

BIBLIOGRAPHY OF NORTH AMERICA'S MOUNTAIN GOAT

(*Oreamnos americanus*)<sup>1</sup>

Brian R. Foster

Department of Animal Science  
The University of British Columbia  
2075 Wesbrook Place  
Vancouver, British Columbia, CANADA V6T 1W5

This bibliography hopefully encompasses all of the published literature on mountain goat for the period 1900 to 1976 inclusive. References vary from critical scientific studies to those making casual reference to the species. Species lists referring to mountain goat and books on wildlife of the newest edition only are included. Reference to typescript, multilith and mimeograph reports of government and professional agencies is undoubtedly incomplete, however many of those citations presented may lead one to discover other such report forms by the said author if further enquiries are made. Some articles are incompletely cited but are included in hope that their source may be known or discovered by some interested reader. A plea is made to all readers for submission of corrections to the author regarding incorrect, incomplete or deleted citations. Notification of 1977 articles on mountain goat will also be appreciated for inclusion in a future revised edition of this bibliography.

The largest single sources of information utilized in compiling the present bibliography were the works of F. J. Singer and myself, Castle (1965), and Hibbs (1966). The approach in acquiring information was often unorthodox and time-consuming, but seemed essential if the bibliography was to be as current as possible. From the lists of Castle (1965) and Hibbs (1966) a preliminary list of references was compiled and checked with the card catalogue at the University of British Columbia's Main Library. A search of "Literature Cited" was then performed with new references added to the main list. Biological Abstracts were employed for the period 1960-76, and the CAN SDI search profile of F. L. Bunnell has included 'Oreamnos' since August, 1974. Singer utilized CAIN, the Denver Public Library - Fish and Wildlife Reference Service, the American Society of Mammalogists Special Bibliograph Search, and the United States Department of the Interior Computerized Search Services. Current publications on mountain goat from 1974 were updated by checking all articles in the Pre-bind section of U.B.C.'s Woodward Library. This procedure was necessary because computer-based searches may lag by 18 months or more. Alberta and British Columbia Provincial game agency personnel and Alaska, Idaho, Montana, Oregon, Utah and Wyoming State game service employees provided recent reports from their respective Departments. In particular, references from D. M. Hebert and L. Kuck were very useful.

Thanks to Miss E. Rahn for her work in tracing and correcting many of the listed citations from the preliminary draft. Preparation of this bibliography was in part supported by a grant from the British Columbia Fish and Wildlife Branch to Dr. Bunnell as part of CARP (Computer Assisted Resource Planning). Marianna Moore prepared the manuscript.

Editor's note. Paper not part of symposium.

BIBLIOGRAPHY OF NORTH AMERICA'S MOUNTAIN GOAT  
(OREAMNOS AMERICANUS)

- Aldous, C. M. 1945. A winter study of mule deer in Nevada. *J. Wildl. Manage.* 9(1) : 145 - 151.
- Allen, J. A. 1904. New forms of the mountain goat. *Bull. Am. Mus. Nat. Hist.* 20 : 19 - 21.
- Anderson, E. 1974. A survey of the late Pleistocene and Holocene mammal fauna of Wyoming. Pages 78 - 87 in M. Wilson, ed. *Wyoming Geol. Surv. Inventory Rep.* 10.
- Anderson, N. W. 1940. Mountain goat study. *Washington Dept. Game, Biol. Bull. No. 2.* 21pp.
- Anderson, R. M. 1938. The present status and distribution of the big game mammals of Canada. *Trans. N. Am. Wildl. Conf.* 3 : 390 - 406.
- Anderson, R. M. 1946. Catalogue of Canadian recent mammals. *Nat. Mus. of Canada Bull. No. 102.* 238pp.
- Anonymous. 1925. Introduction of mountain goats in the Olympic Mountains. *Murrelet* 6(1) : 10.
- Anonymous. 1938. Mountain goats thrive in hills. *South Dakota Conserv. Digest Vol. 5.*
- Anonymous. 1950. Mountain goats take harrowing journey. *Sci. News.* 57 : 140.
- Anonymous. 1950. Mountain goats. *Sci. News.* 57 : 286.
- Anonymous. 1955. Wyoming's mountain goat experiment. *Wyoming Wild.* 19(9) : 10 - 13.
- Anonymous. 1963. Mountain goats trapped and transplanted. *Idaho Wildl. Review* 16, Mar. - Apr.
- Anonymous. 1976. Pilchuck has goats again. *Washington Wildlife* 28(2) : 6 - 8.
- Anthony, H. E. pre - 1913. White goats of the Sawtooth Mountains. *Nat. Hist.* ( ) : 143 - 154.
- Anthony, H. E. 1928. Field book of North American mammals. G. P. Putnam Sons, New York. 625pp.
- Anthony, H. E. 1946. A grand tour of North America. *Nat. Hist.* 49(4) : 200 - 201.
- Anthony, H. E. and J. W. McSpadden. 1947. Mammals of America. Garden City Publ. Co. Inc., Garden City, N. Y. 335pp.
- Bailey, V. 1931. The mountain goat that is not a goat. *Nat. Mag.* 18(3) : 153 - 157.
- Bailey, V. 1936. The mammals and life zones of Oregon. *N. Am. Fauna* 55. U. S. Gov. Printing Office, Washington, D. C. 416pp.
- Baker, M. (ed.) 1964. Records of North American big game. Holt, Rinehart, and Winston, New York. 398pp.
- Baker, R. H. 1951. Mammals along the Alaska Highway. *University Kansas Mus. Nat. Hist.* 5(9) : 116.
- Ballard, W. 1975. Mountain goat survey technique evaluation. Alaska Dept. Fish and Game, P-R Proj. Rep. W-17-7, Juneau, Alaska. 21pp. Multilith.
- Banfield, A. W. F. 1955. An aerial survey technique for northern big game. *Trans. N. Am. Wildl. Conf.* 20 : 519 - 532.
- Banfield, A. W. F. 1974. The mammals of Canada. University of Toronto Press, Toronto, Ontario. 419pp.
- Banser, U. 1976. Mountain goat-human interactions in the Sperry-Cunsight Pass area, Glacier National Park. University of Montana, Missoula, Montana. 46pp. Multilith.
- Barret, W. 1960. Wild animals of North America. Nat'l. Geog. Soc., Washington, D. C. 400pp.
- Bartels, R. 1976. Mountain goats of the Mallovas. *Oregon Wildl.* 31(12) : 3 - 4.
- Bates, M. 1963. Animal worlds. Random House, New York. 316pp.

- Bayless, S. R. 1963. The Rocky Mountain goat in Montana - today and yesterday. Montana Wildl. Fed. News. November.
- Bear, G. D. 1972. Bighorn sheep and mountain goat investigations. Colorado Game Res. Review 1970-71. Mimeogr.
- Becklund, W. W. 1965. Nematodirus maculosus sp. n. (Nematoda: Trichostrongylidae) from the mountain goat (Oreamnos americanus) in North America. J. Parasitol. 51(6) : 945 - 947.
- Beeman, R. D. 1957. Big game salting in Idaho. Idaho Wildl. Review 10(2) : 3 - 5.
- Bever, W. 1955. Rocky Mountain goats, trapped and transplanted. South Dakota Conserv. Digest 22(10) : 3 - 4, 10.
- Blacklock, L. 1974. Stalking the monarchs of the high west. Nat. Wildl. 12(5) : 42 - 47.
- Blades, G. J. 1936. Big game animals of the West and their relation to range management. M. S. Thesis, Michigan State University.
- Blair, R. M. 1955. Wildlife resources of Lincoln County, Montana : Impact of the proposed Libby Dam. Montana Fish and Game Dept., P-R Proj. Rep., W-036-R-04. 99pp. Multilith.
- Block, D. W. 1970. Lungworms of mountain goats in the Black Hills of South Dakota. M. S. Thesis, South Dakota State University. 117pp.
- Boddicker, M. L. 1966. Helminth parasites of wild reinants in South Dakota. M. S. Thesis, South Dakota State University. 146pp.
- Boddicker, M. L. and E. J. Huggins. 1969. Helminths of big game mammals in South Dakota. J. Parasitol. 55(5) : 1067 - 1074.
- Boddicker, M. L., E. J. Huggins and A. H. Richardson. 1971. Parasites and pesticide residues of mountain goats in South Dakota. J. Wildl. Manage. 35(1) : 94 - 103.
- Boehm, W. D. 1975. Old ice, new land mammals. Alaska Geog. 3(1) : 82 - 93.
- Boone and Crockett Club. 1971. North American Big Game 1971 Edition. Boone and Crockett Club, Pittsburgh, Penn. 403pp.
- Bowden, G. and P. H. Pearse. 1968. Non-resident big game hunting and the guiding industry in British Columbia: an economic study. Study Rep. No. 2. British Columbia Fish and Wildl. Branch, Victoria, British Columbia. 72pp.
- Brandborg, S. M. 1948. Life history observations of the Rocky Mountain goat (Oreamnos americanus missoulae) in Montana. Montana State Fish and Game Dept., Wildl. Restoration Div. 102pp. Mimeogr.
- Brandborg, S. M. 1948 - 1950. Ecology and management of the mountain goat in Idaho. Idaho Coop. Wildl. Res. Unit Q. Rep., Vols. 1 - 3.
- Brandborg, S. M. 1950. The life history and ecology of the mountain goat in Idaho and Montana. M. S. Thesis, Univ. of Idaho, Moscow.
- Brandborg, S. M. 1952 - 1955. Management study of the Rocky Mountain goat. Idaho Dept. of Fish and Game, P-R Proj. Reps., W-98-R-2. Multilith.
- Brandborg, S. M. 1955. Life history and management of the mountain goat in Idaho. Idaho Dept. of Fish and Game Wildl. Bull. 2. 142pp.
- Brandborg, S. M. 1970. Alive in the wild. Prentice-Hall, New Jersey.
- Breland, O. P. 1954. The mountain goat. Audubon Mag. 56(3) : 112 - 113.
- British Columbia Fish and Game Branch. 1958 - 1964. Game harvest questionnaire analysis (Annu. Reps.). Victoria, British Columbia. Mimeogr.
- British Columbia Fish and Game Branch. 1958 - 1964. British Columbia Fish and Game Branch (annual) hunting regulations. Queen's Printer, Victoria, British Columbia.
- British Columbia Fish and Wildlife Branch. 1965 - 1971. Game harvest questionnaire analysis. (Annu. Reps.). Victoria, British Columbia. Mimeogr.

