

RESEARCH BIBLIOGRAPHY FOR
JACKSON HOLE BIOLOGICAL STATION (1951-1975)
AND
U.W.-N.P.S. RESEARCH CENTER (1975-1987)¹

Alleman, Darryl D.

- 1975 Pilot plant study of a treatment system for recreational area vault toilet waste. J. of Water Pollution Control, 42(2):377-385. (Eisenhower Consortium Journal Series Paper 2)

Alexander, E. C. Jr., M. A. Davis, and J. B. Dalgleish

1986. Dye tracing through thick unsaturated zones. Proc. of the 5th Int'l. Symp. of Underground Water Tracing. Athens, Greece, Sept. 1986. (In press)

Alexander, E. Calvin

- 1987 Impact of surface development on underlying cavern features. Nat'l. Cave Manage. Symp. Rapid City, SD.

Altmann, Margaret

- 1951 Patterns of herd structure in free-ranging elk. Abstr. Anat. Rec., 3(3):74.
- 1951 Patterns of herd structure in free-ranging elk. Paper presented at the Phil. Meet. of the Amer. Soc. of Zool., Abstr. Anat. Rec., Vol. III, No. 3, p. 74.
- 1951 A study of behavior in a horse-mule group with animal sociograms. Sociometry, Vol. XIV, No. 4.
- 1952 Social behavior of elk, Cervus canadensis nelsoni, in the Jackson Hole area of Wyoming. Behav., 4(2):116-143.
- 1953 Social graces in elk society. Bull. N.Y. Zool. Soc., Ani. Kingdom, 56(3):66-72.
- 1956 Patterns of herd behavior in free-ranging elk of Wyoming, Cervus candensis nelsoni. Zoologica, 41(2):65-71.
- 1956 Two marking devices for large land mammals. J. of Wildl. Mgmt., 20(4):464. (With Richard D. Taber and Anton de Vos)

¹Updated in 1987

- 1956 Patterns of social behavior in big game. Trans. of the 21st No. Amer. Wildl. Conf., pp. 538-545.
- 1958 The flight distance in free-ranging big game. J. of Wildl. Mgmt., 22(2):207-209.
- 1958 Social integration of the moose calf. Ani. Behav., 6(3-4):155-159.
- 1959 Group dynamics in Wyoming moose during the rutting season. J. Mammal., 40(3):420-424.
- 1960 Moose runs from Sandhill Crane. J. Mammal., 41(4):525.
- 1960 The role of juvenile elk and moose in the social dynamics of their species. Zoologica, 45(1):35-39.
- 1961 "Teen-age" problems in the wilderness. Ani. Kingdom, 64(2):41-44.
- 1961 Sex dynamics within kinships of free-ranging wild ungulates. Paper presented at the AAAS Denver meetings, Section H, Symp. on Incest.
- 1963 Naturalistic studies of maternal care in moose and elk. Chap. in Maternal Behavior in Mammals, Ed. by Harriet L. Rheingold. John Wiley & Sons, pp. 233-253.
- 1963 Seniors of the wilderness. Ani. Kingdom, 66(6):181-183.
- 1963 The social role of the aged, wild ungulates. Paper presented at the 34th meeting of the CO-WY Acad. of Sci., Fort Collins, CO.
- 1965 Messages in the wild. Ani. Kingdom, 68(6):179-182.
- 1968 Social conduct in and out of the herd. Colo. Quarterly, 16(4):335-351.
- Anderson, Stanley H.
- 1987 Distribution of vertebrates of the Bighorn Canyon NRA. Great Basin Nat., 47(3):512-521. (With Wayne A. Hubert, Craig Patterson, Alan J. Redder and David Duvall)
- Armitage, Kenneth B.
- 1959 Behavior patterns of juvenile yellow-bellied marmots. (Marmota flaviventris nosophora Howell). Anat. Rec., 134(3):525.
- 1961 Frequency of melanism in the golden-mantled marmot. J. Mammal., 42(1):100-101.

- 1962 Social behavior of a colony of the yellow-bellied marmot (Marmota flaviventris). *Ani. Behav.*, 10(3-4):319-331.
- 1965 Vernal behavior of the yellow-bellied marmot (Marmota flaviventris). *Ani. Behav.*, 13:59-68.
- Ault, Kurt L.
- 1980 Ecology of the breeding bald eagle and osprey in the Grand Teton-Yellowstone National Parks Complex. M.S. Thesis, MT State Univ., Bozeman. 95 p.
- Bailey, J. P.
- 1976 Seismicity and contemporary tectonics of the Hebgen Lake-Centennial Valley, Montana area; M.S. Thesis, Univ. of Utah, Salt Lake City.
- Bangham, Ralph
- 1951 Parasites of fish in the Upper Snake River drainage and in Yellowstone Lake, Wyoming. *Zoologica*, 36(111).
- 1953 Studies on monogenetic trematodes: Dactyloxyidae from Alaska, Wisconsin and Wyoming. *Am. Mid. Nat.*, 50(1):206-217. Published by John D. Mizelle and Francis O. Webb using Bangham's material.
- 1953 Hypocaryophyllaeus gilae n. sp. (Caryophyllaeidae) from the Utah chub, Gila atraria, in Wyoming. *Proc. Helm. Soc. Wash.*, 20(2):113-117. Published by Jacob H. Fischthal using Bangham's material.
- Barnosky, Anthony D.
- 1984 The Colter Formation: evidence for miocene volcanism in Jackson Hole, Teton County, WY. *Earth Sci. Bull.*, Vol. 17, pp. 49-97.
- 1985 Late blancan (pliocene) microtine rodents from Jackson Hole, Wyoming: Biostratigraphy and biogeography. *J. of Vert. Paleon.* 5(3):255-271.
- 1986 Arikareean, hemingfordian, and barstovian mammals from the Miocene Colter Formation, Jackson Hole, Teton County, WY. *Bull. of Carnegie Mus. of Nat. Hist.*, No. 26, 69 pp.
- 1986 New species of the miocene rodent Cupidinimus (Heteromyidae) and some evolutionary relationships within the genus. *J. of Vert. Paleon.*, 6(1):46-64.
- Barnosky, Cathy W.
- 1984 Late miocene vegetational and climatic variations inferred from a pollen record in Northwest Wyoming. *Sci. Vol.* 223, pp. 49-51.

Baxter, John W.

1960 Aquatic Hyphomycetes from Wyoming. *Mycologia*, 52(4):654-655.

Beetle, Alan A.

1952 A 1951 survey of summer elk range in the Teton Wilderness area. *WY Range Mgmt.*, 51:1-5.

1957 A study of range condition classes in the Jackson Hole region of Wyoming. *WY Range Mgmt.* Issue No. 104. (Mimeo)

1959 New names within the section *Tridentatae* of *Artemisia*. *Rhodora*, 61:82-85.

1960 A study of sagebrush. *Bull.* 368, Univ. of WY Agri. Exper. Sta.

1961 Range survey in Teton County, Wyoming. Part I. Ecology of range resources. *Bull.* 376, Univ. of WY Agri. Exper. Sta.

1962 Range survey in Teton County, Wyoming. Part II. Utilization and condition classes. *Bull.* 400, Univ. of WY Agri. Exper. Sta.

1964 Dipterous gall on the *Artemisia tridentata* complex and insects associated with them. *Ann. Entomol. Soc. of Amer.*, 57:575-577. (With W. D. Fronk and D. G. Fullerton)

