



**MONTANA WILDLIFE MANAGEMENT AREA
AND LIVESTOCK-WILDLIFE INTERACTIONS
BIBLIOGRAPHY**



MSU RANGE STUDENTS, MOUNT FLEECER WMA (MAY 2010) MARGARET FRISINA PHOTO

**MICHAEL R. FRISINA
R. MARGARET FRISINA**

"HISTORY REPEATS ITSELF BECAUSE
NO ONE WAS LISTENING THE FIRST TIME." —ANONYMOUS

"IF YOU WOULD UNDERSTAND ANYTHING, OBSERVE
ITS BEGINNING AND ITS DEVELOPMENT." —ARISTOTLE

*A product of the Habitat Section
Wildlife Division*

This document was prepared under Project W-154-R.
Copyright 2010 Montana Department of Fish, Wildlife & Parks. All rights reserved.
Printed in the USA. Permission to reproduce or copy any portion of this report is granted
on condition of full credit to Montana Department of Fish, Wildlife & Parks.
Not for sale/resale.



**MONTANA WILDLIFE MANAGEMENT AREA
AND LIVESTOCK-WILDLIFE INTERACTIONS
BIBLIOGRAPHY**

by

Michael R. Frisina and R. Margaret Frisina

The Montana Department of Fish, Wildlife and Parks (FWP) has a long history of encouraging the use of Wildlife Management Areas (WMAs) as laboratories for furthering our knowledge of wildlife ecology and management. While not exhaustive, our bibliography provides a comprehensive example of what has been accomplished over the years. Many of the papers included in this list have served to set the current philosophy and scientific knowledge used by FWP for contemporary management of Montana's WMAs. In some instances FWP cooperated in a variety of ways on research projects to further understanding of wildlife issues on lands other than WMAs. For example, as a spin-off to WMA management, for many years FWP has actively participated in research and management projects associated with the interactions of wildlife and livestock on Montana's landscape, in keeping with the philosophy that wildlife conservation is best served by integrating management of WMAs with the larger landscape or range of targeted wildlife species. The aforementioned is the basis for creating a bibliography merging WMA management and research publications with wildlife-livestock-range management publications. Our purpose is to provide a reference for FWP employees and others for managing wildlife populations in concert with other rangeland resources in Montana. The bibliographic list of 511 books, papers, and bulletins emphasizes the following:

- 1.** Articles pertaining to the research, management and public use of Montana's state-administered WMAs.
- 2.** Articles on the subjects of range ecology, wildlife ecology, and management in which FWP was a cooperator. Many of these publications were done in cooperation with Montana State University, University of Montana, and other state, federal and private entities. In some instances articles reflect cooperative research accomplished on lands of varied ownership.
- 3.** Articles reflecting range use (i. e. browsing, grazing, habitat requirements, habitat use) by wild and domestic animals.
- 4.** Articles on wildlife ecology that provide insight necessary to coordinate management of wildlife with agricultural land uses.
- 5.** Select FWP Federal Aid Job Progress Reports are included.

The citations for Vallentine (2001) and Krausman (2002) are included because, while not FWP sponsored publications, these textbooks reference papers by FWP employees as wildlife management examples attesting to the pioneering nature of many of the projects cited.

The book *Browse Evaluation by Analysis of Growth Form* (Keigley and Frisina 1998) is currently being revised into a new edition. The method has been widely adopted by an array of federal and state agencies as well as NGOs. The method is among those used by the U.S. Forest Service and U. S. Bureau of Land Management in the Western United States. Additionally, it has become a preferred approach for environmental consultants, and state and provincial natural resource agencies that require an effective and practical approach to monitoring the health of woody plant communities. The revised edition addresses many of the questions raised by the initial edition as well as incorporates constructive comments received from users.

Author and subject indexes are provided for ease of use.