- British Columbia Fish and Wildlife Branch. 1971 - 1975. British Columbia hunter sample (Annu. Repts.). Victoria, British Columbia. Mimeogr.
- British Columbia Fish and Wildlife Branch. 1965 - 1976. British Columbia Fish and Wildlife Branch (annual) game hunting regulations. Queen's Printer, Victoria, British Columbia.
- British Columbia Fish and Wildlife Branch. 1965 - 1975. Cache Creek Check (Annu. Repts.). Wildl. Manage. Harvest Statistics Nos. 1, 2, 3, 5, 6, 9, and 11. Victoria, British Columbia. Mimeogr.
- British Columbia Fish and Wildlife Branch. 1973. Game Commission reports: mountain goats, 1915 to 1956. Cranbrook, British Columbia. 6pp. Typescript.
- British Columbia Fish and Wildlife Branch. 1976. Summary of revenue derived from sale of various licences, collections, etc. for the period April 1, 1975 to March 31, 1976. Victoria, British Columbia. 19pp. Mimeogr.
- British Columbia Game Commission. 1909 - 1913. (Annual) Report(s) of the Provincial Game and Forest Warden of the Province of British Columbia. King's Printer, Attorney-General's Dept., Victoria, British Columbia.
- British Columbia Game Commission. 1914 - 1919. (Annual) Report(s) of the Provincial Game Warden of the Province of British Columbia. King's Printer, Attorney-General's Dept., Victoria, British Columbia.
- British Columbia Game Commission. 1920 - 1928. (Annual) Report(s) of the Game Conservation Board of the Province of British Columbia. King's Printer, Attorney-General's Dept., Victoria, British Columbia.
- British Columbia Game Commission. 1929 - 1951. (Annual) Report(s) of the Provincial Game Commission of the Province of British Columbia. King's Printer, Attorney-General's Dept., Victoria, British Columbia.
- British Columbia Game Commission. 1952 - 1956. (Annual) Report(s) of the Provincial Game Commission of the Province of British Columbia. Queen's Printer, Attorney-General's Dept., Victoria, British Columbia.
- Brooks, A. 1926. Past and present big game conditions in British Columbia and the predatory mammal question. *J. Mammal.* 7(10) : 37 - 40.
- Brooks, A. 1930. Early big game conditions in the Mt. Baker district, Washington. *Murrelet* 11(3) : 65 - 67.
- Brown, F. R. 1968. Goat harvest. Washington state Game Dept. 12pp. Typescript.
- Burriss, O. E. and D. E. McKnight. 1973. Game transplants in Alaska. Alaska Dept. Fish and Game Tech. Bull. No. 4. 57pp. Mimeogr.
- Burt, H. B. and F. P. Grossenheider. 1959. A field guide to mammals. Petersen Field Guide Series No. 5, Houghton-Mifflin Co., Boston.
- Cada, J. D. and F. A. Gordon. 1969. Big game surveys and investigations. Montana Fish and Game Dept., P-R Proj. Rep., W-075-R-14. 85pp. Multilith.
- Cahalane, V. H. 1947. Mammals of North America. The MacMillan Co., New York.
- Cahalane, V. H. 1948. The status of mammals in the United States National Park system, 1947. *J. Mammal.* 29(3) : 247 - 259.
- Carbyn, L. N. 1974. Wolf predation and behavioural interactions with elk and other ungulates in an area of high prey diversity. Can. Wildl. Serv. Rep., Edmonton, Alberta. Mimeogr.
- Casebeer, R. L. 1948. A study of the food habits of the goat (*Oreamnos americanus missoulae*) in western Montana. M. S. Thesis, Montana State University, Missoula, Montana. 84pp.
- Casebeer, R. L. 1948. Food habits of mountain goats in western Montana. *Proc. Montana Acad. Sci.* 788 : 69.
- Casebeer, R. L., M. J. Rogrud and S. M. Brandborg. 1950. The Rocky Mountain goat. Montana Fish and Game Comm., Bull. No. 5. 107pp.
- Castle, L. M. 1965. A partial bibliography of the mountain goat (genus *Oreamnos*). University of Alaska, Juneau, Alaska. 13pp. Typescript.

- Chadwick, D. H. 1973. Mountain goat ecology-logging relationships in the Bunker Creek Drainage of Western Montana. Montana Fish and Game Dept., P-R Proj. Rep., N-120-R-3, 4. (M. S. Thesis), Helena, Montana. 262pp. Multilith.
- Chadwick, D. H. 1974 - 75. Population characteristics and habitat relationships of Rocky Mountain goats in Glacier National Park. Glacier Natl. Park Annu. Reps., West Glacier, Montana. Multilith.
- Chadwick, D. H. and E. Chadwick. 1974. Living with Rocky Mountain goats. Defenders of Wildlife ( ) : 267 - 271.
- Charles, G. 1961. Trapped...but not for long. South Dakota Conserv. Digest 28(4) : 4 - 6.
- Clark, H. E. 1937. Up-stream for mountain goats. Nat. Hist. 40(5) : 733 - 738.
- Clark, H. E. 1939. Museum expedition. Alaska Sportsman 5(5) : 8 - 9, 30 - 32.
- Colorado Division of Wildlife. 1974. A strategic plan for the comprehensive management of Colorado's wildlife resource. Vol. I - Strategy of today for wildlife tomorrow. 47pp.
- Cooney, R. F. 1942, 1946. Trapping and transplanting mountain goats. Proc. Annu. Conf. Western Assoc. State Game and Fish Commissioners, Jackson, Wyoming. Vols. 22 and 26.
- Corsi, R. 1972 - 1974. Game Division Annual Reports. Wyoming Game and Fish Comm.
- Couley, F. M. 1948. Mountain goat management in Montana. Proc. Annu. Conf. Western Assoc. State Fish and Game Commissioners 28 : 145 - 153.
- Couley, F. M. and R. P. Weckwerth. 1965 - 1966. Big game surveys and investigations. Montana Fish and Game Dept. Typescript.
- Cowan, I. McT. 1943 - 1945. Rocky Mountain field notes. Personal diary of Dr. Ian McTaggart Cowan. Dept. of Zoology, University of British Columbia, Vancouver, British Columbia.
- Cowan, I. McT. 1944. Report of wildlife studies in Jasper, Banff and Yoho National Parks in 1944. Dept. of Mines and Resour., Ottawa, Ontario. Mimeogr.
- Cowan, I. McT. 1944. Parasites, diseases, and injuries of game animals in the Rocky Mountain National Parks, 1942 - 44. Dept. of Mines and Resour., Ottawa, Ontario. 83pp. Mimeogr.
- Cowan, I. McT. 1947. The timber wolf in the Rocky Mountain National Parks of Canada. Can. J. Res. 25(5) : 139 - 174.
- Cowan, I. McT. 1950. Some vital statistics of big game on over-stocked mountain range. Trans. N. Am. Wild. Conf. 15 : 581 - 588.
- Cowan, I. McT. 1951. The diseases and parasites of big game mammals of Western Canada. Rep. of Proc. Annu. British Columbia Game Convention 5 : 37 - 64.
- Cowan, I. McT. 1952. Big game of the mountain province. Can. Geog. J. 44 : 226 - 241.
- Cowan, I. McT. and V. C. Brink. 1949. Natural game licks in the Rocky Mountain National Parks of Canada. J. Mammal. 30(4) : 379 - 387.
- Cowan, I. McT. and C. J. Guiger. 1960. The mammals of British Columbia. British Columbia Provincial Mus. Handbook No. 11. 414pp.
- Cowan, I. McT. and W. McCrory. 1970. Variation in the mountain goat Oreamnos americanus (Blainville). J. Mammal. 51(1) : 60 - 73.
- Cruse, J. 1959. The mountain goat in Black Hills National Forest. Supervisor's Office, Black Hills National Forest. 5pp. Typescript.
- Culbreth, J. C. 1947. Colorado's exchange of game. Colorado Conserv. Comments 10(4): 1 - 4.
- Darlington, P. J., Jr. 1957. Zoogeography: the geographic distribution of animals. John Wiley and Sons, Inc., New York. 675pp.
- Davis, W. B. 1939. The recent mammals of Idaho. Caxton Printers, Ltd., Caldwell, Idaho. 400pp.