1966 A 1966 survey of summer elk range in southern Yellowstone. *WY Range Mgmt.*, 223:196-198.

1966 A third subspecies in the *Artemisia tridentata* complex. *Rhodora*, 67:405-406. (With Alvin Young)

1968 Range survey in Teton County, Wyoming. Part III. Trends in vegetation. *Res. J.* 26, Univ. of WY Agri. Exper. Sta.

1968 Another note on sagebrush taxonomy. *Rhodora*, 70:782.

1970 Ecology and carrying capacity of summer elk range. In *For. Res. Prog. in 1970*, McIntyre-Stennis, p. 34-35, illus.

1970 Grasses of Wyoming. *WY Agri. Exper. Sta. Res. J.*, 39:1-151. (With M. May)

1970 Recommended plant names. *WY Agri. Exper. Sta. Res. J.*, 31:1-124.

1971 M. & O. Murie's "Wapiti Wilderness". *WY Range Mgmt.*, 286: p. 12. (Book Review)

- 1972 Variation and ecology of aspen. For. Res. Prog. in 1971, McIntyre-Stennis, p. 51.
- Beetle, Dorothy E.
- 1956 Habitats of terrestrial mollusca in Jackson Hole, Wyoming. J. CO-WY Acad. Sci., 55(8):43.
- 1957 The mollusca of Teton County, Wyoming. The Nautilus, 71(1):12-22.
- 1960 Noteworthy records of Wyoming Mollusca. The Nautilus, 73(4):155-157.
- A checklist of Wyoming recent mollusca. Sterkiana, No. 3.
- Bergstrom, Robert C.
- 1975 The prevalence of Dictyocaulus viviparus infection in Rocky Mountain elk in Teton County, Wyoming. J. Wildl. Dis., 11:40-44.
- 1979 Lungworms, Dictyocaulus viviparus, in various age classes of elk (Cervus canadensis) in the Tetons. In "North American Elk Ecology"! Ecol. Behav. and Mgmt. Symposium. Univ. of WY. April 3-5, 1978. pp. 221-223. (With R. Robbins)
- 1985 Moniezia sp. in cattle and sheep in Wyoming. Amer. Assoc. Vet. Parasitol. Abst. #38. Las Vegas, NV. July 22-24.
- Bergstrom, R. C., S. L. Etherton and M. A. MacDanold
- 1984 Controlling concurrent infections of Trichostrongylids and Coccidia in weaner calves. Vet. Med., pp. 1210-1211, Sept.
- Bergstrom, R. C. and D. E. Worley
- 1983 Dictyocaulosis in ruminants in the Rocky Mountain area: epidemiologic data and comparative opicule lengths in male worms. Prog. and Abst. Am. Soc. Parasitol. Ann. Mtg., San Antonio, TX. p. 58.
- Bick, George H.
- 1972 Odonata collected in Wyoming, South Dakota, and Nebraska. Proc. Ent. Soc. of Wash., 74(1):1-8. (With Lothar E. Hornuff)
- Bliss, L. C.
- 1956 A comparison of plant development in microenvironments of arctic and alpine tundras. Ecol. Mon., 26:303-337.
- Bock, C. E.
- 1983 Responses of birds and deer mice to prescribed burning in ponderosa pine. J. Wildl. Manage., 47:836-840. (With J. H. Bock)

- 1987 Avian habitat occupancy following fire in a Montana shrubsteppe. *Prairie Nat.*, 19:153-158. (With J. H. Bock)

Bock, Jane H.

- 1982 Some effects of fire on vegetation and wildlife in ponderosa pine forests of the Southern Black Hills. Final report to the Nat'l Park Ser. and the Eisenhower Consortium, U.S. For. Ser. Mimeo 58 p. (With Carl E. Bock)
- 1983 Effect of fires on woody vegetation in the Pine-grassland ecotone of the Southern Black Hills. *The Amer. Midland Nat.* pp. 35-42. (With Carl E. Bock)
- 1987 The effects of fire on virgin northern mixed grassland at Custer Battlefield National Monument. Final report to the Nat'l. Park Serv. on NPS Contract No. CX-1200-4-A034. 91 pp., mimeo. (With C. E. Bock and M. O'Shea-Stone)

Brewer, C. A.

- 1984 Effects of water level fluctuations on the Littoral Macrophyte community in Jackson Lake, Grand Teton National Park, Wyoming. *North Amer. Lake Manage. Soc. McAfee*, New Jersey. October. (With M. Parker)
- 1985 Measurement of underwater transects in a lake by SCUBA diving. *CO-WY Acad. of Sci. Denver, CO.* April. (With M. Parker)
- 1985 Factors controlling macrophyte distribution and breakage in Jackson Lake, Wyoming. *CO-WY Acad. of Sci. Denver, CO.* April. (With M. Parker)
- 1986 Is there a relationship between life history strategies and stem tensile properties in aquatic macrophytes? *Southwestern and Rocky Mtn. Div., Amer. Assoc. for the Adv. of Sci.* April. (With M. Parker)
- 1986 An investigation of the aquatic macrophyte community in Jackson Lake, Wyoming: Distribution, effect of moving water, and species-specific tensile properties. M.S. Thesis, Dept. of Zool. and Physiol., Univ. of WY. 156 pp.
- 1987 Comparison of macrophyte performance in a North American temperate lake with Norwegian Hydropower Lakes. *Norwegian Bot. Soc. Meet., Kongsvoll, Norway.* March. (With B. Rorslett)
- 1987 Performance of the aquatic macrophyte community in Jackson Lake, Wyoming, along a vertical gradient. *Guild of Rocky Mtn. Pop. Biol. Meetings, Saratoga, Wyoming.* September.

Calder, William A., Jr.

- 1968 Temperature relations and underwater endurance of the smallest hemeothermic diver. *Amer. Zool.*, 8(4):145.
- 1969 Temperature relations and underwater endurance of the smallest hemeothermic diver, the water shrew. *Comp. Biochem. Physiol.*, 30:1075-1082.
- 1970 Use of a Dipper nest by Mountain Bluebird. *Condor*, 72:498.
- 1971 Temperature relationships and nesting of the Calliope Hummingbird. *Condor*, 73(3):314-321.
- 1976 Energy crisis of the hummingbird. *Nat. Hist.*, 85(5):24-29.

Carpenter, Charles

- 1953 Aggregation behavior of tadpoles of Rana p. pretiosa. *Herpetologica*, 9:77-78.
- 1953 An ecological survey of the herpetofauna of the Grand Teton-Jackson Hole area of Wyoming. *Copeia*, 3:170-174.
- Trapping technique for aquatic salamanders. *Herpetologica*, 8:183.
- 1954 A study of amphibian movement in the Jackson Hole Wildlife Park. *Copeia*, 3:197-200.

Clark, M. L.

- 1971 Key to 22 selected flowering plants based on leaf epidermal morphology from Jackson Hole, Wyoming. *WY Range Mgmt.*, 288:52-60. (With T. W. Clark)

Clark, T. W.

- 1971 Aberrant coloration in Microtus pennsylvanicus from Grand Teton National Park, Wyoming. *Northwest. Sci.*, 45:226-228.
- 1971 Seasonal activity, habitat, reproduction and food uses of the western jumping mouse in Grand Teton National Park, Wyoming. *Northwest. Sci.*, 45:229-238.
- 1971 Ecology of the western jumping mouse in Grand Teton National Park, Wyoming. *Northwest. Sci.*, 45:229-238.
- 1973 Distribution and reproduction of shrews in Grand Teton National Park, Wyoming. *Northwest. Sci.*, 47:128-131.
- 1974 Local distribution and interspecies interactions in microtines, Grand Teton National Park, Wyoming. *Great Basin Nat.*, 33:205-217.

- 1975 Ecological note on deer mice in Grand Teton National Park, Wyoming. Northwest. Sci., 49:14-16.
- Body measurements of western jumping mice from Northwestern Wyoming. Northwest. Sci., 49:12-13.
- 1977 Agonistic behavior patterns in the Uinta ground squirrel. Northwest. Sci., 51:36-42. (With C. Russel)
- 1978 Analysis of pine marten population organization and regulatory mechanisms in Jackson Hole, Wyoming. Nat. Geogr. Soc. Res. Rpts.
- 1978 Vocalizations of the American pine marten (Martes americana). J. Mammal., 59:871-874. (With I. Belan and P. Lehner)
- 1979 Population organization and regulating mechanisms of pine martens in Grand Teton National Park, Wyoming. Proc. First Conf. Sci. Res. Nat'l. Parks, New Orleans, LA. U.S. Nat'l. Park Ser. Trans. and Proc. Series No. 5., 1:293-295.
- 1980 Short-term logging affects on rodents. Great Basin Nat., 40:133-189. (With T. M. Campbell)
- 1980 Habitat ecology of pine marten in Grand Teton National Park, Wyoming. Northwest Sci. Assoc., Univ. of Idaho, Moscow. Northwest Sci. (With T. Campbell, T. Hauptman, and J. Weaver)
- Cody, M. L.
- 1974 "Competition and the Structure of Bird Communities" Monogr. Pop. Biol. #7, pp. 318. Princeton Univ. Press, Princeton, NJ.
- 1974 Competitive release in island song sparrow populations. Theor. Pop. Biol., 5:42-58. (With R. I. Yeaton)
- 1980 Habitat selection in birds: The roles of vegetation structure, competitors, and productivity.
- Collins, Thomas C.
- 1976 Population characteristics and habitat relationships of beavers (Castor canadensis) in northwest Wyoming. PhD Thesis. Univ. of WY, Laramie, 177 pp.
- 1979 Stream flow effects on beaver populations in Grand Teton National Park. Proc. First Conf. Sci. Res. Nat'l. Parks, New Orleans, LA. U.S. Nat'l. Park Ser. Trans. and Proc. Series No. 5, 1:349-352.

Craighead, Frank C.

- 1949 Nesting Canada Geese on the Upper Snake River. J. Wildl. Mgmt., 13(1):51-64. (With John J. Craighead)
- 1950 The ecology of raptor predation. Trans. 15th No. Amer. Wildl. Conf., pp. 209-223.
- 1951 A biological and economic evaluation of coyote predation. N.Y. Zool. Soc. and the Conser. Found. July (Booklet).