BIBLIOGRAPHY

- 001. Aderhold, M. W. 1972.** History, winter range, and current status of the Rock Creek, Montana, bighorn sheep herd. Masters thesis, University of Montana, Missoula.
- 002. Aderhold, M. 1985.** Arresting weeds: Ninepipe. *Montana Outdoors* 16(2):15-20.
- 003. Aderhold, M. 1986.** Dedicated to wildlife. *Montana Outdoors* 17(6):2-7.
- 004. Allen, E. O. 1965.** Food and range use habits of whitetail deer on Missouri River bottomlands in northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 005. Allen, E. O. 1968.** Range use, foods, condition, and productivity of white-tailed deer in Montana. *Journal of Wildlife Management* 32:130-141.
- 006. Alley, J. and R. Hanson. 1986.** Dozers for ducks. *Montana Outdoors* 17(3):27-29.
- 007. Alt, K. and M. R. Frisina. 2000.** Natural regulation and Yellowstone National Park: Unanswered questions. *Rangelands* 22(5):3-6.
- 008. Alt, K. L., M. R. Frisina, and F. J. King. 1992.** Coordinated management of elk and cattle, a perspective: Wall Creek Wildlife Management Area. *Rangelands* 14(1):12-15.
- 009. Andryk, T. A. 1983.** Ecology of bighorn sheep in relation to oil and gas development along the east slope of the Rocky Mountains, northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 010. Atwater, M. G. 1958.** A two-year study of re-nesting in Canada geese (*Branta canadensis*) in Phillips County, Montana. Masters thesis, Montana State College, Bozeman.
- 011. Atwater, M. G. 1959.** A study of re-nesting in Canada geese in Montana. *Journal of Wildlife Management* 23:91-97.
- 012. Auchley, B. 1992.** Waterfowl skies over Freezout. *Montana Outdoors* 23(5):27-31.
- 013. Auchly, B. and Q. Kujala. 1995.** Spirit of the Front: Ear Mountain Wildlife Management Area. *Montana Outdoors* 26(4):17-20.
- 014. Auchley, B. and J. Williams. 1994.** Out of the ashes: Beartooth Wildlife Management Area. *Montana Outdoors* 25(6):19-22.
- 015. Austin, R. R. 1973.** Habitat diversity as related to pheasant use on a game management area in northwestern Montana (Ninepipe). Masters thesis, Montana State University, Bozeman.
- 016. Ayers, D. M., D. J. Bedunah, and M. G. Harrington. 1999.** Antelope bitterbrush and Scouler's willow response to a shelterwood harvest and prescribed burn in western Montana. *Western Journal of Applied Forestry* 14:137-143.

- 017. Barraclough, M. E. 1954.** Biology of Canada geese (*Branta canadensis moffiti*) in the Flathead Valley of Montana. Masters thesis, University of Montana, Missoula.
- 018. Baty, G. R. 1995.** Resource partitioning and browse use by sympatric elk, mule deer, and white-tailed deer on winter range in western Montana. Masters thesis, University of Montana, Missoula.
- 019. Bayless, S. R. 1967.** Food habits and home range of pronghorn antelope in central Montana during winter. Masters thesis, Montana State University, Bozeman.
- 020. Beal, R. G. 1974.** Winter habitat selection and use by a western Montana elk herd. PhD dissertation, University of Montana, Missoula.
- 021. Becker, B. W. 1972.** Pronghorn-cattle range use, food habits and relationships in an enclosed sagebrush control area. Masters thesis, Montana State University, Bozeman.
- 022. Berg, P. F. 1955.** A study of waterfowl broods in eastern Montana with a special reference to movements and the relationship of reservoir fencing to production. Masters thesis, Montana State College, Bozeman.
- 023. Berg, P. F. 1956.** A study of waterfowl broods in eastern Montana with special reference to movements and the relationship of reservoir fencing to production. *Journal of Wildlife Management* 20:253-262.
- 024. Bergstrom, R. D. 2008.** The geographic and economic importance of hunting in southwestern Montana, USA. Masters thesis, Montana State University, Bozeman.
- 025. Berner, K. L. 1985.** Winter and spring habitat selection by white-tailed deer in a western Montana second-growth forest. Masters thesis, University of Montana, Missoula.
- 026. Berwick, S. H. 1968.** Observations of the decline of the Rock Creek, Montana, population of bighorn sheep. Masters thesis, University of Montana, Missoula.
- 027. Best, L. B. 1970.** Effects of ecological changes induced by various sagebrush control techniques on non-game birds. Masters thesis, Montana State University, Bozeman.
- 028. Best, L. B. 1972.** First-year effects of sagebrush control on two sparrows. *Journal of Wildlife Management* 36:534-544.
- 029. Beyer, A. C. 2008.** Habitat comparisons of historically stable and less stable bighorn sheep populations. Masters thesis, Montana State University, Bozeman.
- 030. Biggens, D. E. 1975.** Seasonal habitat selection and movements of the Spotted Bear elk herd. Masters thesis, University of Montana, Missoula.
- 031. Bissel, G. 1982.** A survey of trace metal pollution in a forest ecosystem southwest of Anaconda, Montana. Masters thesis, University of Montana, Missoula.
- 032. Bissel, G. 1985.** A survey of trace metal pollution in a forest ecosystem near the Anaconda copper smelter, Montana. Pp. 152-180 in *Biomonitoring, bioindicators, and bioassays of environmental quality*. Proceedings of the American Association for the Advancement of Science, Pacific Division, Missoula, Montana.