- DeBock, E. A. 1970. Behaviour of the mountain goat. M. S. Thesis, University of Alberta, Edmonton, Alberta. 173pp.
- DeBock, E. A. 1970. A report on the Willmore Wilderness Goat Project. Alberta Fish and Wildl. Div., Edmonton, Alberta. 39pp. Mineogr.
- DeBock, E. A. 1970. A partial bibliography of the mountain goat pertaining to the projected management study. Alberta Fish and Wildl. Div., Edmonton, Alberta. 3pp. Typescript.
- DeBock, E. A. 1971. Goat research. Alberta Fish and Wildl. Div., Edmonton, Alberta. 11pp. Typescript.
- Dechambre, H. 1930. L'étude sur le poil de l'Oreanne ou chevre des Montagnes Rocheuses. Bull. Soc. Nat. Acclimatization France 77(1) : 8 - 10.
- Dice, L. R. 1919. The mammals of southeastern Washington. J. Mammal. 1(1) : 10 - 21.
- Dikmans, G. 1942. New host-parasite records. Proc. Helminthol. Soc. Washington 9(2) : 65 - 66.
- Doell, D. D. and A. D. Smith. 1965. Big game-livestock relationships study - selected bibliography of literature applicable to big game range research. Utah Wildl. Resour. Div., P-R Proj. Rep., W-105-R-02. 93pp. Multilith.
- Downing, S. C. 1947. Mammals of the mountains. Can. Nat. 9(1) : 30 - 31.
- Dufresne, F. 1946. Alaska's animals and fishes. Benfords and Mort Publ., Portland, Oregon.
- Durban, K. 1975. Oregon imports wild mountain goats. Oregon Wildl. 30(8) : 8 - 9.
- Edson, J. M. 1930. Wild animal population of the Mount Baker National Forest, Washington. Murrelet 11(2) : 14 - 19.
- Edwards, K. Y. 1956. Snow depth and ungulate abundance in the mountains of western Canada. J. Wildl. Manage. 20(2) : 159 - 168.
- Eicher, G. J. 1943. Alaska bighorn sheep. Alaska Life 8(9) : 46 - 49.
- Elkins, W. A. and U. C. Nelson. 1957. Wildlife introductions and transplants in Alaska. Sci. in Alaska (Proc. Alaska Sci. Conf.) 5 : 29 - 30.
- Elliot, D. G. 1900. Description of an apparently new species of mountain goat. Field Columbian Mus., Zool. Series 3 : 1 - 5.
- Elliot, D. G. 1901. A synopsis of the mammals of North America and the adjacent seas. Field Columbian Mus., Zool. Series 2 : 44 - 45.
- Elstad, J. 1961. Ours was a special kind of farm. Alaska Sportsman 27(3) : 10 - 13.
- Flerow, C. C. 1967. On the origin of the mammalian fauna of Canada. Pages 271 - 280 in D. M. Hopkins, ed., The Bering Land Bridge. Stanford University Press, Stanford, California. 495pp.
- Flett, J. B. 1926. Three little known characteristics of the mountain goat. Murrelet 7(2) : 32 - 35.
- Flett, J. B. 1927. Some reasons for decrease in mountain goat. Murrelet 8(3) : 70 - 71.
- Flock, A. 1976. Job performance report. Nevada Dept. of Fish and Game, P-R Proj. Rep., W-48-7. 3pp. Multilith.
- Foss, A. J. 1962. A study of the Rocky Mountain goat in Montana. M. S. Thesis, Montana State Univ., Bozeman, Montana. 26pp.
- Foss, A. J. 1963. Wildlife investigations - District Four. Montana Fish and Game Dept., P-R Proj. Rep., W-874-R-08. 9pp. Multilith.
- Foss, A. J. 1965. Wildlife investigations - District Five. Montana Fish and Game Dept., P-R Proj. Rep., W-075-R-10. 35pp. Multilith.
- Foss, A. J. and C. A. Whitney. 1967. Wildlife investigations - District Five. Montana Fish and Game Dept., P-R Proj. Rep., W-075-R-11. 49pp. Multilith.

- Foss, A. J. and M. Rogrud. 1971. Rocky Mountain goat. Pages 106 - 113 in T. W. Mussehl and F. W. Howell, eds., Game Management in Montana. 238pp.
- Foster, B. R. 1976. Exploitation and management of the mountain goat in British Columbia. Dept. Zool., University of British Columbia, Vancouver, British Columbia. 273pp. Typescript.
- Foster, B. R. 1976. Compensatory regulation of mountain goat populations in west-central British Columbia. Prog. Rep., Dept. Animal Sci., University of British Columbia, Vancouver, British Columbia. 38pp. Typescript.
- Foster, B. R. 1976. A system to monitor mountain goat management in British Columbia. Dept. Animal Sci., University of British Columbia, Vancouver, British Columbia. 36pp. Typescript.
- Frick, C. 1937. Horned ruminants of North America. Bull. Am. Mus. Nat. Hist. 69 : 1 - 669.
- Gaeb, J. E. 1955. Those "crazy" mountain goats! Montana Wildl. 5(1) : 15 - 17.
- Gates, C. G. 1972. Selection of goat transplant sites. Alberta Fish and Wildl. Div., Edmonton, Alberta. 59pp. Typescript.
- Geist, V. 1960. Feral goats in British Columbia. Murrelet 41 : 1 - 7.
- Geist, V. 1962. Observations on the habitat directed behavior of stone sheep (*Ovis dalli stonei*) and the mountain goat (*Oreamnos americanus*). Sci. in Alaska (Proc. Alaskan Sci. Conf.) 13 : 29 - 30.
- Geist, V. 1964. On the rutting behavior of the mountain goat. J. Mammal. 45(4) : 551 - 568.
- Geist, V. 1966. The evolutionary significance of mountain sheep horns. Evolution 20(4) : 558 - 566.
- Geist, V. 1966. The evolution of horn-like organs. Behavior 27 : 175 - 214.
- Geist, V. 1967. On fighting injuries and dermal shields in mountain goats. J. Wildl. Manage. 31(1) : 192 - 194.
- Geist, V. 1971. Mountain sheep - a study in behavior and evolution. University of Chicago Press, Chicago, Illinois. 383pp.
- Gilbert, B. M. 1973. Mammalian osteoarchaeology: North America. Spec. Publ. Missouri Archaeol. Soc., University of Missouri, Montana. 337pp.
- Glover, F. A. and D. L. Gilbert. 1969. The mountain goat in Colorado. Trans. N. Am. Wildl. Conf. 34 : 409 - 418.
- Godden, R. W. and L. T. Gutzman. 1938. Bighorn sheep and mountain goat. University of Idaho Bull. 33(22) : 43 - 49.
- Goers, G. R. 1948. A summer trend count of Rocky Mountain goats in four selected areas. Montana State Fish and Game Dept., Wildl. Restoration Div. 11pp. Typescript.
- Grant, M. 1905. The Rocky Mountain goat. New York Zool. Soc. Annu. Rep. 9 : 1 - 36.
- Green, H. U. 1951. The occurrence, distribution and population of mammals in Banff National Park. Alberta. Dept. Resour. and Development. 43pp. Mimeogr.
- Grimm, R. L. 1939. Northern Yellowstone winter range studies. J. Wildl. Manage. 3 : 295 - 306.
- Guiget, C. J. 1951. An account of wolverine attacking mountain goat. Can. Field Nat. 65(5) : 187.
- Gutzman, L. T. and A. Buckingham. 1935. Middle fork game study. 1928 - 34. Challis Natl. Forest, Idaho. 26pp. Typescript.
- Hall, E. R. and K. R. Kelson. 1939. The mammals of North America (2 Vols.). Ronald Press Co., New York. 1083pp.
- Hall, W. 1971. Willmore Wilderness Park summer goat and sheep survey. Wildl. Inventory Job Completion Rep. V. Alberta Fish and Wildl. Div., Edmonton, Alberta. Typescript.