Craighead, John J.

- 1952 A biological and economic appraisal of the Jackson Hole elk herd. N.Y. Zool. Soc. and the Conser. Found. Nov. (Booklet).

Cummins, George B.

- 1962 Nomenclature, life histories, and records of North American Uredinales. Madrono, 16(6):201-203. (With John W. Baxter)

Czaplewski, R. L.

- 1972 Evolution of terminal consumers in a steady state regime. M.S. Thesis, Univ. WY., 54 pp.
- 1973 Use of a BOD oxygen probe for estimating primary productivity. Limnology and Oceanography, 18(1):152-154. (With M. Parker)

Davis, M. A. and E. C. Alexander, Jr.

1986. Impact of surface development on water quality in Wind and Jewel Caves. Conf. on Science in the Nat'l. Parks, Prog. and Abstracts. Ft. Collins, CO. July 13-18. 242 pp.

Davis, Peter R.

- 1977 Cervid response to forest fire and clear cutting in southeastern Wyoming. J. of Wildl. Manage., 41(4):785-788. (Eisenhower Consortium Journal Series Paper 14)

Denniston, R. H.

- 1948 Certain aspects of the behavior of the Wyoming moose. J. CO-WY Acad. of Sci., 3(6):55.
- 1949 The development of a calf moose. J. CO-WY Acad. of Sci., 4(1):58.
- 1956 Ecology, behavior and population dynamics of the Wyoming or Rocky Mountain moose, Alces alces shiras. Zool., 41(3):105-118.

- Diem, Kenneth L.
1967 Banding studies of water birds on the Molly Islands, Yellowstone Lake, Wyoming. Yellowstone Lib. and Mus. Assoc., Yellowstone Nat'l Park., 41 pp. (With David Del Condon)
- 1979 White Pelican reproductive failures in the Molly Islands breeding colony in Yellowstone National Park. Proc. First Conf. Sci. Res. Nat'l. Parks, New Orleans, LA. Nat'l. Park Ser. Trans. and Proc. Series No. 5, 1:489-496.
- 1979 Rhyolite radionuclide uptake by selected plant species and pocket gophers in Yellowstone National Park. Proc. First Conf. Sci. Res. Nat'l. Parks, New Orleans, LA. U.S. Nat'l. Park Ser. Trans. and Proc. Series No. 5, 1:301-305. (With Garth S. Kennington)
- Diem, Kenneth L., Lenore L. Diem and William C. Lawrence
1986 A tale of dough gods, bear grease, cantalope and sucker oil. Univ. of WY-Nat'l. Park Serv. Res. Center, Laramie, WY. 95 p.
- Diem, Lenore L.
1978 The Research Center's place in history. Univ. of WY-Nat'l. Park Serv. Res. Center, Laramie, WY. 22 p.
- Dimmick, Ralph W.
1968 Canada Geese of Jackson Hole. Bull. No. 11, WY Game and Fish Comm., Cheyenne, 86 pp.
- Doser, Diane I.
1983 Seismicity of the Teton-Southern Yellowstone region, Wyoming. Bull. Seismol. Soc. Amer. 73(5):1369-1394. (With R. B. Smith)
- 1985 Source parameters and faulting processes of the 1959 Hebgen Lake, Montana, earthquake sequence. J. Geophys. Res., 90:4537-4556.
- Edwards, William C.
1964 A preliminary investigation concerning the plant ecology for the willow flats on Jackson Lake, Jackson Hole, Wyoming. Proc. 74th Ann. Meet. of the NB Acad. of Sci., pp. 6-7.
- Emlen, John T.
1952 Social behavior in nesting Cliff Swallows. Condor, 54:177-199.
- 1954 Territory, nest building, and pair formation in the Cliff Swallow. Auk, 71:16-35.

Evans, Howard E.

- 1962 The geyser-loving digger wasps of Yellowstone. *The Explorer*, Cleveland, OH, 4:6-11.
- 1963 Predatory wasps. *Sci. Amer.*, 208(4):145-154.
- 1963 The clustering wasps--and why they cluster. *Aud. Mag.*, 65(4):236-237. July-August.
- 1963 Notes on the prey and nesting behavior of some solitary wasps of Jackson Hole, Wyoming. *Entomo. News*, 74(9):233-239.
- 1964 Observations on the ethology of digger wasps of the genus Steniolia (Hymenoptera:Bembicini). *Amer. Mid. Nat.*, 72(2):257-280. (With J. E. Gillaspay)
- 1965 Simultaneous care of more than one nest by Ammophila azteca Cameron (Hymenoptera, Sphecidae). *Psyche*, 72(1):8-23.
- 1966 The comparative ethology and evolution of the sand wasps. Harvard Univ. Press, 526 pp.
- 1966 The accessory burrows of digger wasps. *Sci.*, 152(3721):465-471.
- 1966 Nests and prey of two species of Philanthus in Jackson Hole, Wyoming (Hymenoptera, Sphecidae). *Great Basin Nat.*, 26(1-2):35-40.
- 1968 The hunt of the wasps at Jackson Hole. *Nat. Hist.*, 77:38-39.
- 1970 Ecological-behavioral studies of the wasps of Jackson Hole, Wyoming. *Bull. Mus. Comp. Zool.*, 140(7):451-511.
- 1973 Further studies on the wasps of Jackson Hole, Wyoming (Hymenoptera, Aculeata). *Great Basin Nat.*, 33(3):147-155.
- 1978 Alternative mating strategies in the digger wasp Philanthus zebratus Cresson. *Proc. of the Natl. Acad. of Sci.*, 75(4):1901-1903. (With Kevin M. O'Neill)
- 1981 Parental investment, sexual dimorphism and the significance of size variation in Digger Wasps (Insecta: Hymenoptera:Sphecidae). Final report for Natl. Park Ser. Typed. 19 p. (With Kevin M. O'Neill)
- 1983 Patterns of prey use in four sympatric species of Philanthus (Hymenoptera:Sphecidae) with a review of prey selection in the genus. *J. Nat. Hist.*, 16:791-801. (With K. M. O'Neill)

- 1983 Body size and alternative mating tactics in the beewolf Philanthus zebratus (Hymenoptera:Sphecidae). Biol. J. Linnaean Soc. 20:175-184. (With K. M. O'Neill)
- Findley, James S.
- 1951 Habitat preferences of four species of Microtus in Jackson Hole, Wyoming. J. Mammal., 32(1):118-120.
- 1951 A record of moose speed. J. Mammal., 32(1):116.
- 1951 A tame red fox cub. J. Mammal., 32(1):117.
- 1954 Reproduction in two species of Myotis in Jackson Hole, Wyoming. J. Mammal., 35(3):434.
- Fisher, R. F.
- 1985 Fire and the vegetative mosaic at Devil's Tower National Monument. p. 11-24. In J. N. Long (ed.) Fire Management. Intermountain Society of American Foresters. Utah State University. Logan, UT. (With M. J. Jenkins and W. F. Fisher)
- 1987 Fire and the prairie-forest mosaic of Devil's Tower National Monument. Amer. Mid. Nat. In Press. (With M. J. Jenkins and W. F. Fisher)
- Flack, J. A. Douglas
- 1970 Bird populations of aspen forests in Western North America. Univ. of Wisconsin. (Abstract, Ph.D. Thesis)
- 1976 Bird populations of aspen forests in Western North America. Amer. Ornith. Union Monogr. No. 19 viii + 97 pp., frontis., 56 text figures, appendix.
- Forde, Jon H.
- 1983 The effect of fire on bird and small mammal communities in the grasslands of Wind Cave National Park. M.S. Thesis, Michigan Tech Univ. Houghton, MI. 140 p.
- 1984 Comparison of avian survival rates derived from three methods. N. Amer. Bird Bander, 9(1):5-7. (With N. F. Sloan)
- 1985 Grassland habitat management using prescribed burning in Wind Cave Nat'l. Park, SD. Prairie Nat., 16(3):97-110. (With Norman F. Sloan)
- Franklin, William L.
- 1985 Application of freeze-marking to wildlife in the field: Prairie dogs. IA State J. of Res., 60(1):71-75. (With Ahmad abdu-Nabi El-Absy)

French, Norman R.

- 1955 Foraging behavior and predation by Clark Nutcracker. *Condor*, 57(1):61-62.
- 1959 Life history of the Black Rosy Finch. *Auk*, 76(2):159-180.
- 1959 Distribution and migration of the Black Rosy Finch. *Condor*, 61(1):18-29.
- 1965 Rosy Finches of the high Rockies, pp. 422-432. In O.S. Pettingill, Jr. (editor) *The Bird Watcher's America*. McGraw Hill Book Co., Inc., NY. (With J. B. French)
- 1968 Leucosticte atrata Ridgeway, Black Rosy Finch, p. 365-372. In: O. L. Austin, Jr. (ed.), *Life Histories of North American Cardinals, Grosbeaks, Buntings, Towhees, Finches, Sparrows, and Allies*. Smithsonian Inst. Bull. No. 237.