- 033. Boggs, K. W. 1984.** Succession in riparian communities of the lower Yellowstone River, Montana. Masters thesis, Montana State University, Bozeman.
- 034. Bohne, J. R. 1974.** Food habits, seasonal distribution, and habitat utilization of elk in the South Fork of Fish Creek, Lolo National Forest, Montana. Masters thesis, University of Montana, Missoula.
- 035. Books, D. 1983.** Department lands: Freezout Lake Wildlife Management Area. *Montana Outdoors* 14(5):2-4.
- 036. Braun, C. E., T. Britt, and R. O. Wallstead. 1977.** Guidelines for maintenance of sage grouse habitat. *Wildlife Society Bulletin* 5:99-106.
- 037. Brazda, A. R. 1952.** Elk migration patterns and some of the factors affecting movements in the Gallatin River Drainage, Montana. Masters thesis, Montana State College, Bozeman.
- 038. Brazda, A. R. 1953.** Elk migration patterns and some of the factors affecting movements in the Gallatin River drainage, Montana. *Journal of Wildlife Management* 17:9-23.
- 039. Bricker, M., D. Pearson, and J. Maron. 2010.** Small-mammal seed predation limits the recruitment and abundance of two perennial grass forbs. *Ecology* 91:85-92.
- 040. Brockman, S. P. 1988.** Winter habitat selection by the sexes of white-tailed deer. Masters thesis, University of Montana, Missoula.
- 041. Brown, D. L. 1947.** Aerial census of deer and range inspection on Fort Peck Game Range, P-R Quarterly Report 7. Montana Department of Fish and Game, Helena.
- 042. Brown, D. L. 1955.** Deer and elk trapping and tagging on Judith Game Range, P-R Quarterly Report, Project W-59-R-2 6(2). Montana Department of Fish and Game, Helena.
- 043. Brown, G. W. 1974.** Distribution and population characteristics of bighorn sheep near Thompson Falls in northwestern Montana. Masters thesis, University of Montana, Missoula.
- 044. Brown, J. 1993.** A river runs by it: Kootenai Falls Wildlife Management Area. *Montana Outdoors* 24(5):3-6.
- 045. Brown, L. E. and D. L. Brown. 1950.** Checking station and sex ratio data for Fort Peck Game Range and adjoining region. P-R Quarterly Report, Federal Aid Project 1-R January. Montana Department of Fish and Game, Helena.
- 046. Brown, R. R. 1980.** The status of the Columbian sharp-tailed grouse in the Tobacco Plains, Erueka, Montana. Senior thesis, University of Montana, Missoula.
- 047. Bruggeman, J. E. 2006.** Spatio-temporal dynamics of the central bison herd in Yellowstone National Park. PhD dissertation, Montana State University, Bozeman.
- 048. Bucsis, R. A. 1974.** Ecological characteristics of the Armstrong mule deer winter range, Bridger Mountains. Masters thesis, Montana State University, Bozeman.
- 049. Bucsis, D. 1993.** Forever elk, forever wind (Judith River Wildlife Management Area). *Montana Outdoors* 24(6):15-19.

