

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.



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- 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.



Bick, George H. and Lothar E. Hornuff

- 1972 Odonata collected in Wyoming, South Dakota, and Nebraska. Proc. Ent. Soc. of Washington, 74(1):1-8.

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

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- 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. ✕
- 1971 Temperature relationships and nesting of the Calliope Hummingbird. The Condor, 73(3):314-321.

Carpenter, Charles

- 1953 Aggregation behavior of tadpoles of Rana p. pretiosa. Herpetologica, 9:77-78.

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. and T. W. Clark

- 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 Science.

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

Craighead, Frank C.

- 1951 A biological and economic evaluation of coyote predation. N. Y. Zool. Soc. and the Conservation Found. July (booklet)

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

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- 1952 A biological and economic appraisal of the Jackson Hole elk herd.  
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Cummins, George B. and John W. Baxter

- 1962 Nomenclature, life histories, and records of North American Uredinales.  
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Czaplewski, R. L.

- 1972 Evolution of terminal consumers in a steady state regime. M.S. Thesis,  
Univ. Wyoming. 54 pp. (In preparation for publication.)

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Limnology and Oceanography, In Press.

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- 1948 Certain aspects of the behavior of the Wyoming moose. Jour. Colo.-Wyo.  
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- 1949 The development of a calf moose. Jour. Colo.-Wyo. Acad. of Sci., 4(1):58.
- 1956 Ecology, behavior and population dynamics of the Wyoming or Rocky Moun-  
tain moose, Alces alces shirasi. Zoologica, 41(3):105-118.

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- 1967 Banding Studies of Water Birds on the Molly Islands, Yellowstone Lake,  
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- 1968 Canada Geese of Jackson Hole. Bull. No. 11, Wyoming Game and Fish Com-  
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- 1964 A preliminary investigation concerning the plant ecology of the willow \*  
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- 1952 Social behavior in nesting cliff swallows. The Condor, 54:177-199.
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The Auk, Vol. 71.

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- 1962 The geyser-loving digger wasps of Yellowstone. The Explorer (Cleveland,  
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- 1963 Predatory wasps. Scientific American, 208(4):145-154. April.
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- 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.
- The accessory burrows of digger wasps. *Science*, 152(3721):465-471.
- Nests and prey of two species of Philanthus in Jackson Hole, Wyoming (Hymenoptera, Specidae). *Great Basin Naturalist*, 26(1-2):35-40.
- 1968 The hunt of the wasps at Jackson Hole. *Natural History*, 77:38-39.
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- 1951 Habitat preferences of four species of Microtus in Jackson Hole, Wyoming. *Jour. Mammal.*, 32(1):118-120.
- A record of moose speed. *Jour. Mammal.*, 32(1):116.
- 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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- 1968 The Shiras Moose in Jackson Hole, Wyoming. Grand Teton Nat. Hist. Assoc. Tech. Bull. #1. 110 pp.

- 1969 Immobilization of the shiras moose. Jour. Wildl. Mgmt., 33(3):534-537.

Huckabee, John W., Frederick O. Cartan and Garth S. Kennington

- 1972 Environmental influence on trace elements in hair of 15 species of mammals. Oak Ridge National Laboratory, ORNL-TM-3747. 38 pp.

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

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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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- 1951 Report on a collection of spiders and harvestmen from Wyoming and neighboring states. Zoologica, 36(LV):219-237.

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Lichtwardt, Robert W.

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

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- 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.
- 1968 The spiders of the herbaceous stratum of the Jackson Hole region of Wyoming. Northwest Science, 42(3):89-100.

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)

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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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- 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.

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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)



Negus, Norman C. (cont.)

- 1971 Pineal weight response to a dietary variable. *Experientia*, 27(2): 215-216. (With Patricia J. Berger)

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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.

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- 1966 Stress and Parasitism III. Reduced night temperature and the effect on pinworms of ground squirrels. *Exper. Parasit.*, 18(1):61-62.

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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)

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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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## Solheim, W. G.

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## Solheim, W. G. and George B. Cummins

- 1970 Mycoflora Saximontanensis Exsiccata. Centum XIII. U. of Wyoming Publ., 36(3):37-50. July 15.
- Mycoflora Saximontanensis Exsiccata. Centum XV. U. of Wyoming Publ., 36(5):69-80. July 15.



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