Garrett, Monte G.

- 1982 Demographic differences between an old and a new colony of Black-tailed Prairie Dogs. *Amer. Mid. Nat.*, pp. 51-59. (With John L. Hoogland and William L. Franklin)
- 1983 Diethylstilbestrol as a temporary chemosterilant to control Black-tailed Prairie Dog populations. *J. of Range Mgmt.* pp. 753-756. (With William L. Franklin)

Gartner, Robert

- 1974 Use of fire in vegetation management. *Proceedings: 26th Ann. Meet., For. Comm., Great Plains Agri. Council*. Sioux Falls, SD. 7 pp. (With E. M. White)
- 1975 Prescribed burning research in grasslands at Wind Cave National Park, SD. *Abstr., Grasslands - Wildlife Workshop*, sponsored by Central Mtns. & Plains Section of the Wildl. Soc. and Kans.-Okla. Section Soc. for Range Manage., Rock Springs Ranch, Junction City, KS. (With L. R. Roath and A. L. Lovaas)
- 1976 Advantages and disadvantages of prescribed burning. *Symposium Proc. Use of prescribed burning in western woodland and range ecosystems*. Utah Agr. Exp. Sta., Utah State Univ. pp. 11-15. (With L. R. Roath and E. M. White)
- 1977 Resources of the North American prairie. *Abst. of Papers, Proc. Rangeland Management and Fire Symp. Rocky Mtn. Fire Council & Intermtn. Fire Research Council*, Nov. 1-3, 1977, Casper, WY.

- 1978 Resources of the North American Prairie. Proc. 1977 Rangeland Mgmt. and Fire Symp. Mont. For. and Conserv. Exp. Sta., Univ. of MT Sch. of For., pp. 6-12.
- 1978 The Black Hills: physical description and history of fire. Prepared for SCS National Workshop range tour, Rapid City, SD. 13 p. (mimeo)
- 1979 Effect of prescribed burning at different fuel moisture levels on grasslands in Wind Cave National Park. U.W.-N.P.S. Res. Center Third Ann. Report. pp. 148-151. (With E. M. White and L. L. Worcester)
- 1979 History and ecological impact of fire in Northern Great Plains grasslands. Prepared for "Prairie Prescribed Burning Workshop", Pierre, SD, Apr. 3-5, 1979. 18 p. (mimeo)
- 1979a History of fire and potential for prescribed burning in the Black Hills area. 7 p. (mimeo)
- 1982 Fire as a tool in resource management. Prepared for Natl Park Serv. Res. Management Workshop, Devils Tower, WY Apr. 6, 1982. 9 p. (mimeo)
- 1982 Prescribed fire effects in a cool season plant community, Wind Cave Natl Park, SD. Abstr. 35th Ann. Mtg., Soc. for Range Manage., Calgary, Alberta, Canada. p. 34. (With J. R. Lindsey)
- 1983 Historical role of fire in the Northern Great Plains and its use in management. Abstr. of Papers, 1983 Ann. Mtg. Ecolog. Soc. of Amer. and A.I.B.S., Bull. of Ecolog. Soc. of Amer. Summer Issue, P. 110. (With E. M. White)
- 1984 Vegetation responses to spring burning in western SD. Abstr. of Contributed Papers, Ninth No. Amer. Prairie Conf. "The Prairie: Past, Present, and Future". July 29-Aug. 1, 1984. Moorhead, MN. p. 22.
- 1986 Fire in the Northern Great Plains and its use in mangement. In: E.V. Komarek (Covenor). Proc. Symp. Pres. Fire and Smoke Manage. 39th Ann. Meet. Soc. for Range Manage., Feb. 13, 1986, Kissimmee, FL. pp. 13-21. (With E. M. White)
- 1986 Vegetation responses to spring burning in western SD. In: G.K. Clambey, W.C. Whitman, and R.H. Pemble (eds). Proc. Ninth No. Amer. Prairie Conf., Moorhead, MN. pp. 143-146. (With J. R. Lindsey and E. M. White)

- 1987 Responses of Black Hills area vegetation to fire at different seasons. Invited presentation, "Managing Fire Effects" Shortcourse, sponsored by Natl. Park Serv., Wind Cave Nat'l Park, Mar. 23-27, 1987, Rapid City, SD.
- Gilligan, James P.
1954 Wildlife values in western wilderness area management. J. Wildl. Mgmt., 18(4).
- Gould, Edwin
1964 Evidence for echolocation in shrews. J. Exp. Zool., 156(1):19-38. (With Norman C. Negus and Alvin Norvick)
- Gourley, R. S.
1975 Pine and montane vole age estimates from eye lens weights. J. Wildl. Manage., 39:550-556. (With F. J. Jannett, Jr.)
- Haines, John H. and Kent H. McKnight
1977 Notes on two American Hyoloscypheae on Aspen. Mycotaxon 5(2):423-431.
- Hansen, Paul L.
1980 The vegetation of Theodore Roosevelt National Park, North Dakota: a habitat type classification. Final report to Natl. Park Serv. Mimeo. 79 p. (With George R. Hoffman and Ardell J. Bugstad)

1980 An ecological study of Theodore Roosevelt National Park; habitat types and their animal components. Final report to the Natl. Park Serv. Mimeo. 182 p.

1984 The vegetation of Theodore Roosevelt National Park, ND: A habitat type classification. USDA For. Serv. Gen. Tech. Report RM-113, 35 p. (With George R. Hoffman and Ardell J. Bugstad)
- Hasfurther, Victor R.
1978 Operation and design of evapotranspiration waste disposal systems. Eisenhower Consortium Bull. 6, 21 p. Rky Mtn For. and Range Exp. Sta., For. Serv., USDA. Fort Collins, CO.
- Hoffman, George R.
1987 Forest vegetation of the Black Hills National Forest of South Dakota and Wyoming: A habitat type classification. USDA For. Serv. Res. Paper RM-276. (With Robert R. Alexander)
- Houston, Douglas B.
1968 The Shiras Moose in Jackson Hole, Wyoming. Grand Teton Nat. Hist. Assoc. Tech. Bull. #1., 110 pp.

- 1969 Immobilization of the Shiras Moose. J. Wildl. Mgmt., 33(3):534-537.
- 1987 Willow-moose relationships in Grand Teton National Park: a continuing evaluation. Tech. Rept. Natl Park Serv.
- Huckabee, John W.
- 1965 Waterfowl population study in Jackson Hole, Wyoming. M.S. Thesis, Univ. of WY, Laramie. 54 p.
- 1972 Environmental influence on trace elements in hair of 15 species of mammals. Oak Ridge Natl Lab., ORNL-TM-3747., 38 pp. (With Frederick O. Cartan and Garth S. Kennington)
- Jacobi, Gerald Z.
- 1979 Ecological comparisons of stream sections with and without fish populations, Yellowstone National Park. Final Rept. for U.W.-N.P.S. Res. Center. Mimeo. 20 p.
- Jannett, F. J., Jr.
- 1974 Drum-marking by Arvicola richardsoni and its taxonomic significance. Amer. Mid. Nat., 92:230-234. (With J. Z. Jannett)
- 1975 The "hip glands" of Microtus pennsylvanicus and M. longicaudus (Rodentia: Muridae), voles "without" hip glands. Syst. Zool., 24:171-175.
- 1975 Pine and montane vole age estimates from eye lens weight. J. Wildl. Manage., 39:550-556.
- 1978 The density-dependent formation of extended maternal families of the montane vole, Microtus montanus nanus. Behav. Ecol. and Sociobiol., 3:245-263.
- 1978 Dosage response of the vesicular, preputial, anal, and hip glands of the male vole, Microtus montanus (Rodentia: Muridae), to testosterone propionate. J. Mammal., 59:772-779.
- 1979 Experimental laboratory studies of the interactions of sympatric voles (Microtinae). Amer. Zool., 19:966. (Abstract)
- 1979 Notes on reproduction in captive Arvicola richardsoni. J. Mammal., 60:837-838. (With J. Z. Jannett and M. E. Richmond)
- 1980 Social dynamics of the montane vole, Microtus montanus as a paradigm. Biol., 62:3-19.

