State Univ. Laboratory of Archaeology and History Project Rep. 8. 247 pp.
- SCHALK, R.F. ed. 1983b. The 1978 and 1979 excavations at Strawberry Island in the McNary Reservoir. Washington State Univ. Laboratory of Archaeology and History Project Rep. 19. 229 pp.
- SCHALK, R.F. ed. 1987. Archaeology of the Morris site (35GM91) on the John Day River, Gilliam County, Oregon. Univ. of Washington Office of Public Archaeology Contract No. DACW57-84-C-0122 from U.S. Army Corps of Engineers, Portland District. Feb. 12. 619 pp.
- SCHALK, R.F., and R.R. MIERENDORF. eds. 1983. Cultural resources of the Rocky Reach of the Columbia River. Center for Northwest Anthropology, Washington State Univ. Project Rep. No. 1. Vol. 1 and 2. 752 pp.
- SCHIER, G.A., W.D. SHEPPERD, and J.R. JONES. 1985. Regeneration. Pages 197-208 in N.V. DeByle, and R.P. Winokur, eds. 1985. *Aspen: ecology and management in the western United States*. U.S. For. Ser. Gen. Tech. Rep. RM-119. 283 pp.

- SCHMITT, D.N. 1986. Zooarchaeological and taphonomic investigations of site 35JA42, upper Applegate River, southwestern Oregon. M.A. Thesis. Oregon State Univ., Corvallis. 163 pp.
- SCHOCK, S., I.V. ESSEN, S.D. CREASMAN, J. NEWBERRY-CREASMAN, A.D. GARNER, L. SCOTT, and D. KULLEN. 1982. The Cow Hollow Creek site: a multi-component campsite in the Green River Basin, Wyoming. *J. Intermountain Archaeol.* 1:100-121.
- SCHOPMEYER, C.S. ed. 1974. Seeds of woody plants in the United States. U.S. Dep. Agr. Handbook No. 450. Pages 212-215 and 658-673.
- SCHROEDL, A.R. ed. 1985. Archaic and late prehistoric adaptation in southwest Wyoming: the Frontier Pipeline excavations. Wyoming State Office Bureau of Land Manage. Cultural Resource Series 3. 236 pp.
- SCHROEDL, G.F. 1973. The archaeological occurrence of bison in the southern plateau. *Laboratory of Anthropology, Washington State Univ. Rep. of Invest.* 51. 77 pp.
- SCHULLERY, P. 1989a. Yellowstone fires: a preliminary report. *Northwest Sci.* 63:44-54.
- SCHULLERY, P. 1989b. The fires and fire policy. *Biosci.* 39:686-694.
- SCHUPP, E.W. 1988. Seed and early seedling predation in the forest understory and in treefall gaps. *Oikos* 51:71-78.
- SCOTT, K.W., and M. WILSON. 1984. Dead Indian Creek fauna. *Wyoming Archaeol.* 27(1-2):51-62.
- SERVER, F.E. 1876-77. Diary of a trip through Yellowstone Park and down the Snake River to Fort Hall. Montana State University Archives, File No. 507. 12 pp.
- SETON, E.T. 1909. Life-histories of northern animals an account of the mammals of Manitoba. Charles Scribner's Sons, NY. Vol. I: Grass-eaters; Canadian beaver. Pages 447-479.
- SEVERSON, K.E., and J.F. THILENIUS. 1976. Classification of quaking aspen stands in the Black Hills and Bear Lodge Mountains. U.S. For. Ser. Res. Paper RM-166. 24 pp.
- SHARP, N.D. 1988. Redefining Fremont subsistence. Paper presented at the 21st Great Basin Anthropological Conference, Park City, UT. October 5-8. 22 pp.
- SHARROCK, F.W. 1964. 1962 excavations, Glen Canyon area. Univ. Utah. *Anthropol. Papers* 73. 183 pp.
- SHARROCK, F.W. 1966. Prehistoric occupation patterns in southwest Wyoming and cultural relationships with Great Basin and Plains culture areas. Univ. of Utah. *Anthropol. Papers* 77. 215 pp.
- SHARROCK, F.W., and J.P. MARWILL. 1967. Excavations at Nephi, Utah. 1965-1966. Univ. Utah. *Anthropol. Papers* 88. 60 pp.