- Hall, W., G. Gunderson, A. Cook and A. Bibeaud. 1973. Documentation of the 1972 mountain goat season. Alberta Fish and Wildl. Div., Edmonton, Alberta. 19pp. Typescript.
- Hamilton, W. J., Jr. 1939. American Mammals. McGraw-Hill Book Co. Inc., New York. 434pp.
- Hamre, V. 1947. Mountain goats on their winter range in the Rattlesnake drainage of western Montana. Forestry Dept. Publ., University of Idaho, Moscow, Idaho. 7pp.
- Hanson, W. O. 1949. Survey and management of mountain goat in South Dakota. South Dakota Dept. Fish, Game and Parks, P-R Proj. Rep. 12-R-6. 11pp. Multilith.
- Hanson, W. O. 1950. The mountain goat in South Dakota. Ph. D. Thesis, University of Michigan, Ann Arbor, Michigan. 92pp.
- Harrington, C. R. 1971. A pleistocene mountain goat from British Columbia and comments on the dispersal history of Oreamnos. Can. J. Earth Sci. 8(9) : 1081 - 1093.
- Harrington, C. R. 1972. Extinct animals of Rampart Cave. Can. Geog. J. 85(5) : 178 - 183.
- Harrington, C. R. 1973. The ice age mountain goat. Beaver 1 : 11 - 13.
- Harmon, W. 1944. Notes on mountain goats in the Black Hills. J. Mammal. 25(2) : 149 - 151.
- Harris, Van T. 1970. Upland wildlife. United States Fish and Wildl. Service, U. S. Gov. Printing Office, Resource Publ. 104.
- Hartkorn, F. L. 1957 - 1966. Wildlife investigations - District Two. Montana Fish and Game Dept., P-R (Annual) Proj. Reps., W-072-R-02 to 11. Multilith.
- Hebert, D. M. 1967. Natural salt licks as a part of the ecology of the mountain goat. M. S. Thesis, University of British Columbia, Vancouver, British Columbia. 138pp.
- Hebert, D. M. 1973. A system to monitor mountain goat management in Alberta. Alberta Fish and Wildl. Div., Edmonton, Alberta. Typescript.
- Hebert, D. M. and I. McT. Cowan. 1971. White muscle disease in the mountain goat. J. Wildl. Manage. 35(4) : 752 - 756.
- Hebert, D. M. and I. McT. Cowan. 1971. Natural licks as a part of the ecology of the mountain goat. Can. J. Zool. 49 : 605 - 610.
- Hebert, D. M. and B. Markham. 1971. The wildlife resources: appendix IV. Alberta Fish and Wildl. Div., Edmonton, Alberta. 22pp. Typescript.
- Hebert, D. M. and R. J. McFerridge. 1974. Chemical immobilization of North American game mammals. Alberta Fish and Wildl. Div., Edmonton, Alberta. Typescript.
- Hibbard, C. W. 1970. Pleistocene mammalian local fauna from the Great Plains and Central Lowland Provinces of the United States. Pages 394 - 433 in Dort, W., Jr., and J. K. Jones, Jr., eds., Pleistocene and recent environments of the Central Great Plains. University of Kansas Press, Lawrence, Kansas. 433pp.
- Hibbs, L. D. 1965. The mountain goat of Colorado. M. S. Thesis, Colorado State University, Fort Collins, Colorado. 152pp.
- Hibbs, L. D. 1966. A literature review on mountain goat ecology. Colorado Dept. Game, Fish and Parks, and Colorado Coop. Wildl. Res. Unit. Spec. Rep. No. 8. 23pp.
- Hibbs, L. D. 1966. Bighorn sheep and mountain goat investigations. Colorado Div. Wildl., P-R Proj. Rep., W-041-R-15. 101pp. Multilith.
- Hibbs, L. D. 1967. Food habits of the mountain goat in Colorado. J. Mammal. 48(2) : 242 - 248.
- Hibbs, L. D. and R. Denney. 1965. Bighorn sheep and mountain goat investigations. Colorado Div. Wildl., P-R Proj. Rep., W-041-R-15. 105pp. Multilith.
- Hibbs, L. D. and F. A. Glover. 1965. Ecology of the mountain goat in Colorado. Colorado Coop. Wildl. Res. Unit, Tech. Paper No. 2. 5pp.
- Hibbs, L. D., F. A. Glover and D. L. Gilbert. 1969. The mountain goat in Colorado. Trans. N. Am. Wildl. Nat. Resour. Conf. 34 : 409 - 418.



- Hjeljord, O. G. 1971. Feeding ecology and habitat preference of the mountain goat in Alaska. M. S. Thesis, University of Alaska, Fairbanks, Alaska. 126pp.
- Hjeljord, O. G. 1973. Mountain goat forage and habitat preference in Alaska. *J. Wildl. Manage.* 37(3) : 353 - 362.
- Hollister, N. 1912. The names of the Rocky Mountain Goat. *Proc. Biol. Soc. of Washington* 25 : 185 - 186.
- Holroyd, J. C. 1967. Observations of Rocky Mountain goats on Mt. Wardle, Kootenay National Park, British Columbia. *Can. Field Nat.* 81(1) : 1 - 22.
- Horton, S. F. 1975. Ridge of the wild goats. *Wildl.* 17(2) : 52 - 57.
- Howard, L. J. 1941. Mountain goats moved to new home. *North Region News.* 6 : 27 - 28.
- Hubbert, W. T. 1969. Melioidosis: sources and potential. *Wildl. Disease Assoc. Bull.* 5(3) : 208 - 212.
- Idaho Fish and Game Dept. 1904 - 1964. Biennial reports of the Fish and Game and Game Department. *Mimeo.*
- Irving, L. 1972. Arctic life of birds and mammals (2 Vols.). Springer-Verlag, New York. 192pp.
- Jackson, W. H. 1943. Goats are hard to get. *Alaska Sportsman* 9(1) : 16 - 23.
- Janson, R. G. 1962 - 1965. Wildlife investigations - District Two. Montana Fish and Game Dept., P-R Proj. Repts., W-072-R-07 to 10. Multilith.
- Jellison, W. L. 1930. A pair of deformed Rocky Mountain goat horns. *J. Mammal.* 11(4) : 474.
- Johnson, D. R. 1961. Additional record of mountain goat in northeastern Washington. *J. Mammal* 42(2) : 280.
- Johnson, R. L. 1970 - 1976. Washington State mountain goat harvest (Annu. Repts.). Washington Dept. Fish and Game. *Mimeo.*
- Jones, F. F. 1963. Sheep and goat investigations: ecology and behavior. Alaska Dept. of Fish and Game, Wildl. Div., Juneau, Alaska.
- Jones, J. K. Jr., D. C. Carter and H. H. Genoways. 1975. Checklist (rev.) of North American mammals north of Mexico. *Occas. Papers Mus. Texas Tech. Univ.* 28 : 1 - 14.
- Kay, E., P. C. Tourangeau and C. C. Gordon. 1976. Population variation of fluoride parameters in wild ungulates from the western United States. *Fluoride* 9(2) : 73 - 90.
- Kerr, G. R. 1962. Minimum requirements and biological study of mountain goat in west-central Alberta. Pro. Rep. No. 1., Dept. of Parks, Recr. and Wildl. Edmonton, Alberta. *Typescript.*
- Kerr, G. R. 1963. Weights and measurements of goats at Alberta Game Farm. Alberta Dept. of Parks, Recr. and Wildl. Edmonton, Alberta. *Typescript.*
- Kerr, G. R. 1962. Mountain goat reports - Region 4. Alberta Dept. of Parks, Recr. and Wildl., Edmonton, Alberta. *Typescript.*
- Kerr, G. R. 1965. The ecology of mountain goats in west-central Alberta. M. S. Thesis, University of Alberta, Edmonton, Alberta. 96pp.
- Kerr, G. R. and J. C. Holmes. 1966. Parasites of mountain goats in west-central Alberta. Alberta Dept. of Parks, Recr. and Wildl., Edmonton, Alberta. *Typescript.*
- Kerr, G. R. and J. C. Holmes. 1966. Parasites of mountain goats in west-central Alberta. *J. Wildl. Manage.* 30(4) : 786 - 790.
- Kindel, F. 1960 - 1962. Idaho game population census and range study - Mountain goat investigations. Idaho Fish and Game Dept., P-R Proj. Repts., W-85-R-11,12,13. Multilith.
- Kindel, F. 1961. Mountain goats of the Pahsimeroi. *Idaho Wildl. Review* 14(6) : 6 - 8.
- Kindel, F. 1961. The mountain goat hunting season, 1960. *Idaho Wildl. Review* 14(1) : 3 - 7.