- 1980 Variations in the bond between sexes in the montane vole, Microtus montanus, in field populations. Amer. Zool., 20:827. (Abstract)
- 1981 Male-induced abortion in various microtine rodents. J. Mammal., 62:369-372. (With R. A. Stehn)
- 1981 Convergent evolution in the behavior of a shrew and a rodent. J. Mammal., 45:473-481.
- 1981 Albinism and its inheritance in populations of the montane vole. J. Heredity, 72:144-146.
- 1981 Scent mediation of intraspecific, interspecific, and intergeneric agonistic behavior among sympatric species of voles (Microtinae). Behav. Ecol. and Sociobiol., 8:293-296.
- 1981 Sex ratios in high-density populations of the montane vole, Microtus montanus, and the behavior of territorial males. Behav. Ecol. and Sociobiol., 8:297-307.
- 1981 Scent marking in native small mammals. Amer. Zool., 21:947. (Abstract)
- 1982 Nesting patterns of adult voles, Microtus montanus, in field populations. J. Mammal., 63:495-498.
- 1982 Male-induced estrus in the longtail vole (Microtus longicaudus) and the sagebrush vole (Lagurus curtatus). Amer. Zool., 22:932. (Abstract)
- 1983 Social stimulation of fall breeding in the montane vole, Microtus montanus. Amer. Zool., 23:935. (Abstract)
- 1984 Reproduction of the montane vole, Microtus montanus, in subnivean populations. Special Publ. Carnegie Mus. Nat. Hist., 10:215-224.
- 1984 Sex ratios and late fall breeding in the montane vole, Microtus montanus. Amer. Zool., 24:3A. (Abstract)
- 1986 Morphometric patterns among microtine rodents. I. Relative scent gland development in representative voles (Microtus). In, Chemical Signals in Vertebrates, Vol. IV: Evolution, and Comparative Biology, D. Duvall, D. Müller-Schwarze and R. M. Silverstein, eds., Plenum Press. New York.

Jenkins, M. J.

- 1985 Fire management at Devils Tower National Monument. p. 25-30. In J. N. Long (ed.) Fire Manage. Intermtn. Soc. of Amer. For. Utah State Univ. Logan, UT. (With R. F. Fisher)

John, Kenneth R.

1957 Comparative rates of survival of normal and deformed chub, Gila atraria Girard, in Two Ocean Lake, Teton County, Wyoming. Proc. Pa. Acad. of Sci., 31:77-82.

1959 Ecology of the chub, Gila atraria with special emphasis on vertebral curvatures in Two Ocean Lake, Teton National Park, Wyoming. Ecol., 40(4):564-571.

Jones, Webster B.

1965 Response of major plant species to elk and cattle grazing in Northwestern Wyoming. J. Range Manage., 18(4):218-220.

Keiter, Robert B.

1985 On protecting the National Parks from the External Threats Dilemma. Land and Water Law Rev., 355.

1986 Legal considerations in challenging external threats to Glacier National Park. Envir. Manage., 11(1):121-126. (With Wayne Hubert)

Kennington, Garth S.

1957 Influence of altitude and temperature upon rate of oxygen consumption of Tribolium confusum Duval and Camponotus pennsylvanicus moduc Wheeler. Physiol. Zool, 39(4):305-314.

1961 The influence of temperature and atmospheric pressure on the rate of oxygen uptake in Tribolium confusum. Ecol. 42(1):212-215.

Kingston, Newton

1980 Diphyllbothrium Cordecips: A tapeworm problem in Yellowstone Lake fishes. New investigation into life cycle. Proc. 2nd Conf. of Sci. Res. in Natl. Parks. 2:141-162. (With K. L. Diem and D. Mitchum)

Knapp, Alan K.

1981 Water relations and succession in subalpine conifers in southeastern Wyoming. Univ. of Chicago Bot. Gaz. 142(4):502-511. (With William K. Smith)

Knight, D. H.

1987 Parasites, lightning, and the vegetation mosaic in wilderness landscapes. M. G. Turner (editor). Disturbance and landscape heterogeneity. Springer-Verlag, NY. (In press)

Kroger, Richard L.

1970 An annotated list of stream invertebrates collected from Grand Teton National Park, Wyoming. Univ. of WY Publ., 36(1):1-14. July 15.

Lageson, D. R.

- 1987 Laramide uplift of the Gros Ventre Range and implications for the origin of the Teton Fault, Wyoming. WY Geol. Asso. Guidebook. P. 79-90.

Laycock, William

- 1953 Ecological notes on the pocket gopher in Wyoming. J. CO-WY Acad. of Sci., 4(5):41.
- 1957 Seasonal periods of surface inactivity of the pocket gopher. J. Mammal., 38(1):132-133.
- 1958 The initial pattern of revegetation of pocket gopher mounds. Ecol., 39(2):346-351.

Levi, Herbert W.

- 1951 Report on a collection of spiders and harvestment from Wyoming and neighboring states. Zool., 36(LV):219-237. (With Lorna R. Levi)

Lichtwardt, Robert W.

- 1967 Zygosporeres and sport appendages of Harpella (Trichomycetes) from larvae of Simuliidae. Mycologia, 59(3):482-491.
- 1972 Undescribed genera and species of Harpellales (Trichomycetes) from the guts of aquatic insects. Mycologia, 64(1):167-197.

Lichvar, R. W.

- 1985 Checklist of vascular plants for the Bighorn Canyon National Recreation Area, Wyoming and Montana. Great Basin Nat., 45:734-746. (With E. I. Collins and D. H. Knight)

Loudenslager, E. J.

- 1979 Karyotypic and evolutionary relationships of the Yellowstone (Salmo clarki bouvieri) and the westslope (S. c lewisi) cutthroat trout. J. Fish. Res. Bd. Canada, 36:360-365. (With G. H. Thorgaard)
- 1979 Genetic similarity between two forms of cutthroat trout, Salmo clarki, in Wyoming. Copeia, 1979:673-678. (With R. M. Kitchen)
- 1980 Geographic patterns of protein variation and subspeciation in cutthroat trout, Salmo clarki. Syst. Zool., 29:27-42. (With G. A. E. Gall)

Lowrie, Donald C.

- 1955 A list of the spiders of the Grand Teton Park area, with descriptions of some new North American spiders. Amer. Mus. Novit., No. 1736:1-29. (With Willis J. Gertsch)

- 1967 Some life history data on several species of common spiders from the Jackson Hole area of Wyoming. Bull. So. CA. Acad. of Sci., 66(2):142-146.
- 1968 The spiders of the herbaceous stratum of Jackson Hole region of Wyoming. Northwest Sci., 42(3):89-100.
- Lynch, J. C.
1979 Genetic variability and divergence in grayling, Thymallus arcticus. Genetics, 92:263-278. (With E. R. Vyse)
- MacLeod, Ellis G.
1971 Studies on the biology of the Chrysopidae. II. The feeding behavior of the adult of Chrysopa carnea (Neuroptera). Psyche, 78(1-2):107-121. (With Joseph K. Sheldon)
- Magee, Michael J.
1982 Utilizing microcomputers in Glacier National Park. Final Rept. for the U.W.-N.P.S. Res. Center. Mimeo. 4lp.
- Marshall, Kent G.
1979 An indexed and annotated bibliography on the ecology of Grand Teton National Park. U.W.-N.P.S. Res. Center, Moran, WY. (With Dennis H. Knight and William J. Barmore)
- McFeters, G. A.
1976 Impact of horses on the bacterial water quality of Cottonwood Creek Grand Teton National Park. (With Sidney A. Stuart)
- 1978 Growth of heterotrophic bacteria and extracellular products in oligotrophic waters. Appl. Environ. Microbiol., 35:383-391. (With S. A. Stuart and S. B. Olson)
- 1978 Interactions of algae and heterotrophic bacteria in an oligotrophic stream. Proc. Life Sci. Microbiol. Ecol. M. W. Loutit & J. A. R. Miles (eds), pp. 57-61. Springer Verlag, NY.
- McGee, John M.
1982 Small mammal populations in an unburned and early fire successional sagebrush community. J. Range Manage., 35:177-180.
- McHugh, Tom
1958 Social behavior of the American buffalo Bison bison bison. Zool., 43, Pt. 1(1):1-40.
- McKnight, Kent H.
1969 A note on Discina. Mycologia, 61(3):614-630.