- SHARROCK, F.W., K.C. DAY, and D.S. DIBBLE. 1963. 1961 excavations, Glen Canyon area. Univ. Utah. *Anthropol. Papers* 63. 352 pp.

- SHEPHERD, H.R. 1971. Effects of clipping on key browse species in southwestern Colorado. Colorado Division of Game, Fish, and Parks Tech. Pub. 28. 104 pp.
- SHIELDS, W.F. 1967. 1966 excavations: Uinta Basin. Univ. Utah Anthropol. Papers 89:1-30.
- SHIELDS, W.F. 1978. The Woodruff bison kill. Univ. Utah Anthropol. Papers 99:43-54.
- SHIELDS, W.F., and G.F. DALLEY. 1978. The Bear River No. 3 site. Univ. of Utah Anthropol. Papers 99:55-104.
- SHIPPEE, J.M. 1971. Wickiups of Yellowstone Park. Plains Anthropol. 16:74-75.
- SHUTE, D.A. 1981. Decline of riparian communities in a portion of southwestern Wyoming. Unpub. Rep. on file, Bureau of Land Manage., Rock Springs, WY. 10 pp.
- SHUTLER, M.E., and R. SHUTLER, Jr. 1963. Deer Creek Cave, Elko County, Nevada. Nevada State Mus. Anthropol. Paper 11. 70 pp.
- SIMMS, S.R. 1984. Aboriginal Great Basin foraging strategies: an evolutionary analysis. Ph.D. Diss. Univ. of Utah, Salt Lake City. 286 pp.
- SINCLAIR, A.R.E. 1981. Environmental carrying capacity and the evidence for over abundance. Pages 247-257 in P.A. Jewell, and S. Holt, eds. Problems in management of locally abundant wild animals. Academic Press, NY. 359 pp.
- SINDELAR, B. 1971. Douglas-fir invasion of western Montana grasslands. Ph.D. Diss. Univ. of Montana, Missoula. 130 pp.
- SINGER, F.J. 1987. Range impacts of the northern Yellowstone elk 20 years after cessation of controls. Unpub. Rep. Research Office, Yellowstone National Park, Mammoth, WY. May 1. 23 pp.
- SINGER, F.J. 1989. The ungulate prey base for large predators in Yellowstone National Park. Yellowstone National Park, Research/Resources Manage. Rep. 1. 83 pp.
- SINGER, F.J., E.O. GARTEN, and B.B. ACKERMAN. 1988a. Visibility of northern Yellowstone elk from fixed-wing aircraft and helicopter. in F. Singer, ed. Elk ecology studies: annual report, 1987. Yellowstone National Park, Mammoth, WY.
- SINGER, F.J., and P. SCHULLERY. 1989. Yellowstone wildlife: populations in process. West. Wildlands 15(2):18-22.
- SINGER, F.J., W. SCHRIEZ, M.E. MESSARDOS, L. CHORPENNING, J. OPPENHIEM, D. HANSON, and T. FREDERICKSON. 1988b. Impacts of the 1988 fires upon elk and their habitats. Research and Resources Management Divisions, Yellowstone National Park, Mammoth, WY.
- SKIMKIN, D.B. 1947. Wind River Shoshone ethnogeography. Anthropol. Record 5:245-284.
- SKINNER, M.P. 1927. The predatory and fur-bearing animals of the Yellowstone National Park. Roosevelt Wildl. Bull. 4(2):163-281.

- SKINNER, M.P. 1928. The elk situation. *J. Mammal.* 9:309-317.
- SKINNER, M.P. 1929. White-tailed deer formerly in the Yellowstone Park. *J. Mammal.* 10:101-115.
- SMITH, A.G. 1965. Problems of inertia and threshold related to postglacial habitat changes. *Proc. of the Royal Society of London, Series B*, 161:331-342.
- SMITH, B.D. 1975. Middle Mississippi exploitation of animal populations. *Univ. of Michigan, Museum of Anthropology, Anthropol. Papers* 47. 233 pp.
- SMITH, B.H. 1980. Not all beaver are bad; or, an ecosystem approach to stream habitat management, with possible software applications. Pages 32-36 in *Proc. of the 15th annual meeting Colo.-Wy. chapter Amer. Fisheries Soc.* 114 pp.