- Kindel, F. 1961. Big game harvest trends and analyses - 1960 mountain goat hunter questionnaire. Idaho Fish and Game Dept., P-R Proj. Rep., W-85-R-12. 42pp. Multilith.
- Klein, D. R. 1952, 1953. Habitat requirements and population dynamics of the mountain goat; Seward-Kenai area, Alaska. Alaska Coop. Wildl. Res. Unit. Q. Repts. 3(3) : 9 - 10, 4(1) : 69, 4(4) : 3 - 4. Mimeogr.
- Klein, D. R. 1953. A reconnaissance study of the mountain goat in Alaska. M. S. Thesis, University of Alaska, College, Alaska. 121pp.
- Klein, D. R. 1961. The Alaskan mountain goat. Alaska Sportsman 27(3) : 14 - 16.
- Klein, D. R. 1965. Post-glacial distribution patterns of mammals in the southern coastal regions of Alaska. Arctic 18(1) : 7 - 20.
- Knight, E. A. 1974. *Trichuris oreamnos* sp. n. from the mountain goat, (*Oreamnos americanus*), in British Columbia, Canada, and a key to Trichurids in North American ruminants. J. Parasitol. 60(2) : 275 - 279.
- Krog, H. and M. Monson. 1954. Notes on the metabolism of a mountain goat. Am. J. Physiol. 178(3) : 515 - 516.
- Kuck, L. 1970. Rocky Mountain goat ecology. Idaho Fish and Game Dept., P-R Proj. Rep., W-144-R-02. 37pp. Multilith.
- Kuck, L. 1971. Mountain goat investigations in Idaho. Proc. Annu. Conf. Western Assoc. State Game and Fish Commissioners 51 : 386 - 392.
- Kuck, L. 1973. Rocky Mountain goat ecology - Studies II, III, and IV. Idaho Fish and Game Dept., P-R Proj. Repts., W-144-R-04. 63pp. Multilith.
- Kuck, L. 1974. Mountain goat ecology. Idaho Fish and Game Dept., P-R Proj. Rep., W-160-R-1. 6pp. Multilith.
- Leigh-Spencer, S. and D. Hebert. 1974. Wildlife/forestry interactions in T.F.L. No. 17. British Columbia Fish and Wildl. Branch, Nanaimo, British Columbia. 64pp. Typescript.
- Lentfer, J. W. 1954. A two-year study of the Rocky Mountain goat in the Crazy Mountains, Montana. M. S. Thesis, Montana State University.
- Lentfer, J. W. 1955. A two-year study of the Rocky Mountain goat in the Crazy Mountains, Montana. J. Wildl. Manage. 19(4) : 417 - 429.
- Lentfer, J. W. 1957. Rocky Mountain goat investigations. Montana Fish and Game Dept., P-R Proj. Rep., W-73-R-2. Multilith.
- Leopold, A. 1933. Game Management. Charles Scribner's Sons, New York. 481pp.
- Leopold, A. S. and F. F. Darling. 1953. Wildlife in Alaska - an ecological reconnaissance. Ronald Press, New York. 129pp.
- Lloyd, H. 1925. The introduction of the muskrat and Rocky Mountain goat on Vancouver Island. Can. Field Nat. 39 : 151 - 152.
- Lloyd, K. A. and E. S. Fleck. 1976. Aspects of the spring and summer ecology of the grizzly bear in southeast British Columbia. British Columbia Fish and Wildl. Branch, Cranbrook, British Columbia. Typescript.
- Longhurst, W. M. 1957. The effectiveness of hunting in controlling big game populations in North America. Trans. N. Am. Wildl. Conf. 22 : 554 - 569.
- Mace, R. U. 1962. Oregon's big game resources. Oregon State Game Comm. Wildl. Bull. No. 2. 33pp.
- Mackie, R. J. and H. W. Yeager. 1966. A list of literature pertaining to wildlife research and management in Montana. Montana Fish and Game Dept., Res. Section, Helena, Montana. Typescript.
- Macy, P. P. 1934. Some notes on the animal life of Mount Rainier National Park, Washington. Murrelet 15(2) : 46 - 48.
- Marrison, H. R. 1963. Sheep and goat report. Alaska Dept. of Fish and Game, Juneau, Alaska. Typescript.

- Martin, A. C., H. S. Zim and A. L. Nelson. 1951. American wildlife and plants, a guide to wildlife food habits. McGraw-Hill Book Co., New York. 500pp.
- Martin, N. S. 1966. Wildlife investigations - District Four. Montana Fish and Game Dept., P-R Proj. Rep., W-074-R-10. 12pp. Multilith.
- Martin, P. S. and H. E. Wright, Jr. (eds). 1967. Pleistocene extinctions: the search for a cause. Vol. 6 or Proc. of VII Congress of the International Assoc. for Quaternary Res. Yale University Press. New Haven, England. 453pp.
- Matthew, W. D. 1902. List of the pleistocene fauna from Hay Springs, Nebraska. Bull. Am. Mus. Nat. Hist. 16 : 317 - 322.
- McCaughran, D. A. 1963. Goat harvest analysis. British Columbia Fish and Wildl. Branch, Victoria, British Columbia. 14pp. Mimeogr.
- McCaughran, D. A. 1968. Methods of statistical analysis for hunter harvest data. British Columbia Fish and Wildl. Branch, Victoria, British Columbia. Mimeogr.
- McConnell, K. G. 1906. Report on the Klondike gold fields. Dept. Geol. Survey of Canada (N.S.) 14 (Part B) : 1 - 71.
- McCowan, D. 1936. Animals of the Canadian Rockies. Dodd, Mead and Co., New York. 302pp.
- McCrorry, W. 1965. Variation in the mountain goat (*Oreamnos americanus*). M. S. Thesis, University of British Columbia, Vancouver, British Columbia. 44pp.
- McCrorry, W. 1965. Preliminary report on the study of natural licks used by mountain goats and bighorn sheep in Jasper National Park. Proj. Rep., Can. Wildl. Serv., Edmonton, Alberta. 55pp. Mimeogr.
- McCrorry, W. 1967. Absorption and excretion by mountain goats of minerals found in a natural salt lick. Proj. Rep., Can. Wildl. Serv., Edmonton, Alberta. 22pp. Mimeogr.
- McDermott, P. J., Jr. 1951. Report of big game division shows history and status of Idaho game. Idaho Wildl. Review 4(3) : 4 - 7.
- McDowell, L. E. 1949. Rocky Mountain goat trapping. Montana Fish and Game Comm., Wildl. Restoration Div., Proj. 5-D-7. 14pp. Multilith.
- McDowell, L. E. and D. S. Stockstad. 1952. New techniques in handling big game problems in Montana. Proc. Annu. Conf. Western. Assoc. State Game and Fish Commissioners 32 : 210 - 213.
- McFetridge, R. J. 1974. Mountain goat population research in the Grande Cache area of Alberta. Prog. Rep. Alberta Fish and Wildl. Div., Edmonton, Alberta. 12pp. Typescript.
- McFetridge, R. J. 1976. Grande Cache mountain goat project. Prog. Rep., Dept. Zoology, University of Alberta, Edmonton, Alberta. 12pp. Typescript.
- McKnight, D. E. (ed.). 1971, 1973 - 1976. Annual report(s) of survey - inventory activities (Vols. 1 - 6). Alaska Dept. Fish and Game, Juneau, Alaska. Mimeogr.
- McLucus, J. 1956. Montana's big game transplanting program. Montana Wildl. 6(1) : 22 - 24.
- Merriam, H. R. 1960. Alaska wildlife investigations - goat distribution and population status. Alaska Dept. Fish and Game, P-R Proj. Rep., W-006-R-01. 10pp. Multilith.
- Merriam, H. R. 1965. Goat distribution and population status, southeast Alaska. Alaska Dept. Fish and Game, P-R Proj. Rep., W-6-R-2. Multilith.
- Millar, W. N. 1915. The big game of the Canadian Rockies - Conservation of fish, birds and goat. Proc. Com. Meeting, Nov. 1 - 2. The Methodist Book and Publ. House, Toronto, Ontario.
- Millar, W. N. 1915. Game preservation in the Rocky Mountains forest reserve. Forestry Branch Bull. No. 51, Gov. Printing Bur., Ottawa, Ontario. 69pp. Mimeogr.
- Mitchell, G. E. 1949. The big-game resource. Trans. N. Am. Wildl. Conf. 14 : 538 - 542.
- Mochi, U. and D. Carter. 1953. Hoofed Mammals of the World. Charles Scribner's Sons, New York. 85pp.

