

LIST OF PUBLICATIONS ON RESEARCH
AT
JACKSON HOLE BIOLOGICAL RESEARCH STATION

University of Wyoming
and
New York Zoological Society

Altmann, Margaret

- 1951 Patterns of herd structure in free-ranging elk. Abstr. Anat. Rec., 3(3):74.
- 1952 Social behavior of elk, Cervus canadensis nelsoni, in the Jackson Hole area of Wyoming. Behavior, 4(2):116-143.
- 1953 Social graces in elk society. Bull. N. Y. Zool. Soc., Animal Kingdom, 56(3):66-72.
- 1956 Patterns of herd behavior in free-ranging elk of Wyoming, Cervus canadensis nelsoni. Zoologica, 41(2):65-71.
- Two marking devices for large land mammals. Jour. of Wildl. Mgmt., 20(4):464. With Richard D. Taber and Anton de Vos.
- Patterns of social behavior in big game. Trans. of the 21st No. Amer. Wildl. Conf., March 5-7, 1956. pp. 538-545.
- 1958 The flight distance in free-ranging big game. Jour. of Wildl. Mgmt., 22(2):207-209.
- Social integration of the moose calf. Animal Behaviour, 6(3-4):155-159.
- 1959 Group dynamics in Wyoming moose during the rutting season. Jour. of Mammal., 40(3):420-424.
- 1960 Moose runs from Sandhill Crane. J. of Mammal., 41(4):525.
- The role of juvenile elk and moose in the social dynamics of their species. Zoologica, 45, Pt. 1:35-39.
- 1961 "Teen-age" problems in the wilderness. Animal Kingdom, 64(2):41-44.
- 1963 Naturalistic studies of maternal care in moose and elk. Chapter in Maternal Behavior in Mammals Ed. by Harriet L. Rheingold. John Wiley & Sons, pp. 233-253.
- Seniors of the wilderness. Animal Kingdom, 66(6):181-183.
- 1965 Messages in the wild. Animal Kingdom, 68(6):179-182.
- 1968 Social conduct in and out of the herd. Colo. Quarterly, 16(4):335-351.

Armitage, Kenneth B.

- 1959 Behavior patterns of juvenile yellow-bellied marmots (Marmota flaviventris nosophora Howell). Anat. Rec., 134(3):529.
- 1961 Frequency of melanism in the golden-mantled marmot. J. of Mammal., 42(1):100-101.
- 1962 Social behaviour of a colony of the yellow-bellied marmot (Marmota flaviventris). An. Behav., 10(3-4):319-331.

Bangham, Ralph

- 1951 Parasites of fish in the Upper Snake River drainage and in Yellowstone Lake, Wyoming. Zoologica, 36(III).
 - 1953 Studies on monogenetic trematodes: Dactylogyridae 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.
- Hypocaryophyllaeus gilae n. sp. (Cestoda: 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.

Baxter, John W.

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

Beetle, Alan A.

- 1957 A study of range condition classes in the Jackson Hole region of Wyoming. Wyoming Range Management Issue No. 104. (Mimeo.)
- 1960 A Study of Sagebrush. Bulletin 368, University of Wyoming Agricultural Experiment Station, June.
- 1961 Range Survey in Teton County, Wyoming. Part I. Ecology of Range Resources. Bulletin 376, University of Wyoming Agricultural Experiment Station, March.
- 1962 Range Survey in Teton County, Wyoming. Part II. Utilization and Condition Classes. Bulletin 400, University of Wyoming Agricultural Experiment Station, December.
- 1968 Range Survey in Teton County, Wyoming. Part III. Trends in Vegetation. Research Journal 26, University of Wyoming Agricultural Experiment Station, December.

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- 1956 Habitats of terrestrial Mollusca in Jackson Hole, Wyoming. Jour. Colo.-Wyo. 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.

Bliss, L. C.

- 1956 A comparison of plant development in microenvironments of arctic and alpine tundras. *Ecol. Mon.*, 26:303-337.

Calder, William A., Jr.

- 1968 Temperature relations and underwater endurance of the smallest homeothermic diver. *Amer. Zoologist*, 8(4):145.
- 1969 Temperature relations and underwater endurance of the smallest homeothermic diver, the water shrew. *Comp. Biochem. Physiol.*, 30:1075-1082.

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- 1954 A study of amphibian movement in the Jackson Hole Wildlife Park. *Copeia*, 3:197-200.

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- 1971 Key to 22 selected flowering plants based on leaf epidermal morphology from Jackson Hole, Wyoming. *Wyo. Range Mgmt.*, 288:52-60.

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- 1971 Aberrant coloration in Microtus pennsylvanicus from Grand Teton National Park, Wyoming. *Northwestern Sci.*, In Press.

- 1971 Seasonal activity, habitat, reproduction and food uses of the western jumping mouse in Grand Teton National Park, Wyoming. *Northwestern Sci.*, In Press.

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- 1949 Nesting Canada geese on the Upper Snake River. *Jour. Wildl. Mgmt.*, 13(1):51-64.