- SMITH, B.H. 1983a. Riparian willow management: its problems and potentials, within the scope of multiple use on public lands. Pages 15-20 in *Proc. 9th Wyoming Shrub Ecology Workshop*. Lander, WY. June 5-6, 1989. 97 pp.
- SMITH, B.H. 1983b. Restoration of riparian habitats within the BLM-Rock Springs District. Paper presented at *Wildlife Habitat Rehabilitation and Reclamation Symposium*. Jan. 10-11. Salt Lake City, UT. 8 pp.
- SMITH, C.S., and S.D. CREASMAN. 1988. The Taliaferro site: 5000 years of prehistory in southwest Wyoming. *Wyoming State Office Bureau of Land Manage. Cultural Resource Series* 6. 432 pp.
- SMITH, E.A. 1979a. Human adaptation and energetic efficiency. *Human Ecol.* 7:53-74.
- SMITH, E.A. 1983. Anthropological applications of optimal foraging theory: a critical review. *Curr. Anthropol.* 24:625-651.
- SMITH, R.C. 1979b. Archaeological investigations in Swan Lake Flat: lithic technology and seasonal patterns in Yellowstone National Park, Wyoming. M.A. Thesis. *Univ. Wisconsin-Madison*. 198 pp.
- SMITH, R.L., and L.D. FLAKE. 1983. The effects of grazing on forest regeneration along a prairie river. *Prairie Natur.* 15:41-44.
- SMITH, T.J. 1987. Seed predation in relation to tree dominance and distribution in mangrove forests. *Ecology* 68:266-273.
- SMITH, T.J., H.T. CHAN, C.C. MCIVOR, and M.B. ROBBLEE. 1989. Comparisons of seed predation in tropical tidal forests from three continents. *Ecology* 70:146-151.
- SOIL SURVEY STAFF. 1975. Soil taxonomy. U.S. Dep. Agr. Handbook No. 436. 754 pp.
- SOKAL, R.R., and F.J. ROHLF. 1981. *Biometry*. 2nd ed. W.H. Freeman and Co., San Francisco, CA.
- SORK, V.L. 1987. Effects of predation and light on seedling establishment in *Gustavia superba*. *Ecology* 68:1341-1350.

- SPETH, J.D. 1983. Bison kill and bone counts: decision making by ancient hunters. Univ. of Chicago Press, Chicago, IL. 237 pp.
- SPETH, J.D. 1987. Early hominid subsistence strategies in seasonal habitats. *J. Archaeol. Sci.* 14:13-29.
- SPETH, J.D., and K.A. SPIELMANN. 1983. Energy source, protein metabolism, and hunter-gatherer subsistence strategies. *J. Anthropol. Archaeol.* 2:1-31.
- SPIER, L. ed. 1938. The Sinkaietk or Southern Okanagon of Washington. General Series in Anthropology 6. George Banta Pub. Co., Menasha, WI. 262 pp.
- STAHL, P.W. 1982. On small mammal remains in archaeological context. *Amer. Antiq.* 47:822-829.
- STATHAM, D.S. 1975. A biogeographic model of camas and its role in aboriginal economy of the northern Shoshoni in Idaho. *Tebiwa Misc. Papers* 18:59-80.
- STEIN, S.J., and P.W. PRICE. 1990. The effect of fire on stimulating willow regrowth and subsequent herbivore attack. *Ecol. Soc. Bull.* 71(2):336.
- STELFOX, J.G. 1971. Bighorn sheep in the Canadian Rockies: a history 1800-1970. *Can. Field-Nat.* 85:101-122.
- STELFOX, J.G. 1976. Range ecology of Rocky Mountain bighorn sheep. *Canadian Wildlife Service Rep.* 39. 50 pp.
- STEPHENS, D.W., and J.R. KREBS. 1986. Foraging theory. Princeton Univ. Press, NY. 247 pp.
- STEVENS, D.R. 1980. The deer and elk of Rocky Mountain National Park: a 10-year study. *Rocky Mountain National Park ROMO-N-13.* 163 pp.
- STEWART, J.H. 1938. Basin-plateau aboriginal sociopolitical groups. *Smithsonian Bureau of Amer. Ethnol. Bull.* 120. 346 pp.
- STEWART, J.H. 1943. Culture element distributions: XXIII Northern and Gosiute Shoshone. *Anthropol. Record* 8:3:263-392.