- Mollhagen, T. R., R. W. Wiley and R. L. Packard. 1972. Prey remains in golden eagle nests: Texas and New Mexico. *J. Wildl. Manage.* 36(3) : 784 - 792.
- Molney, P. J. 1948. A study of the pelages and the hairs of the ungulate mammals of Canada. B. A. Thesis, University of British Columbia, Vancouver, British Columbia. 50pp.
- Montana Fish and Game Dept. 1946. Trapping and transplanting goats. Biennial Rep. May 1, 1944 - April 30, 1946. Mimeogr.
- Montana Fish and Game Dept. 1953, 1955, 1957, 1959 and 1964. Biennial report of the Fish and Game Commission. Montana Fish and Game Dept. Mimeogr.
- Moody, P. A. 1958. Serological evidence of the relationships of the muskox. *J. Mammal.* 39(4) 554 - 559.
- Moorhead, B. B. 1973. Ecology of non-native mountain goats in Olympic National Park. Annu. Rep., Natl. Park Serv., U. S. Dept. Interior. 139pp. Multilith.
- Morgan, J. K. 1969. Biggame surveys and investigations. Idaho Fish and Game Dept., P-R Proj. Rep. W-085-R-20. 69pp. Multilith.
- Moser, C. A. 1963. Portrait of the Rocky Mountain goat. *Colorado Outdoors* 12(5) : 4 - 5.
- Munro, J. A. 1933. Rocky Mountain goat on Vancouver Island, British Columbia. *Can. Field Nat.* 47(5) : 95 - 96.
- Munro, J. A. 1945. Preliminary report on the birds and mammals of Glacier National Park, British Columbia. *Can. Field Nat.* 59(6) : 175 - 190.
- Munro, J. A. and I. McT. Cowan. 1944. Preliminary report on the birds and mammals of Kootenay National Park, British Columbia. *Can. Field Nat.* 58(2) : 34 - 51.
- Murie, A. 1944. The wolves of Mt. McKinley. Fauna of the Natl. Parks of the United States. Fauna Series No. 5. U. S. Gov. Printing Office, Washington, D. C. 238pp.
- Murie, O. J. 1954. A field guide to animal tracks. Petersen Field Guide Series No. 9. Houghton-Mifflin Co., Boston. 374pp.
- Neave, D. J. 1968. Status of the Rocky Mountain goat in region III. Alberta Fish and Wildl. Div., Edmonton, Alberta. 15pp. Typescript.
- Neiland, K. A. 1966. Alaska wildlife investigations. Alaska Dept. Fish and Game, P-R Proj. Rep., W-006-R-03. Multilith.
- Nelson, E. W. 1930. Wild animals of North America. Natl. Geogr. Soc., Washington, D. C. 231pp.
- Nelson, U. C. 1953. Stocking mountain goat (on) Kodiak Island, Alaska. Completion Rep., United States Fish and Wildl. Serv., Washington, D. C. 5pp. Multilith.
- Nelson, U. C., R. F. Scott and J. W. Brooks. 1951. Wildlife investigations of Alaska: mountain sheep studies. Alaska Dept. Fish and Game Q. Prog. Rep. 6(1) : 82 - 124.
- Nichols, L. and J. A. Erickson. 1969. Big game investigations: sheep report. Alaska Dept. Fish and Game, P-R Prog. Rep., W-015-R-04. Multilith.
- Norberg, E. R. 1958. Clearwater game and range study. Idaho Fish and Game Dept., P-R Prog. Rep., W-112-R-03. 109pp. Multilith.
- Oeming, A. F. 1975. Alberta's remarkable game farm. *Can. Geog. J.* 90(1) : 38 - 45.
- Office of Chief Scientist, National Park Service. 1974. List of science projects underway in the national park system during 1973. United States Dept. Interior, Washington, D. C. 327pp. Mimeogr.
- Olson, S. T. 1953. Distributions of some big game animals in southeast Alaska with particular reference to the Sitka Blacktail Deer. *Sci. In Alaska (Proc. Alaskan Sci. Conf.)* 4 : 182 - 186.
- Oregon Department of Fish and Wildlife. 1975. Annual Report of the Wildlife Division, Portland, Oregon. Mimeogr.

- Osgood, W. H. 1901. Natural history of the Queen Charlotte Islands. N. Am. Fauna, No. 21. United States Fish and Wildl. Serv., U. S. Gov. Printing Office, Washington, D. C. 87pp.
- Palmer, R. S. 1954. The mammal guide; mammals of North America north of Mexico. Doubleday Doran Co., Garden City, New York. 384pp.
- Palmer, T. S. 1904. Index generum mammalian. N. Am. Fauna, No. 23. United States Dept. of Agric. Bur. of Biol. Survey, U. S. Gov. Printing Office, Washington, D. C. 984pp.
- Pearse, P. H. and G. Bowden. 1966. Big game harvesting in the east Kootenay; a statistical analysis. British Columbia Fish and Wildl. Branch, Victoria, British Columbia. 69pp.
- Pearse, P. H. and G. Bowden. 1972. The value of resident hunting in British Columbia. Study Rep. No. 6, British Columbia Fish and Wildl. Branch, Victoria, British Columbia. 58pp.
- Peck, S. V. 1972. The ecology of the Rocky Mountain goat in the Spanish Peaks area of southwestern Montana. M. S. Thesis, Montana State University, Bozeman, Montana. 54pp.
- Peck, S. V. 1972. Statewide wildlife survey and inventory: Spanish Peaks mountain goat study. Montana Fish and Game Dept. 63pp. Typescript.
- Peck, J. H. 1962. Rocky Mountain goat investigations. Montana Fish and Game Dept. P-R Proj. Rep. W-98-R-2. 22pp. Multilith.
- Pehrson, R. V. 1963. Mountain goat investigations. Idaho Fish and Game Dept., P-R Proj. Rep., W-85-R-14. 13pp. Multilith.
- Pehrson, R. V. 1970. Big game census and check station. Idaho Fish and Game Dept. 48pp. Typescript.
- Pehrson, R. V. 1972. Wildlife of the middle fork. Nat. Minneapolis 13(2) : 20 - 25.
- Petosa, R. G. 1973. The effect of snow cover on the social behavior of bighorn rams and mountain goats. Can. J. Zool. 51 : 987 - 993.
- Petrides, G. A. 1947. Adult-juvenile ratio of mountain goats in the continental big game management unit, Sun River-Flathead River, Montana. Montana Fish and Game Dept., P-R Proj. Rep., 1-R. 62pp. Multilith.
- Petrides, G. A. 1947. Adult-juvenile ratio of mountain goats in Glacier National Park. J. Mammal. 39 : 185.
- Petrides, G. A. 1948. Mountain goat age ratios in Montana. J. Mammal. 29(2) : 185.
- Pfieffer, E. W. 1947. Ecology of the winter ranges of Jasper National Park. B. A. Thesis, University of British Columbia, Vancouver, British Columbia.
- Pfieffer, E. W. 1948. Some factors affecting the winter ranges of Jasper National Park. M. A. Thesis, University of British Columbia, Vancouver, British Columbia. 56pp.
- Phelps, D. E., B. Jamieson and R. A. DeMarchi. 1975. Mountain goat management in the Kootenays. British Columbia Fish and Wildl. Branch, Cranbrook, British Columbia. 59pp. Typescript.
- Pilgrim, G. E. 1941. The dispersal of the Artiodactyla. Biol. Rev. Cambridge Philos. Soc. 16(2) : 134 - 163.
- Pratt, H. S. 1935. Vertebrate animals of the United States. P. Blakiston's Son and Co., Inc., Philadelphia. 416pp.
- Preble, E. A. 1908. A biological investigation of the Athabaska-Mackenzie region. N. Am. Fauna, No. 27. United States Dept. of Agric., Bur. of Biol. Survey, U. S. Gov. Printing Office, Washington, D. C. 574pp.
- Quaedvlieg, M. T. 1973. Tracking of transplanted goats on Shunda Mountain. Wildl. Inventory Completion Rep. No. 8. Alberta Fish and Wildl. Div., Edmonton, Alberta. 8pp. Typescript.
- Quaedvlieg, M. T. 1973. Goat transplant, 1972. Alberta Fish and Wildl. Div. Proj. No. W-4-72. Edmonton, Alberta. Mimeogr.
- Quaedvlieg, M. T., M. Boyd, G. Gunderson and A. Cook. 1973. Status of the Rocky Mountain goat in the Province of Alberta. Wildl. Inventory Spec. Rep. Alberta Fish and Wildl. Div., Edmonton, Alberta. 31pp. Typescript.