- 1971 On two species of false morels (Gyromitra) in Utah. Great Basin Nat., 31(2):35-47.
- 1972 Two misunderstood species of Gyromitra (False Morel) in North America. MI. Botanist 12:35-47.
- 1974 Scanning electron microscopy in taxonomy of Gryromitroid fungi. MI. Botanist 13:51-64. (With L. R. Batra)
- 1975 A new species of Cortinarius (Telamonia) from the Rocky Mountains. In: Studies on Higher Fungi. A collection of papers dedicated to Dr. Alexander H. Smith on the occasion of his seventieth birthday. Edited by H. E. Bigelow and H. D. Thiers. J. Cramer. Royal octavo, VI 177-182 + illus.
- 1976 On Lachnella populicola Seaver. Mycologia 68:1129-1132.
- 1979 A new Peziza from the snowbank flora of Western America. Beihefte Zur Sydowia, Annalec Mycologicio., Ser. II. 224-227. (With Mary V. Dublin)
- 1982 Check-list of mushrooms and other fungi of Grand Teton and Yellowstone National Parks. Grand Teton Lib. and Mus. Assoc., U.W.-N.P.S. Res. Center and Yellowstone Lib. and Mus. Assoc., Laramie, WY. 21 pp.
- McKnight, K. H. and V. B. McKnight
1987 Field guide to the mushrooms of North America. Houghton Mifflin Co., Boston. 429 p.
- Merrifield, John
1982 Analysis of the long term impacts and benefits of Grand Teton National Park on the economy of Teton County, Wyoming. Final report for the U.W.-N.P.S. Res. Center. Mimeo. 64 p. (With Shelby Gerking)
- 1983 Using analog regions to assess the economic impact of federal land management policies. Prof. Geog., 35(3):299-302.
- Miller, Dwight D.
1955 A study of sex combs in Drosophila affinis and Drosophila athabasca. Trans. of the Amer. Microscop. Soc., 74(2):191-197.
- Nakamura, Mitsuru
1950 A survey of Pasteurella tularensis infection in the animals of the Jackson Hole area. Zoologica, 35(11):129-131.
- Negus, Norman C.
1950 Breeding of three-year-old females in the Jackson Hole Wildlife Park buffalo herd. J. Mammal., 31(4):463.

- 1950 Fluctuation in the population of Neotoma cineria (woodrat) in Jackson Hole, Wyoming. *J. Mammal.*, 31(2):196-197.
- 1950 Habitat adaptability of Peromyscus in Wyoming. *J. Mammal.*, 31(3):351.
- 1959 Mammals of Jackson Hole, Wyoming. *J. Mammal.*, 40(3):371-381. (With James S. Findley)
- 1971 Pineal weight response to a dietary variable. *Experientia*, 27(2):215-216. (With Patricia J. Berger)
- 1971 Activity rhythms in Microtus montanus: the role of the pineal gland. Submitted to *J. of Exper. Zool.* (With Patricia J. Berger)
- 1971 The dynamics of Microtus montanus populations in Jackson Hole, Wyoming from 1960-1970. (With Patricia J. Berger)
- 1977 Reproductive strategy of Microtus montanus. *J. Mammal.* 58:347-353.
- 1986 Microtine population dynamics in a predictable environment. *Canad. J. Zool.* 64:785-792. (With P. J. Berger and B. W. Brown)
- 1987 Mammalian reproductive physiology: adaptive responses to changing environments. In: *Current Mammalogy*, H. Genoways, ed., Plenum Press, Chap. 5:149-173. (With P. J. Berger)
- 1987 Cohort analysis: environmental cues and "diapause" in microtine rodents. In: *Symp. on Pop. Biol. and Life Hist. Evol.*, M. Boyce (Ed.), Yale Univ. Press (in press).
- Noble, Glenn A.
- 1953 An intestinal amoeba from the prong-horned antelope. *Trans. of the Amer. Microscop. Soc.*, 72(3):249-252.
- 1958 Coprozoic protozoa from Wyoming mammals. *J. Protozool.*, 5(1):69-74.
- 1961 Stress and parasitism. I. A preliminary investigation of the effects of stress on ground squirrels and their parasites. *Exper. Parasit.*, 11(1):63-67.
- 1962 Stress and parasitism. II. Effect of crowding and fighting among ground squirrels on their coccidia and trichomonads. *Exper. Parasit.*, 12(5):368-371.

- 1966 Stress and parasitism. III. Reduced night temperature and the effect on pinworms of ground squirrels. *Exper. Parasit.*, 18(1):61-62.
- 1966 Stress and parasitism. IV. Cold stress and Entamoeba. *Exper. Parasit.*, 19(3):264-268.
- Norland, J. E.
Bison foraging behavior: Implications for grazing management in the Northern Plains. *J. Range Manage.* In Review. (With C. B. Marlow and L. R. Irby)
- 1984 Use of wooded draws by free-roaming bison. In: Bjugstad, A. (ed.). *Symposium on Wooded Draws: Characteristics and values of the Northern Great Plains.* SD School of Mines and Technology, Rapid City, SD. (With C. B. Marlow)
- 1985 Determination of optimum bison stocking rate in Theodore Roosevelt National Park, North Dakota. *J. Environ. Manage.*, 21:225-239. (With L. R. Irby and C. B. Marlow)
- Norse E. A.
1986 Conserving biological diversity in our national forests. *Wilderness Soc.*, Wash., D.C. 116 pp. (With W. H. Romme, K. L. Resenbaum, D. S. Wilcox, B. A. Wilcox, D. W. Johnston and M. L. Stout)
- O'Neill, K. M.
1983 The significance of body size in territorial interactions of male bees (Hymenoptera: Sphecidae, Philanthus). *Ani. Behavior* 31:404-411.
- Patterson, Robert L.
1952 *Sage Grouse in Wyoming.* Sage Books, Denver, CO.
- Pinter, Aelita J.
1965 Effects of nutrition and photoperiod on reproductive physiology of Microtus montanus. *Amer. J. Physiol.*, 280:633-638. (With N. C. Negus)
- 1965 Litter sizes of Microtus montanus in the laboratory. *J. Mammal.*, 46:434-437. (With N. C. Negus)
- 1966 Responses of Microtus montanus to plants and plant extracts in the diet. *J. Mammal.*, 46:596-601. (With N. C. Negus)
- 1968 Effects of diet and light on growth, maturation and adrenal size of Microtus montanus. *Amer. J. Physiol.*, 215:461-466.
- 1968 Hair growth responses to nutrition and photoperiod in the vole, Microtus montanus. *Amer. J. Physiol.*, 215:828-832.

- 1970 Hereditary hairlessness in the montane vole, Microtus montanus. J. Heredity, 61:112-114. (With A. K. McLean)
- 1971 Coat color mutations in two species of the vole, (Microtus montanus and Microtus ochrogaster) in the laboratory. J. Mammal., 52:196-199. (With N. C. Negus)
- 1972 A new naturally occurring dominant mutation in Microtus montanus from Jackson Hole, Wyoming. Ann. Meet. Amer. Soc. of Mammal., Tampa, FL. (Abstract)
- 1973 Pink-eyed dilution in a natural population of the Uinta ground squirrel. J. Heredity, 64(2):106.
- 1974 Some aspects of population dynamics in the montane vole, Microtus montanus (Rodentia). First Int'l. Theriol. Cong., Moscow, USSR. (Abstract)
- 1975 The weight of the spleen adrenals and gonads during a chronic Trypanosoma brucei gambiense infection in laboratory-reared Microtus montanus. Amer. Mid. Nat., 96:379-390. (With J. R. Seed, P. U. Ashman, S. Ackerman and L. King)
- 1976 Reproductive responses as a factor in the population dynamics of small mammals. In: Symp. on the Ecol. Aspects of Reprod. of Mammals. 56th Ann. Meet. Amer. Soc. of Mammal., Lubbock, TX. (Abstract)
- 1978 Comparison of organ weights of wild and laboratory-reared Microtus montanus infected with Trypanosoma brucei gambiense. Amer. Mid. Nat. 100:126-134. (With J. R. Seed, P. U. Ashman, S. Ackerman and L. King)
- 1979 Population dynamics of Microtus montanus, over nine years. Second Int'l. Theriol. Cong., Brno., Czechoslovakia. (Abstract)
- 1979 Environmental variables and multiannual cycles in population density of the montane vole, Microtus montanus, in Grand Teton National Park - a preliminary report. Proc. First Conf. Sci. Res. Nat'l. Parks, New Orleans, LA. U.S. Nat'l. Park Ser. Trans. and Proc. Series No. 5, 1:279-285.
- 1979 Erroneous report of extreme dilution (c^e) in Microtus pennsylvanicus. J. Heredity, 70:213-214.
- 1979 Dominant spotting from a natural population of the vole, Microtus montanus. J. Heredity, 70:441-443.

- 1982 Cyclic fluctuations of Microtus montanus over twelve years: environmental variables and reproductive responses. In: Symp. on Recent Advances in Microtine Cycle Research, Third Intl. Theriol. Cong., Helsinki, Finland. (Invited Paper)
- 1983 Effects of photoperiod, temperature and orchidectomy on the brown adipose tissue of the montane vole, Microtus montanus. 63rd Ann. Meet. of the Amer. Soc. Mammal., Gainesville, FL. (With S. V. Harbin)
- 1984 Responses of Microtus montanus to night break. 64th Ann. Meet. of the Amer. Soc. Mammal., Arcata, CA. (With R. K. Wicker)
- 1984 Effects of photoperiod, temperature and orchidectomy on the adrenals and brown adipose tissue in Microtus montanus. 64th Ann. Meet. of the Amer. Soc. Mammal., Arcata, CA. (With S. V. Harbin)
- 1985 Effects of orchidectomy, photoperiod and temperature on body size and brown adipose tissue in Microtus montanus. 65th Ann. Meet. of the Amer. Soc. Mammal., Orono, ME. (With S. V. Harbin)
- 1985 Litter size in the montane vole, Microtus montanus: An accurate presager of population dynamics in the ensuing year. In: Symp. on Pop. Biol. and Life Hist. Evol., Fourth Intl. Theriol. Cong., Edmonton, Canada. (Invited Paper)
- 1986 Population cycles in the montane vole, Microtus montanus: A reflection of environmental variables? 66th Ann. Meet. of the Amer. Soc. Mammal., Madison, WI, 15-19 June.
- 1986 Population dynamics and litter size of the montane vole, Microtus montanus. Can. J. Zool., 64:1487-1490.
- 1987 Giardia duodenalis in the montane vole, Microtus montanus, from Grand Teton National Park. J. of Parasit. In Press. (With W. D. O'Dell and R. A. Watkins)
- 1987 Multiannual fluctuations in precipitation and population dynamics of the montane vole, Microtus montanus. Can. J. Zool., accepted for publication pending revision.