- STEWART, G.H., J.A. WARDLE, and L.E. BURROWS. 1987. Forest understory changes after reduction in deer numbers, northern Fiordland, New Zealand. *New Zeal. J. Ecol.* 10:35-42.
- STILES, E.W. 1980. Patterns of fruit presentation and seed dispersal in bird-disseminated woody plants in the eastern deciduous forest. *Amer. Natur.* 116:670-688.
- STIVERS, T.S. 1988. Effects of livestock grazing on grizzly bear habitat along the east front of the Rocky Mountains, Montana. M.S. Thesis. Montana State Univ., Bozeman. 80 pp.
- STOCKTON, C.W. 1973. A dendroclimatic analysis of the Yellowstone National Park Region, Wyoming-Montana. Laboratory of Tree-Ring Research, Univ. of Arizona, Tucson. Unpub. Rep. on file Yellowstone National Park, Mammoth, WY. 56 pp.

- ST. PIERRE, R.G. 1989. Magnitude, timing, and causes of immature fruit loss in Amelanchier alnifolia (Rosaceae). *Can. J. Bot.* 67:726-731.
- STREETER, R.G. 1965. Environmental factors affecting vegetational patterns in the Daly Creek basin of northwestern Yellowstone National Park. M.S. Thesis. Virginia Polytechnic Institute, Blacksburg. 88 pp.
- STRONG, W.E. 1968. A trip to the Yellowstone National Park in July, August, and September, 1875. Univ. of Oklahoma Press, Norman. 176 pp.
- STURGES, D.L. 1989. Response of mountain big sagebrush to induced snow accumulation. *J. Appl. Ecol.* 26:1035-1041.
- SUTER, S.M. 1990. Chemical and morphological response of willow in Alaska to simulated moose browsing. *Ecol. Socl. Bull.* 71(2):340.
- SWANSON, E.H., Jr. 1972. Birch Creek: human ecology in the cool desert of the northern Rocky Mountains, 9000 B.C.-A.D. 1850. Idaho State Univ. Press, Pocatello. 220 pp.
- SWANSON, E.H. Jr., and J. DAYLEY. 1968. Hunting at Malad Hill in southeastern Idaho. *Tebiwa* 11:59-69.
- SWANSON, E.H. Jr., and P.G. SNEED. 1966. Birch Creek papers No. 3: the archaeology of the Shoup Rockshelters in east central Idaho. *Occ. Papers Idaho State Univ. Mus.* 17:1-45.
- TAKATSUKI, S. 1987. Ecological studies on effect of Sika deer (Cervus nippon) on vegetation. VII. Miyajima Island. *Ecol. Rev.* 21:111-116.
- TAYLOR, D.C. 1957. Two Fremont sites and their position in southwestern prehistory. *Univ. Utah. Anthropol. Papers* 29. 185 pp.
- TAYLOR, D.C. 1964. Preliminary archaeological investigations in Yellowstone National Park. Unpub. Rep. on file, Yellowstone National Park Library and Museum Association, Mammoth, WY. 209 pp. + appendix of site reports.
- TAYLOR, D.C. 1973. Archaeological investigations in the Libby Reservoir area, northwestern Montana. *Montana Contrib. to Anthropol.* 3. 473 pp.
- TAYLOR, D.M. 1986. Effects of cattle grazing on passerine birds nesting in riparian habitat. *J. Range Manage.* 39:254-258.
- TELFER, E.S., and J.P. KELSALL. 1984. Adaptation of some large North American mammals for survival in snow. *Ecology* 65:1828-1834.
- THOMAS, D.H. 1969. Great Basin hunting patterns: a quantitative method for treating faunal remains. *Amer. Antiq.* 34:392-401.
- THOMAS, D.H. 1970. Artiodactyls and man in the prehistoric Great Basin. Pages 199-208 in E.W. Ritter, P.D. Schulz, and R. Kautz, eds. *Papers on California and Great Basin prehistory.* Davis Center for Archaeological Research Pub. 2. 229 pp.

- THOMAS, D.H. 1981. The 1981 Alta Toquima Village project: a preliminary report. Unpub. Rep. Desert Research Institute and American Museum of Natural History. 49 pp.
- THOMAS, D.H. 1983. The archaeology of Monitor Valley 2. Gatecliff Shelter. *Anthropol. Papers Amer. Mus. Natural Hist.* 59:1-552.