- Quaedvlieg, M. T., G. Gunderson and A. Cook. 1973. Documentation of the 1972 mountain goat permit season. Wildl. Inventory Completion Rep. No. 14. Alberta Fish and Wildl. Div., Edmonton, Alberta. 19pp. Typescript.
- Quaedvlieg, M. T., G. Gunderson and A. Cook. 1973. Goat transplant. 1972 Wildl. Inventory Completion Rep. No. 7. Alberta Fish and Wildl. Div., Edmonton, Alberta. 32pp. Typescript.
- Halls, K. 1975. Agonistic behavior in maxwells duiker Cephalophus maxwelli. *Mammalia* 39(2) : 241 - 249.
- Rhode, C. J. and W. Baker. 1953. Alaska's fish and wildlife. United States Fish and Wildl. Branch, Circular No. 17. U. S. Gov. Printing Office, Washington, D. C. 60pp.
- Richard, J. E. 1966. A study of the big game animals of the Flathead Indian Reservation, Montana. M. S. Thesis, Montana State University.
- Richardson, A. H. 1971. The Rocky Mountain goat in the Black Hills. South Dakota Dept. of Fish, Game and Parks. Bull. No. 2. 25pp.
- Richardson, A. H. and J. Blankenship. 1967. The Rocky Mountain goat in the Black Hills. Black Hills Natl. Forest. 4pp. Typescript.
- Rideout, C. B. 1973. The goats on Dome-shaped Mountain. *Montana Outdoors* 4(3) : 2 - 5.
- Rideout, C. B. 1974. A comparison of techniques for capturing mountain goats. *J. Wildl. Manage.* 38(3) : 573 - 575.
- Rideout, C. B. 1974. Radio tracking the Rocky Mountain goat in western Montana. *Biomedical Sci. Instrumentation - Proc. 11th Annu. Rocky Mountain Bioengineering Symp. and the 11th International ISA Biomedical Sci. Instrumentation Symp.* 10 : 139 - 144.
- Rideout, C. B. 1974. A radio telemetry study of the ecology and behavior of the mountain goat. Ph. D. Thesis, University of Kansas, Lawrence, Kansas. 146pp.
- Rideout, C. B. 1974. Goats of Gunsight Pass. *Natl. Parks and Conserv.* 48(2) : 18 - 21.
- Rideout, C. B. and G. L. Worthen. 1975. Use of girth measurement for estimating weight of mountain goats. *J. Wildl. Manage.* 39(4) : 705 - 708.
- Rideout, C. B. and R. S. Hoffman. 1975. Oreamnos americanus. *Mammalian Species* 63 : 1 - 6.
- Rogers, R. 1960. Idaho mountain goats moved to a new home. *Idaho Wildl. Review* 13(2) : 6 - 7.
- Rognrud, M. J. 1946. A preliminary investigation of mountain goats in the continental big game management unit, Sun River-Flathead River, Montana. Montana Fish and Game Dept., P-R Proj. Rep., 1-R. 62pp. Multilith.
- Rognrud, M. J. 1947. Trapping and transplanting mountain goats. Montana State Fish and Game Dept., Wildl. Restoration Div. 5pp. Typescript.
- Rognrud, M. J. 1949. Montana mountain goat distribution and census survey. Montana Fish and Game Dept., Wildl. Restoration Div. Typescript.
- Rognrud, M. J. 1950. Aerial census of Rocky Mountain goats in the Bitterroot Range. Montana Fish and Game Comm., Wildl. Restoration Div. Q. Prog. Rep. 10 : 73 - 78.
- Rognrud, M. J. 1955. Western Montana big game surveys: evaluation of artificial salting and aerial salt distribution. Montana Fish and Game Dept. 31pp. Typescript.
- Rognrud, M. J. 1958, 1960 and 1961. Wildlife investigations - District Two. Montana Fish and Game Dept. Mimeogr.
- Rothweiler, B. A. 1964. Wildlife investigations - District Four. Montana Fish and Game Dept. 9pp. Mimeogr.
- Rush, W. M. 1942. Wildlife in Idaho. Caxton Printers Ltd., Caldwell, Idaho.
- Rush, W. M. 1942. Wild animals of the Rockies. Harper and Brothers Publ., New York. 296pp.
- Russell, D. 1974. Grizzly bear-mountain goat investigations in Knight Inlet, British Columbia. British Columbia Fish and Wildl. Branch, Nanaimo, British Columbia. Typescript.

- Rust, H. G. 1946. Mammals of northern Idaho. *J. Mammal.* 27(4) : 308 - 327.
- Rutherford, R. M. 1949. Ten years of Pittman-Robertson wildlife. Colorado Fish and Game Dept. Publ. 128pp. Multilith.
- Rutherford, W. H. 1969. Location and distribution of mountain goat herds in Colorado. Colorado Game, Fish and Parks, P-R Proj. Rep., W-41-R-20. Multilith.
- Rutherford, W. H. 1972. Status of mountain goats in Colorado. Colorado Dept. of Nat. Resour., Div. of Game, Fish and Parks. Game Information Leaflet No. 90. 4pp.
- Rutherford, W. H. 1972. Guidelines for evaluation of mountain goat transplant sires in Colorado. Colorado Dept. of Nat. Resour., Div. of Game, Fish and Parks. Game Information Leaflet No. 91. 6pp.
- Rutherford, W. H. and T. Woodard. 1969. Bighorn sheep and mountain goat investigation. Colorado Fish and Game Dept., P-R Proj. Rep., W-41-R-19. 3pp. Multilith.
- Sage, S. L. 1973. Alaska and its wildlife. Viking Press, New York. 128pp.
- Samuel, W. M., G. A. Chalmers, J. G. Stelfox, A. Loewen and J. Thomson. 1975. Contagious ecthyma in bighorn sheep and mountain goat in western Canada. *J. Wildl. Dis.* 11(1) : 26 - 31.
- Saunders, J. K. 1954. A two-year investigation of the food habits and range use of the Rocky Mountain goat in the Crazy Mountains, Montana. M. S. Thesis, Montana State Univ.
- Saunders, J. K. 1955. Good habits and range use of the Rocky Mountain goat in the Crazy Mountains, Montana. *J. Wildl. Manage.* 19(4) : 429 - 437.
- Scharff, R. F. 1912. Distribution and origin of life in America. MacMillan Co., New York. 469pp.
- Scheffer, V. B. and W. W. Dalquest. 1944. Records of mountain goat and moose from Washington State. *J. Mammal.* 25(4) : 412 - 413.
- Scheffler, E. G. 1969. Proposed goat research program. Alberta Fish and Wildl. Div., Edmonton, Alberta. 9pp. Typescript.
- Scheffler, E. G. and E. DeSock. 1971. Mountain goat research project, Willmore Wilderness Park. Alberta Dept. Parks, Recr. and Wildl., Edmonton, Alberta. Typescript.
- Scott, J. D. 1972. His friends call him Billy. *Natl. Wildl.* 10(3) : 20 - 23.
- Scott, J. D. 1972. Master of the meadow. *Natl. Wildl.* 10(4) : 12 - 15.
- Scott, W. B. 1937. A history of land mammals in the western hemisphere. MacMillan Co., New York. 786pp.
- Seton, E. T. 1926. Animals. Doubleday, Page and Co., New York. 299pp.
- Seton, E. T. 1927. Lives of the game animals (3 Vols.). Doubleday, Doran and Co. Inc., New York. 780pp.
- Shank, C. C. 1972. Some aspects of social behavior in a population of feral goats (*Capra hircus* L.). *Z. Tierpsychol.* 30(5) : 488 - 528.
- Shaw, W. M. 1938. Status and hunting of mountain goats in Idaho. *Idaho Wildl. Review* 11(3) : 10 - 12.
- Shaw, W. M. 1964. Idaho game population census and range study: disease and parasitism tests and reports. Idaho Fish and Game Dept., P-R Proj. Rep., W-085-R-14. 21pp. Multilith.
- Shaw, W. M. 1967. Trapping, tagging and transplanting. Idaho Fish and Game Dept., P-R Proj. Rep., W-075-D-14. 20pp. Multilith.
- Sheldon, W. G. 1932. Mammals collected or observed in the vicinity of Laurier Pass, British Columbia. *J. Mammal.* 13(3) : 196 - 203.
- Sheppe, E. A. 1955. Mammal distribution in relation to disease. *Symp. Ecol. Dis. Transmission in native animals.* University of Utah.