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- Denniston, R. H.
 1948 Certain aspects of the behavior of the Wyoming moose. Jour. Colo.-Wyo. Acad. of Sci., 3(6):55.
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- Dimmick, Ralph W.
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- Edwards, William C.
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- Emlen, John T.
 1952 Social behavior in nesting cliff swallows. The Condor, 54:177-199.
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 1962 The geyser-loving digger wasps of Yellowstone. The Explorer (Cleveland, Ohio), 4:6-11.
 1963 Predatory wasps. Scientific American, 208(4):145-154. April
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Evans, Howard E. (cont.)

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- 1970 Ecological-behavioral studies of the wasps of Jackson Hole, Wyoming. *Bull. Mus. Comp. Zool.*, 140(7):451-511.

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- 1951 Habitat preferences of four species of Microtus in Jackson Hole, Wyoming. *Jour. Mammal.*, 32(1):118-120.

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A tame red fox cub. *Jour. Mammal.*, 32(1):117.

- 1954 Reproduction in two species of Myotis in Jackson Hole, Wyoming. *Jour. Mammal.*, 35(3):434.

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- 1970 Bird populations of aspen forests in Western North America. University of Wisconsin. (Abstract, Ph.D. Thesis) Microfilm or photocopies available.

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- 1955 Foraging behavior and predation by Clark Nutcracker. *The Condor*, 57(1):61-62.

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Distribution and migration of the Black Rosy Finch. *The Condor*, 61(1):18-29.

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- 1954 Wildlife values in western wilderness area management. *Jour. Wildl. Mgmt.*, 18(4).

Gould, Edwin, Norman C. Negus and Alvin Novick

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- 1968 The Shiras Moose in Jackson Hole, Wyoming. *Grand Teton Nat. Hist. Assoc. Tech. Bull. #1*. 110 pp.

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- 1957 Comparative rates of survival of normal and deformed chub, Gila atraria Girard, in Two Ocean Lake, Teton County, Wyoming. Proc. Pa. Acad. of Science, 31:77-82.
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- 1957 Influence of altitude and temperature upon rate of oxygen consumption of Tribolium confusum Duval and Camponotus pennsylvanicus modoc Wheeler. Physiol. Zool., 39(4):305-314.
- 1961 The influence of temperature and atmospheric pressure on the rate of oxygen uptake in Tribolium confusum. Ecology, 42(1):212-215.

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

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

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A report on land snails of the Jackson Hole region, Wyoming. The Nautilus, 65(2):60-65.

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- 1967 Zygosporos and spore appendages of Harpella (Trichomycetes) from larvae of Simuliidae. Mycologia, 59(3):482-491.

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- 1955 A list of the spiders of the Grand Teton Park area, with descriptions of some new North American spiders. Amer. Museum Novitates, 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. Calif. Acad. of Sci., 66(2):142-146.

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- 1958 Social behavior of the American buffalo (Bison bison bison). Zoologica, 43, Pt. 1, No. 1, pp. 1-40 (entire issue) April 1958.

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- 1969 A note on Discina. Mycologia, 61(3):614-630. May-June.
- 1971 On two species of false morels (Gyromitra) in Utah. Great Basin Naturalist, 31(2):35-47.

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- 1950 A survey of Pasteurella tularensis infection in the animals of the Jackson Hole area. Zoologica, 35(II):129-131.

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- 1950 Breeding of three-year-old females in the Jackson Hole Wildlife Park buffalo herd. Jour. of Mammal., 31(4):463.
- Fluctuation in the population of Neotoma cinerea (woodrat) in Jackson Hole, Wyoming. Jour. of Mammal., 31(2):196-197.
- Habitat adaptability of Phenacomys in Wyoming. Jour. of Mammal., 31(3):351.
- 1959 Mammals of Jackson Hole, Wyoming. Jour. of Mammal., 40(3):371-381. (With James S. Findley)
- 1970 Pineal weight response to a dietary variable in Microtus montanus. Experientia (in press). (With P. J. Berger)
- Activity rhythms in Microtus montanus: the role of the pineal gland. (Submitted to Journal of Experimental Zoology.) (With P.J. Berger)
- The dynamics of Microtus montanus populations in Jackson Hole, Wyoming from 1960-1970. (In preparation.)

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- 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.

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- 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.
- Stress and Parasitism IV. Cold stress and Entamoeba. *Exper. Parasit.*, 19(3):264-268.

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- 1952 Sage Grouse in Wyoming. Sage Books, Denver, Colorado.

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- 1965 Effects of nutrition and photoperiod on reproductive physiology of Microtus montanus. *Amer. J. Physiol.*, 280:633-638. (With N. C. Negus)
- Litter sizes of Microtus montanus in the laboratory. *J. Mammal.*, 46:434-437. (With N. C. Negus)
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- 1968 Effects of diet and light on growth, maturation and adrenal size of Microtus montanus. *Amer. J. Physiol.*, 215:461-466.
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- 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)

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- 1949 Paradilepis simoni n. sp., a cestode parasitic on the osprey. *Zoologica*, 34(1).

A contribution to the study of North American cestodes of the genus Paruterina Fuhrmann, 1906. *Zoologica*, 34(1). (With Everett Schiller)

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