- THOMAS, D.H. ed. 1985. The archaeology of Hidden Cave. *Anthropol. Papers Amer. Mus. Natural Hist.* 61:1-430.
- THOMPSON, J.N. 1985. Postdispersal seed predation in *Lomatium* spp. (Umbelliferae): variation among individuals and species. *Ecology* 66:1608-1616.
- THOMS, A.V. ed. 1984. Cultural resources investigations for Libby Reservoir, northwest Montana. Vol. 1: Environment, archaeology and land use patterns in the middle Kootenai River valley. Center for Northwest Anthropology Washington State Univ., Pullman. Project Rep. 2. 529 pp.
- THOMS, A.V., and G.C. BURCHARD. 1987. Prehistoric land use in the northern Rocky Mountains: a perspective from the middle Kootenai River Valley. Center for Northwest Anthropology, Washington State Univ., Pullman. Project Rep. 4. 560 pp.
- THORNTON, I.R. 1969. An evaluation of the Upper Slide Lake soil and water demonstration project after eight years. Unpub. Rep. on file, Supervisor's Office, Bridger-Teton National Forest, Jackson, WY. File No. 2520. 147 pp.
- TIEDEMANN, A.R., and H.W. BERNDT. 1972. Vegetation and soils of a 30-year deer and elk enclosure in central Washington. *Northwest Sci.* 46:59-66.
- TILGHMAN, N.G. 1989. Impacts of white-tailed deer on forest regeneration in northwestern Pennsylvania. *J. Wildl. Manage.* 53:524-532.
- TIXIER, J.S. 1986. The Greater Yellowstone: an introduction to an area and its issues. *West. Wildlands* 12(3):2-6.
- TODD, L.C., and G.C. FRISON. 1987. Bugas-Holding project: 1983-1986 excavations. Nat. Sci. Foundation Tech. Rep. BNS-8406804 by Dep. of Anthropology, Univ. of Wyoming, Laramie. 293 pp.
- TODD, L.C., and D.J. RAPSON. 1988. Long bone fragmentation and interpretation of faunal assemblages: approaches to comparative analysis. *J. Archaeol. Sci.* 15:307-325.
- TOWNSEND, J.K. 1978. Narrative of a journey across the Rocky Mountains to the Columbia River. Univ. of Nebraska Press, Lincoln. 254 pp.
- TRENHOLM, V.C., and M. CARLEY. 1964. The Shoshonis: sentinels of the Rockies. Univ. of Oklahoma Press, Norman. 363 pp.
- TRIGGER, B.C. 1981. Webster vs. Champlain. *Amer. Antiq.* 46:420-421.
- TROTTIER, G.C., and A. FEHR. 1982. Re-evaluation of four range enclosures in Banff National Park, 1981. Canadian Wildlife Service. Edmonton, Alberta. May. 49 pp.

- TRUEBLOOD, T. 1963. Too many elk. *Field and Stream* 68(3):36-39, 72-74.
- TUCKER, G.C. 1985. Archaeological investigations at 48SW2303, a sand dune site in southwestern Wyoming. *Plains Anthropol.* 30:305-324.
- TUOHY, D.R., and D.L. RENDALL. 1979. The archaeology of Smith Creek Canyon, Eastern Nevada. *Nevada State Museum Anthropol. Papers* 17:1-358.
- TURNER, E.R., and R.S. SANTLEY. 1979. Deer skin and hunting territories reconsidered. *Amer. Antiq.* 44:810-816.
- TYERS, D.B. 1981. The condition of the northern Yellowstone winter range in Yellowstone National Park - a discussion of the controversy. M.S. Thesis. Montana State Univ., Bozeman. 170 pp.
- UERPMANN, H. 1973. Animal bone finds and economic archaeology: a critical study of "osteological" method. *World Archaeol.* 4:307-322.
- URNESS, P.J. 1985. Elk nutrition and foraging behavior. Pages 161-169 in G.W. Workman, ed. *Western Elk Management: a symposium.* Utah State Univ., Logan. 213 pp.
- U.S. FISH AND WILDLIFE SERVICE. 1987. Northern Rocky Mountain wolf recovery plan. U.S. Fish and Wildlife Service, Denver, CO. 119 pp.
- U.S. SENATE. 1967. Control of elk population, Yellowstone National Park. Subcommittee of the Committee on Appropriations. 90th Congress, 1st Session. 142 pp.