Pontius, R. A.

- 1972 Studies on the uptake of nitrate and ammonium by phytoplankton. M.S. Thesis, Univ. of WY. 124 pp.

Pontius, R. W.

- 1973 Food habits of the mountain whitefish, Prosopium williamsoni (Girard). Tran. Amer. Fish. Soc. 102(4):764-773 (With M. Parker)

Rausch, Robert

- 1949 Paradilepsis simoni. n. sp., a cestode parasitic on the osprey. Zool., 34(1).
- 1949 A contribution to the study of North American cestodes of the genus Paruterina Fahrmann, 1906. Zool., 34(1). (With Everett Schiller)

Reed, John F.

- 1948 Botanical investigations in the Jackson Hole Wildlife Park. J. CO-WY Acad. of Sci., 3(6):40.
- 1950 The meadows of the Jackson Hole Wildlife Park. J. CO-WY Acad. of Sci., 4(2):53.
- 1952 The vegetation of the Jackson Hole Wildlife Park, Wyoming. Amer. Mid. Nat., 48(3):700-729.

Romme, William H.

- 1979 Fire and landscape diversity in Yellowstone National Park. Bull. Ecol. Soc. Amer., 60(2):102. (Abstract) (With Dennis H. Knight)
- 1979 Fire and landscape diversity in Yellowstone National Park. Proc. 2nd Conf. on Sci. Res. in the Natl. Parks, San Francisco, CA. p. 287. (Abstract) (With Dennis H. Knight)
- 1980 Fire history terminology: report of the AdHoc Committee. Proc. Fire History Workshop. Rocky Mtn. For. and Range Exp. Sta., Fort Collins, CO. Gen. Tech. Rept. RM-81. pp. 135-137. (With Dennis H. Knight)
- 1981 Fire frequency in subalpine forests of Yellowstone National Park. Proc. Fire History Workshop. Rocky Mtn. For. and Range Exp. Sta., Fort Collins, CO. Gen. Tech. Rept. RM-810. pp. 27-30. (With Dennis H. Knight)
- 1981 Fire frequency and subalpine forest succession along a topographic gradient in Wyoming. Ecol., 62:319-326. (With Dennis H. Knight)
- 1982 Landscape diversity: the concept and applied to Yellowstone Park. Bio-Sci., 32:664-670. (With Dennis H. Knight)

- 1982 Fire and landscape diversity in subalpine forests of Yellowstone National Park. *Ecol. Monog.*, 52:199-221. (With Dennis H. Knight)
- 1982 Tree growth and basal area increment after mountain pine beetle outbreaks in lodgepole pine forest, Yellowstone National Park. *Bull. Ecol. Soc. Amer.* 63(2):172. (Abstract) (With D. H. Knight and J. B. Yavitt)
- 1983 Natural disturbance and landscape pattern in Yellowstone National Park. *Bull. Ecol. Soc. Amer.* 64(2):85. (Abstract) (With D. H. Knight)
- 1983 Mountain pine beetles: regulators of primary productivity? *J. of the CO-WY Acad. of Sci.*, 15(1):28. (Abstract) (With D. H. Knight and J. B. Yavitt)
- 1986 Mountain pine beetle outbreaks in the Rocky Mountains: regulators of primary productivity? *Amer. Nat.*, 127(4):484-494. (With D. H. Knight and J. B. Yavitt)
- 1986 Mountain pine beetle outbreaks in the Rocky Mountains: effects on fuels and fire in lodgepole pine forest. *Prog. of the IV Intl. Cong. of Ecol.*, Syracuse, NY, August 10-16. (With D. H. Knight and J. Fedders)
- 1986 Conserving biological diversity in our national forest. *The Wilderness Soc.*, Wash. D.C. 116 pp. (With E. A. Norse, K. L. Rosenbaum, D. S. Wilcox, B. A. Wilcox, D. W. Johnston and M. L. Stout)
- Roofe, Paul G.
- 1960 The rate of flow of blood through capillaries in the olfactory lobe of the brain of Amblystoma tigrinum. *Anat. Rec.*, 138(2):159-162.
- 1961 Blood constituents of Amblystoma tigrinum. *Anat. Rec.*, 140(4):337-340.
- 1961 Weights and linear measurements of the body and of some organs of the tiger salamander. *Anat. Rec.*, 141(1):35-44. (With Homer B. Latimer and Lilly S. Feng)
- 1964 Weights and linear measurements of the body and organs of the tiger salamander, before and after metamorphosis, compared with the adult. *Anat. Rec.*, 148(2):139-147.
- Sabinske, Darold W.
- 1978 Variation within the sagebrush vegetation of Grand Teton National Park, Wyoming. *Northwest Sci.*, 52:195-204. (With Dennis H. Knight)

Sakaluk, Scott K.

- 1987 Mating and its effect on acoustic signalling behaviour in a primitive orthopteran, Cyphoderris strepitans (Haglidae): the cost of feeding females. *Behav. Ecol. and Soc.*, 21:172-178. (With Glenn K. Morris and W. Andrew Snedden)

Salt, George W.

- 1957 An analysis of avifaunas in the Teton Mountains and Jackson Hole, Wyoming. *Condor*, 59(6):373-393.

Sauer, J. R.

- 1983 Density dependence and survival of elk in northwestern Wyoming. *J. Wildl. Manage.*, 47(1):31-37. (With M. S. Boyce)

Sax, Joseph L.

- 1987 Glacier National Park and its neighbors: A study of federal interagency relations. *Ecol. Law Quarterly*, 14:207-263. (With Robert B. Keiter)

Schaller, G. B.

- 1964 Breeding behavior of the White Pelican at Yellowstone Lake, Wyoming. *Condor*, 66(1):3-23.

Scherba, Gerald

- 1961 Nest structure and reproduction in the mound-building ant Formica opaciventris Emery in Wyoming. *J. of the NY Ent. Soc.*, 69:71-87.

- 1963 Population characteristics among colonies of the ant Formica opaciventris (Hymenoptera:Formicidae). *J. of the NY Ent. Soc.*, 71:219-232.

- 1964 Analysis of inter-nest movement by workers of the ant Formica opaciventris (Hymenoptera:Formicidae). *Ani. Behav.*, 12(4):508-512.

- 1964 Species replacement as a factor affecting distribution of Formica opaciventris Emery (Hymenoptera:Formicidae). *J. of the NY Ent. Soc.*, 72:231-237.

- 1964 An analysis of inter-nest movement by workers of the ant, Formica opaciventris. *Amer. Zool.*, 4(3):162.

- 1965 Observations on Microtus nesting in ant mounds. *Psyche*, 72(2):127-132.

Schripsema, J. R.

- 1977 Ecological changes on pine-grassland burned in spring, late spring and winter. M.S. Thesis, SD State Univ., Brookings. 99 pp.

Scogin, R.

- 1987 Floral anthocyanins of the genus Penstemon: Correlations with taxonomy and pollinators. Biochem. Syst. and Ecol. 15(3):355-360. (With C. E. Freeman)

Shown, Douglas A.

- 1982 The effects of prescribed burning on bird and small mammal communities in the grasslands of Wind Cave National Park. M.S. Thesis, MI Tech Univ., Houghton. 94 p.

Shuey, R. T.

- 1977 Magnetic properties and secular variation in cores from Yellowstone and Jackson Lakes, Wyoming; J. of Geophysical Research, 82:3739-3746. (With R. O. Uglund and C. R. Schmit)

Simon, James R.

- 1950 The American elk or wapiti. Wildl. Ser. No. 1, Jackson Hole Wildlife Park.
- 1951 The Wyoming or Yellowstone Moose. Wildl. Ser. No. 2, Jackson Hole Wildl. Park.

Smith, Dixie R.

- 1959 Changes in interspecific associations as related to grazing pressures. J. Range Manage., 12(6):309-311.
- 1960 Description and response to elk use of two mesic grassland and shrub communities in the Jackson Hole region of Wyoming. Northwest Sci., 34(1):25-36.
- 1961 Competition between cattle and game on elk winter range. WY Ag. Exp. Sta. Bull. 377. 16 pp.