- Sheppe, W. A. Jr. 1959. Notes on the distribution and habitats of mammals in the Pacific Northwest. *Murrelet* 40(1) : 1 - 4.
- Simon, N. and P. Geroudet. 1970. Last survivors: the natural history of animals in danger of extinction. World Publ. Co., New York. 275pp.
- Simpson, G. G. 1945. The principles of classification and a classification of mammals. *Bull. Am. Mus. Nat. Hist.* 85 : 1 - 350.
- Sinclair, W. J. 1905. New mammals from the Quaternary caves of California. University of California Publ., *Bull. Dept. Geology* 4 : 152 - 153.
- Singer, F. J. 1975. Behavior of mountain goats, elk and other wildlife in relation to U. S. Highway 2. Glacier Natl. Park Serv., West Glacier, Montana. 98pp. Typescript.
- Singleton, J. 1976. Food habits of wild ungulates in British Columbia: bibliography and Plant synopsis. Environment and Land Use Secretariat, Dept. of the Environment and Fish and Wildl. Branch, Dept. of Recr. and Travel Industry. 51pp. Mimeogr.
- Skinner, M. P. 1926. Mountain goat (*Oreamnos montanus missoulae*) not found in Wyoming. *J. Mammal.* 7(4) : 334 - 335.
- Smith, B. L. 1976. Ecology of Rocky Mountain goat in the Bitterroot Mountains, Montana. M. S. Thesis, University of Montana, Missoula, Montana.
- Smith, D. R. 1953. Management study of the Rocky Mountain bighorn sheep. Idaho Fish and Game Dept. P-R Proj. Rep., W-099-R-02. 83pp. Multilith.
- Smith, M. W. 1963. Colorado's Rocky Mountain goats. *Colorado Outdoors* 12(5) : 1 - 9.
- Soper, J. D. 1947. Observations on mammals and birds in the Rocky Mountains of Alberta. *Can. Field Nat.* 61(5) : 143 - 174.
- Soper, J. D. 1973. The mammals of Waterton Lakes National Park, Alberta. *Can. Wildl. Serv. Rep. Series No. 23.* 55pp.
- South Dakota Department of Game, Fish and Parks. 1929 - 1964. Annual Reports.
- Stelfox, J. G. 1957 - 1964. Mountain big game trophy harvests and measurements of bighorn, Rocky Mountain goat, caribou and bear in northwest Alberta. Proj. No. W-3-57-64, Alberta Fish and Wildl. Div., Edmonton, Alberta. Typescript.
- Stelfox, J. G. 1964. Status of Rocky Mountain goats in W.M.U.F. 356: their abundance, distribution and harvest potential. Alberta Fish and Wildl. Div., Edmonton, Alberta. 12pp. Typescript.
- Stelfox, J. G. 1965. Mountain big game harvests and trophy measurements in northwestern Alberta for 1965 of bighorn sheep, Rocky Mountain goats, caribou, bear and cougar. Proj. No. W-3-65, Alberta Fish and Wildl. Div., Edmonton, Alberta. Typescript.
- Stelfox, J. G. 1966. Bighorn and Rocky Mountain goat populations, reproduction, harvests and proposed 1966 seasons in Northwestern Alberta. Alberta Fish and Wildl. Div., Edmonton, Alberta. 44pp. Typescript.
- Stelfox, J. G. 1971. Bighorn sheep in the Canadian Rockies: a history 1800 to 1970. *Can. Field Nat.* 85(2) : 101 - 122.
- Stelfox, J. G. and G. R. Kerr. 1962. The status of Rocky Mountain goats in the forested regions of the Wildhay River and Pinto Creek areas in Zone 14, east of the sixth meridian; and their prospects for future survival. Alberta Fish and Wildl. Div., Edmonton, Alberta. 8pp. Typescript.
- Stock, C. 1918. The pleistocene fauna of Hauver (Samwell) Cave. University of California Publ., *Dept. Geology* 10(24) : 461 - 515.
- Stock, C. 1937. A new mountain goat from the Quaternary of Smith Creek Cave, Nevada. *Bull. South California Acad. Sci.* 35(3) : 149 - 153.
- Stockstad, D. 1959. Montana's high flying goats. *Montana Sports Outdoors* 1(4) : 11 - 14.
- Stockstad, D. S., M. S. Morris and E. C. Lory. 1953. Chemical characteristics of natural licks used by big game animals in western Montana. *Trans. N. Am. Wildl. Conf.* 18 : 247 - 258.



- Sumanik, K. 1970. Goats in the Nass Range. British Columbia. British Columbia Fish and Wildl. Branch, Cranbrook, British Columbia. 25pp. Typescript.
- Swales, W. E. 1934. Skrjabinema oreamni sp. nov., a new nematode parasite of Oreamnos americanus and Rangifer sp. in Canada. Can. J. Res. 10(5) : 527 - 531.
- Swarth, H. S. 1922. Birds and mammals of the Stikine River region of northern British Columbia and southeastern Alaska. University of California Publ. Zool. 24 : 125 - 314.
- Swarth, H. S. 1936. Mammals of the Atlin region, northwestern British Columbia. J. Mammal. 17(4) : 398 - 405.
- Swift, L. W. 1940. Rocky Mountain goats in the Black Hills of South Dakota. Trans. N. Am. Wildl. Conf. 5 : 441 - 443.
- Thompson, K. 1952. New horizons for goats. Montana Wildl.
- Thompson, W. K. 1946. Trapping and transplanting mountain goats in Montana. Montana Fish and Game Dept., Wildl. Restoration Div. 10pp. Typescript.
- Tillenius, C. 1953. Big game of Canada. Beaver 284 : 13 - 20.
- Todd, K. S. and B. W. O'Gara. 1968. Eimeria montanaensis n. sp. and E. ernesti n. sp. (Protozoa, Eimeriidae) from the Rocky Mountain goat Oreamnos americanus. J. Protozool. 15(4) : 808 - 810.
- Townsend, J. E. 1959. Wildlife Investigations - District Three. Montana Fish and Game Dept., P-R Proj. Rep., W-073-R-04. Multilith.
- Townsend, J. E. 1963. Wildlife Investigations - District Five. Montana Fish and Game Dept., P-R Proj. Rep., W-075-R-08. Multilith.
- Trippensee, R. E. 1948. Wildlife management (2 Vols.). McGraw - Hill Book Co. Inc., New York. 479pp.
- Trout, L. E. and J. L. Thiessen. 1971. Big game range investigations. Idaho Fish and Game Dept., P-R Proj. Rep., W-141-R-02. 5pp. Multilith.
- Teukamoto, G. 1967. Statewide wildlife surveys: experimental Rocky Mountain goat introduction. Nevada Fish and Game Comm., P-R Proj. Rep., W-043-R-02. 3pp. Multilith.
- Turner, R. W. 1974. Mammals of the Black Hills of South Dakota and Wyoming. University Kansas Mus. Nat. Hist. 60 : 1 - 178.
- United States Fish and Wildlife Service. 1956. Big game inventory for the year 1956. Branch of Wildl. Res., Leaflet No. 395. 3pp.
- United States Fish and Wildlife Service. 1961. Big game inventory for the year 1961. Branch of Wildl. Res., Leaflet No. 446.
- Vaughan, M. R. 1975. Aspects of mountain goat ecology, Wallowa Mountains, Oregon. M. S. Thesis, Oregon State Univ., Corvallis, Ore. 113pp.
- Viereck, L. A. 1963. Sheep and goat investigations: range survey. Alaska Dept. Fish and Game, Juneau, Alaska. Typescript.
- Wadkins, L. A. 1961. Winter observations. Washington Fish and Game Dept., P-R Proj. Rep., W-66-R-02. Multilith.
- Wadkins, L. A. 1965. Population studies of mountain goats. Washington State Dept. of Game, P-R Proj. Rep., W-66-R-06. Multilith.
- Wadkins, L. A. 1967. Goat management study. Washington State Dept. of Game. P-R Proj. Rep., W-66-R-06. 19pp. Multilith.
- Walker, E. P., F. Warnick, K. I. Lange, H. E. Vible, S. E. Hamlet, M. A. Davis and P. F. Wright. 1975. Mammals of the world. 3rd Ed. (2 Vols.). John Hopkins University Press, Baltimore. 1500pp.
- Washington State Dept. of Game. 1952. Washington's mountain goat. Washington State Game Bull. 4(2) : 7 - 8.

- Washington State Dept. of Game. 1954. Mountain goat harvest in Washington. Washington State Game Bull. 6(2) : 4.
- Watts, R., A. Schallenberger and F. Feist. 1972. Big game survey and inventory - District Four. Montana Dept. Fish and Game, P-R Proj. Rep., W-130-R-02. Multilith.
- Webster, E. B. 1932. Status of the mountain goats introduced into the Olympic Mountains, Washington. Murrelet 13(1) : 25.
- White, D. 1946. Transplanting Rocky Mountain goats. Nat. Hist. 55(1) : 20 - 23.
- Whitney, C., G. B. Grinnel and O. Wister. 1904. Musk-ox, bison, sheep and goat. MacMillan Co., New York. 284pp.
- Wilber, C. G. 1946. Mammals of the Knik River Valley, Alaska. J. Mammal. 27(3) : 213 - 216.
- Williams, A. B. 1935. Fish and game in British Columbia. Sun Directories Limited, Vancouver, British Columbia. 206pp.
- Williams, J. 1938. His majesty. Alaskan Sportsman 4(6) : 16 - 18, 25 - 26.
- Williams, J. P. 1952. Alaskan adventure. Stackpole Books. 299pp.
- Williams, M. Y. 1942. Geological background of the fauna of North America. Murrelet 23(1) : 11 - 13.
- Wilson, D. R. 1956. Ontario's mountain goats. Sylva 12(6) : 13.
- Wilson, R. W. 1942. Preliminary study of the fauna of Rampart Cave, Arizona. Publ. Carnegie Institute 530 : 169 - 185.
- Wright, G. M. and B. H. Thompson. 1935. Fauna of the national parks of the United States. U. S. Gov. Printing Office, Washington, D. C.
- Wright, R. T. 1974. Mountain goat. Wildl. Review 7(1) : 12 - 14.
- Wyoming Game and Fish Commission. 1955. Wyoming's mountain goat experiment. Wyoming Wildl. 19(9) : 10 - 13.
- Wyoming Game and Fish Commission. 1970 - 1975. Annual report of big game harvest. P-R Proj. Rep., W-27-R-24 to 29, Laramie, Wyoming. Mimeogr.
- Yeager, L. E. 1972. Colorado game research review 1970 - 1971. Colorado Div. of Game, Fish and Parks. 41pp. Mimeogr.
- Zakheim, R., L. Mattioli, R. Hertzog, A. Molteni and D. Svoboda. 1976. Angiotensin 2(A - 2) and angiotensin converting enzyme in animals native to high altitude and native to sea level. Federation Am. Soc. Exp. Biol., Federation Proc. 35(3) : 480. Abstract.
- Zuidema, H. P. 1943. Hunting mountain goats with a miniature camera. Nat. Hist. 52(1) : 38 - 40.