- VEBLEN, T.T., M. MERMOZ, C. MARTIN, and E. RAMILO. 1989. Effects of exotic deer on forest regeneration and composition in northern Patagonia. *J. Appl. Ecology* 26:711-724.
- VERKAAR, H.J. 1987. Population dynamics - the influence of herbivory. *New Phytol.* 106(Suppl.):49-60.
- VORE, J.M. 1990. Movements and distribution of some northern Yellowstone elk. M.S. Thesis. Montana State Univ., Bozeman. 80 pp.
- WALKER, D.N. 1975a. A cultural and ecological analysis of the vertebrate fauna of the Medicine Lodge Creek site 48BH499. M.S. Thesis. Univ. of Wyoming, Laramie. 117 pp.
- WALKER, D.N. 1975b. Non-bison remains from the Vore Bison Jump, Crook County, Wyoming. *Plains Anthropol.* 20:217-224.
- WALKER, D.N. 1987. Late Pleistocene/Holocene environmental changes in Wyoming: the mammalian record. Pages 334-393 in R.W. Graham, H.A. Semken, and M.A. Graham, eds. *Late quaternary mammalian biogeography and environments of the Great Plains and prairies.* Illinois State Museum Scientific Papers 22. 491 pp.
- WARD, A.L. 1973. Elk behavior in relation to multiple uses on the medicine Bow National Forest. *West. Ass. State Game and Fish Commissions* 53:125-141.

- WARD, A.L., J.J. CUPAL, G.A. GOODWIN, and H.D. MORRIS. 1976. Effects of highway construction and use on big game populations. Federal Highway Admin. Rep. FHWA-RD-76-174. 88 pp.
- WARREN, C.N. 1968. The view from Wenas: a study in plateau prehistory. Occ. Papers Idaho State Univ. Mus. 24. 89 pp.
- WARREN, E.R. 1926. A study of the beaver in the Yancey region of Yellowstone National Park. Roosevelt Wildl. Ann. 1:1-191.
- WASHBURN, S.L., and C.S. LANCASTER. 1968. The evolution of hunting. Pages 293-303 in R.B. Lee, and I. DeVore, eds. Man the hunter. Aldine Pub. Co., Chicago, IL. 415 pp.
- WEAVER, J. 1978. The wolves of Yellowstone. U.S. National Park Service Natural Resources Rep. 14. 39 pp.
- WEAVER, T., K. KENDALL, and F. FORCELLA. 1990. Berry production in three whitebark pine forest types. Pages 198-200 in W.C. Schmidt, and K.J. McDonald, eds. Proceedings symposium on whitebark pine ecosystems: ecology and management of a high-mountain resources. U.S. For. Ser. Gen. Tech. Rep. INT-270. 386 pp.
- WEBSTER, D., and G. WEBSTER. 1984. Optimal hunting and Pleistocene extinction. Human Ecol. 12:275-289.
- WEBSTER, G.S. 1978. Dry Creek Rockshelter: cultural chronology in the western Snake River region of Idaho ca. 4150BP-1300BP. Tebiwa Misc. Paper 15:1-35.
- WEBSTER, G.S. 1979. Deer hides and tribal confederations: an appraisal of Gramly's hypothesis. Amer. Antiq. 44:816-820.
- WEBSTER, G.S. 1981. Reply to Trigger. Amer. Antiq. 46:421-422.
- WEBSTER, G.S. 1983. Iroquoian hunting: an optimization approach. Ph.D. Diss. Pennsylvania State Univ., University Park. 487 pp.
- WEBSTER, G.S. 1985. Susquehannoch animal economy. N. Amer. Archaeol. 6:41-62.
- WEBSTER, G.S. 1986. Optimization theory and pre-Columbian hunting in the Tehuacan Valley. Human Ecol. 14:415-435.
- WEDEL, W.R., W.H. HUSTED, and J.H. MOSS. 1968. Mummy Cave: prehistoric record from Rocky Mountains of Wyoming. Science 160:184-186.
- WEINSTEIN, J. 1979. The condition and trend of aspen along Pacific Creek in Grand Teton National Park. Pages 78-82 in M.S. Boyce, and L.D. Hayden-Wing, eds. North American elk, ecology, behavior and management. Univ. of Wyoming, Laramie. 294 pp.