Smith, R. B.

- 1976 Seismicity and the possibility of earthquake related landslides in the Teton-Gros Ventre-Jackson Hole area, Wyoming. Contrib. to WY Geol. 14(2):57-64. Reprinted in Rocky Mtn. Thrust Belt Geol. and Res., p. 603-610. (With J. R. Pelton and J. D. Love)
- 1977 Yellowstone hot spot: contemporary tectonics and crustal properties from earthquake and aeromagnetic data. J. Geophys. Res. 82(26):3665-3676. (With R. T. Shuey, J. R. Pelton and J. P. Bailey)
- 1980 Yellowstone Park as a window on the earth's interior. Sc. Amer. Feb. pp. 104-117. (With Ricky B. Hopkins and George R. Hoffman)

- 1980 Contemporary tectonics and seismicity of the Teton and southern Yellowstone fault systems - Phase I; U.W.-N.P.S. Res. Center Fourth Annual Rept. p. 73-78. (With D. I. Doser)
- 1982 Crustal structure and evolution of an explosive silicic volcanic system at Yellowstone National Park. Thirty-third Ann. Field Conf. - 1982 Geol. Assoc. Guidebook, p. 233-250. (With D. I. Doser)
- 1982 Seismicity of the Teton and southern Yellowstone fault systems; U.W.-N.P.S. Res. Center Fifth Ann. Rept.
- Solheim, W. G.
- 1960 Mycoflora Saximontanensis Exsiccata. Centum XI and XII. Univ. WY Publ., 24(3 & 4):22-33; 34-55.
- 1970 Mycoflora Saximontanensis Exsiccata. Centum XIV. Univ. WY Publ., 36(4):51-67.
- 1970 Mycoflora Saximontanensis Exsiccata. Centum XIII. Univ. WY Publ., 36(3):37-50. (With George B. Cummins)
- 1970 Mycoflora Saximontanensis Exsiccata. Centum XV. Univ. WY Publ., 36(5):69-80.
- Spencer, Warren P.
- 1950 The Drosophila of Jackson Hole, Wyoming--a Taxonomic and ecological survey. Amer. Mid. Nat., 43(1):79-87.
- Stuart, Sidney A.
- 1976 Aquatic indicator bacteria in the high alpine zone. Appl. and Envir. Microbiol., 31(2):163-167. (With Gordon A. McFeters, John E. Schillinger and David G. Stuart)
- Sutton, John F.
- 1975 Paleontology of the earliest oligocene deposits in Jackson Hole, Wyoming. Part 1. Rodents exclusive of the Family Eomyidae. Anals of Carnegie Mus., 45(16):299-315. (With Craig C. Black)
- Tepedino, V. J.
- 1984 Nest selection, mortality and sex ratio in Hoplitis fugida (Cresson) (Hymenoptera: Megachilidae). J. of the Kansas Ent. Soc., 57(2):181-189. (With F. D. Parker)
- 1987 Bee visitors of sweetvetch, Hediparum boreale boreale (Leguminosae), and their pollen-collecting activities. Great Basin Nat. 47:314-318. (With M. Stackhouse)

Thornton, Charles Stead

- 1956 Epidermal modifications in regenerating and in non-regenerating limbs of anuran larvae. *J. Exp. Zool.*, 131(2):373-394.
- 1956 The relation of epidermal innervation to the regeneration of limb deplants in Amblystoma larvae. *J. Exp. Zool.*, 133(2):281-300.
- 1957 The effect of apical cap removal on limb regeneration in Amblystoma larvae. *J. Exp. Zool.*, 134(2):357-382.
- 1958 The inhibition of limb regeneration in urodele larvae by localized irradiation with ultraviolet light. *J. Exp. Zool.*, 137(1):153-180.
- 1960 Influence of an eccentric epidermal cap on limb regeneration in Amblystoma larvae. *Dev. Bio.*, 2(6):551-569.
- 1960 Regeneration of asensory limbs of Amblystoma larvae. *Copeia*, 4:371-373.

Thurmond, William

- 1967 Hypothalamic chromatophore-stimulating activity in the amphibians Hyla regilla and Ambystoma tigrinum. *Gen. and Comp. End.*, 8(2):245-251.
- 1967 Onset of chromatophore-stimulating activity by the hypothalamus and adenohipophysis in Hyla regilla and Ambystoma tigrinum. *Gen. and Comp. Endo.*, 8(2):252-257.
- 1967 Intermedin-like activity by the pars distalis of the salamander Ambystoma tigrinum. *Amer. Zool.*, 7(2):7.
- 1968 Onset of melanophore-stimulating activity of the pars distalis and pars intermedia of the tiger salamander Ambystoma tigrinum melanostictum. *Amer. Zool.*, 8(4):113.

Tiner, Jack D.

- 1951 Observations on larval carnivore ascarids in rodents. *J. Parasit.*, 37(Sup.):21-22.
- 1952 Speciation in the genus Ascaris: Additional experimental and morphological criteria. *J. Parasit.*, 38(Sup.):57.
- 1953 The migration, distribution in the brain, and growth of ascarid larvae in rodents. *J. Infect. Dis.*, 92:105-113.
- 1953 Fatalities in rodents caused by larval Ascaris in the central nervous system. *J. Mammal.*, 34:153-167.

Ugland, R. O.

- 1976 An investigation of paleomagnetic secular variation in the sediments of Yellowstone Lake and Jackson Lake, Wyoming. M.S. Thesis, Univ. of Utah, Salt Lake City.

Weaver, T. and B. Woods

- 1987 Exotic plant invasion of Thuja-Tsuga habitats, NW Montana. In K. Thomas, ed, 1987. Management of exotics in natural communities. Papers presented at a Symp. held in Ft. Collins, CO, 14-18 July, 1986.

Whisenant, S. G.

- 1985 Effects of fire and/or atrazine on Japanese brome and western wheatgrass. 1985 Proc. of Western Soc. of Weed Sci., 38:169-176.
- 1986 Effects of prescribed burning on Japanese brome population dynamics. Proc. of 15th Intl. Grassland Cong., Kyoto, Japan. pp. 803-804. (With W. G. Bulsiewicz)
- 1987 Effects of fire on vital attributes of a South Dakota, mixed Prairie. Submitted to Amer. J. Botany. (With D. W. Uresk)
- 1987 Fire effects on an upland, mixed prairie. Submitted to J. Range Manage.

Whitfield, M. B.

- 1983 Bighorn sheep history, distributions, and habitat relationships in the Teton Mountain Range, Wyoming. M.S. Thesis, ID State Univ., Pocatello, 224 pp.

Wiley, Robert W.

- 1969 Snake River Cutthroat Trout study, Part II: An ecological evaluation of the Snake River cutthroat trout fishery with emphasis on harvest. Coop. Res. Proj. #4, Wyo. Game & Fish Comm.

Williams, Olwen

- 1959 Food habits of the deer mouse. J. of Mammal., 40(3):413-419.

Worcester, L. L.

- 1970 Effects of prescribed burning at different fuel moisture levels on vegetation and soils of grasslands in Wind Cave National Park. M.S. Thesis, SD State Univ., Brookings. 101 pp.

Worley, D. E.

- 1975 Observations on epizootiology and distribution of Elaeophora schneideri in Montana ruminants. J. Wildl. Dis., 11:486-488.

- 1978 Parasites and parasitic diseases of elk in the northern Rocky Mountain region: a review. Proc. Symp. on Elk Ecology and Manage., Univ. of WY. May 3-5. pp. 206-211. Issued 1980).
- 1980 Parasites and parasitic diseases of elk in the northern Rocky Mountain region: a review. Proc. Symp. on Elk Ecol. and Manage., Univ. of WY. May 3-5, pp. 206-211.
- 1982 Trichinosis in wild carnivores. In: Diseases of Wildlife in Wyoming. 2nd Ed., Bull. 9, WY. Game and Fish Comm. pp. 224-227. (With K. R. Greer)
- Wright, Gary A.
- 1975 Valley of the Ancients. Teton Magazine, 8:14-17, 32-35.
- 1976 The coming of the People. Naturalist, 27(1):8-19.
- 1976 Prehistoric hunting of New World Wild Sheep: Implications for the study of sheep domestication. In: Cultural Change and Continuity, ed. C. E. Cleland, pp. 293-318. NY Acad. Press.
- Youmans, Clifton C.
- 1979 Characteristics of pocket gopher populations in relation to selected environmental factors in Pelican Valley, Yellowstone National Park. M.S. Thesis. MT State Univ., Bozeman. Mimeo. 70 p.
- Zeveloff, S. L.
- 1980 The population status of Canada Geese in Jackson Hole. J. CO-WY Acad. Sci. 12(1):40.