- WERNER, D. 1983. Why do the Mekranoti trek? Pages 225-238 in R.B. Hames, and W.T. Vickers, eds. Adaptive responses of native Amazonians. Academic Press, NY. 367 pp.
- WHITE, T.E. 1952. Observations on the butchering technique of some aboriginal peoples No. 1. Amer. Antiq. 17:337-338.

- WHITE, T.E. 1953a. A method of calculating the dietary percentage of various food animals utilized by aboriginal peoples. *Amer. Antiq.* 18:396-398.
- WHITE, T.E. 1953b. Observations on the butchering technique of some aboriginal peoples No. 2. *Amer. Antiq.* 18:160-164.
- WHITE, T.E. 1954. Observations on the butchering technique of some aboriginal peoples No. 3, 4, 5, and 6. *Amer. Antiq.* 19:254-264.
- WILLARD, E.E., and C.M. MCKELL. 1978. Response of shrubs to simulated browsing. *J. Wildl. Manage.* 42:514-519.
- WILLIAMS, T. 1989. Incineration of Yellowstone. *Audubon* 91(1):39-85.
- WILLSON, M.F. 1986. Avian frugivory and seed dispersal in eastern North America. *Curr. Ornithology* 3:223-279.
- WINTERHALDER, B. 1981a. Optimal foraging strategies and hunter-gatherer research in anthropology: theory and models. Pages 13-35 in B. Winterhalder, and E.A. Smith, eds. *Hunter-gatherer strategies*. Univ. of Chicago Press, Chicago, IL. 273 pp.
- WINTERHALDER, B. 1981b. Foraging strategies in the boreal forest: an analysis of Cree hunting and gathering. Pages 66-98 in B. Winterhalder, and E.A. Smith, eds. *Hunter-gatherer foraging strategies*. Univ. of Chicago Press, Chicago, IL. 273 pp.
- WINTERHALDER, B. 1987. An analysis of hunter-gatherer diets: stalking an optimal foraging model. Pages 311-339 in M. Harris, and E.B. Ross, eds. *Food and evolution: toward a theory of human food habits*. Temple Univ. Press, Philadelphia, PA. 633 pp.
- WITMER, G.W., and D.S. DE CALESTA. 1985. Effect of forest roads on habitat use by Roosevelt elk. *Northwest Sci.* 59:122-125.
- WOLFF, J.G. 1978. Burning and browsing effects on willow growth in interior Alaska. *J. Wildl. Manage.* 42:135-140.
- WOOD, D.M., and M.C. ANDERSON. 1990. The effect of predispersal seed predators on colonization of *Aster-ledophyllus* on Mount St. Helens, Washington. *Amer. Midl. Natur.* 123:193-210.
- WOODBURN, J. 1968. An introduction to Hadza ecology. Pages 49-55 in R.B. Lee, and I. DeVore, eds. *Man the hunter*. Aldine Pub. Co., Chicago, IL. 415 pp.
- WORMINGTON, H.M. 1955. A reappraisal of the Fremont culture. *Proc. Denver Mus. of Natural History* 1. 200 pp.
- WRIGHT, G.A. 1978. The Shoshonean migration problem. *Plains Anthropol.* 23:113-137.
- WRIGHT, G.A. 1979. Homage to Gustavus Cheney Doane: science in our national parks. Pages 887-892 in R.M. Linn, ed. *First Conference on Scientific Research in the National Parks*. U.S. National Park Service, Washington D.C. 942 pp.

- WRIGHT, G.A. 1980 Environmental change and cultural variation: the view from the high country of northwest Wyoming. Pages 324-333 in Proceedings of the second conference on scientific research in national parks. Vol. 1. U.S. Dep. Commerce, Nat. Technical Information Service, Springfield, VA. 456 pp.
- WRIGHT, G.A. 1982. Notes on chronological problems on the northwestern plains and adjacent high country. *Plains Anthropol.* 27:145-160.
- WRIGHT, G.A. 1983. A report on Jerry Lake II (48TE576): a posthorse Shoshone site in Grand Teton National Park. *Wyoming Archaeol.* 26(2):2-19.
- WRIGHT, G.A. 1984a. People of the high country: Jackson Hole before the settlers. Peter Lang, NY. 181 pp.
- WRIGHT, G.A. 1984b. Letter to Dr. Leslie Pengelly, Director, Wildlife Biology Program, University of Montana, Missoula. Feb. 2. 6 pp.
- WRIGHT, G.A., R. PROULX, and T. KOENING. 1982. A Native American burial from 48YE1 Fishing Bridge peninsula, Yellowstone National Park. *Wyoming Archaeol.* 25(3):2-26.
- WRIGHT, G.A., and S.A. REEVE. 1981. Prehistoric resource procurement and climatic change in northwestern Wyoming. Pages 423-448 in W. Mahaney, ed. *Quaternary paleoclimate*. Geo Abstracts, Norwich. 529 pp.
- WRIGHT, G.A., S. BENDER, and S.A. REEVE. 1980. High country adaptations. *Plains Anthropol.* 25:181-197.
- WRIGHT, G.A., and S.J. MILLER. 1976. Prehistoric hunting of new world wild sheep: implications for the study of sheep domestication. Pages 293-318 in C.D. Cleland, ed. *Cultural change and continuity: essays in honor of James Bennett Griffin*. Academic Press, NY. 374 pp.
- WRIGHT, G.A., T. MARCEAU, F.A. CALABRESE, and M. TUNE. 1978. Greater Yellowstone cooperative regional transportation study: regional assessment archaeological report. U.S. National Park Service. Midwest Archaeological Center. Lincoln, NE. 91 pp.
- WRIGHT, G.H., and B.H. THOMPSON. 1935. Fauna of the national parks of the United States. U.S. Nat. Park Service Fauna Series 2. 142 pp.
- WRIGHT, R.G. 1988. Wildlife issues in national parks. Pages 169-196 in W.J. Chandler, ed. *Audubon wildlife report 1988/1989*. Academic Press, NY. 579 pp.
- WYDEVEN, A.P. 1979. Food habits and ecological relationships of elk to other herbivores in Wind Cave National Park. M.S. Thesis. Iowa State Univ., Ames. 208 pp.
- WYDEVEN, A.P., and R.B. DAHLEREN. 1985. Ungulate habitat relationships in Wind Cave National Park. *J. Wildl. Manage.* 49:805-813.
- YENT, M.E. 1976. The cultural sequence at Wawawai (45WT39) lower Snake River region, southeastern Washington. M.A. Thesis. Washington State Univ., Pullman. 156 pp.

- YESNER, D.R. 1981. Archaeological applications of optimal foraging theory: harvest strategies of Aleut hunter-gatherers. Pages 148-170 in B. Winterhalder, and E.A. Smith, eds. Hunter-gatherer foraging strategies. Univ. of Chicago Press, Chicago, IL. 273 pp.
- YOMANS, H.B., S.T. STEWART, and A.R. DOAD. 1982. Upper Stillwater big game technical report. Montana Dep. of Fish, Wildlife and Parks, Helena. August. 98 pp.
- YOUNG, J.L. 1973. Breeding bird populations and habitat utilization in aspen stands of upper Logan Canyon. M.S. Thesis. Utah State Univ., Logan. 38 pp.
- YOUNG, J.L. 1977. Density and diversity responses of summer bird populations to the structure of aspen and spruce-fir communities on the Wasatch Plateau, Utah. Ph.D. Diss. Utah State Univ., Logan. 79 pp.
- YOUNG, V.A., and G.F. PAYNE. 1948. Utilization of "key" browse species in relation to proper grazing practices in cutover western white pine lands in northern Idaho. J. For. 46:35-40.
- YOUNGBLOOD, A.P., and W.F. MUEGGLER. 1981. Aspen community types on the Bridger-Teton National Forest in western Wyoming. U.S. For. Ser. Res. Paper INT-272. 34 pp.
- ZEIMENS, G.M. 1975. 48AB301: A late prehistoric period site in the Shirley Basin of Wyoming. M.S. Thesis. Univ. of Wyoming, Laramie. 83 pp.
- ZIEGLER, A.C. 1973. Inference from prehistoric faunal remains. Addison-Wesley Module in Anthropology 43. 57 pp.
- ZIER, C.J. 1982. The Oyster Ridge site: late prehistoric antelope utilization in the Bridger Basin, southwest Wyoming. Wyoming Contrib. to Anthropol. 3:26-38.
- ZIMMERMAN, R.H. 1972. Juvenility and flowering in woody plants: a review. Hortscience 7:447-455.