- 050. Burleigh, W. 1978.** Seasonal distribution and historical decline of the Rocky Mountain goat in the Cabinet Mountains, Montana. Masters thesis, University of Montana, Missoula.
- 051. Buss, I. O. and F. Hartkorn. 1952.** Pheasant propagation and range conditions-western Montana. Montana Department of Fish and Game special report. Montana Department of Fish and Game, Helena.
- 052. Butts, T. 1980.** Distribution and population characteristics of the upper Rock Creek bighorn sheep. Masters thesis, University of Montana, Missoula.
- 053. Cada, J. D. 1968.** Populations of small mammals in central Montana with special reference to tentative sagebrush control sites. Masters thesis, Montana State University, Bozeman.
- 054. Campbell, R. B. 1970.** Pronghorn, sheep and cattle range relationships in Carter County, Montana. Masters thesis, Montana State University, Bozeman.
- 055. Campbell, R. B. and C. J. Knowles. 1978.** Elk hunter-livestock interactions in the Missouri River Breaks. Job Final Report. Survey and Inventory Project, Project No. W-130-R-9, Job No. I-6.5. Montana Department of Fish, Wildlife and Parks, Helena.
- 056. Canfield, J. E. 1984.** Elk habitat use and the impact of the construction and energization of a 500-KV AC powerline on the North Boulder Winter Range, Montana. Masters thesis, Montana State University, Bozeman.
- 057. Carlsen, T. E. 1984.** Waterfowl nesting on islands in two ponds of the Canyon Ferry Wildlife Management Area, Montana. Masters thesis, Montana State University, Bozeman.
- 058. Carroll, B. 1970.** Beartooth Game Range: A public paradise. *Montana Outdoors* Nov/Dec:17-19.
- 059. Casagrande, L. G. 1955.** A study of beaver-waterfowl relations in the mountainous area of Beaverhead County, Montana. Masters thesis, Montana State University, Bozeman.
- 060. Casebeer, R. L. 1948.** A study of the food habits of the mountain goat (*Oreamos americanus missoulae*) in western Montana. Masters thesis, University of Montana, Missoula.
- 061. Casebeer, R. L. 1948.** Food habits of mountain goats in western Montana. *Proceedings of the Montana Academy of Sciences* 8:69.
- 062. Casebeer, R. L., M. J. Rognerud, and S. M. Brandberg. 1950.** Rocky Mountain goats in Montana. Montana Fish and Game Commission, Wildlife Restoration Division Bulletin No. 5. Montana Department of Fish and Game, Helena.
- 063. Childress, D. A. 1971.** Canada goose production and water level relationships on the Madison River, Montana. Masters thesis, Montana State University, Bozeman.
- 064. Chrest, H. 1963.** Experimental fertilizer and vegetation treatments on the Madison-Wall Creek winter game range. Montana Department of Fish and Game, Helena.
- 065. Chrest, H. 1963.** Fertilizer Experiment, Madison-Wall Creek Acquisition—Introduction. Montana Department of Fish and Game, Helena.

- 066. Clough, L. T. 2000.** Nesting habitat selection and productivity of northern goshawks in west-central Montana. Masters thesis, Montana State University, Bozeman.
- 067. Cole, G. F. 1955.** Range use and food habits of the pronghorn antelope in central Montana with special reference to alfalfa. Masters thesis, Montana State College, Bozeman.
- 068. Cole, G. F. 1959.** Key browse survey method. Proceedings of Western Association of State Game and Fish Commissioners 39:181-186.
- 069. Cole, G. 1959.** Big game-livestock competition of Montana's mountain rangelands. Special Report, Montana Department of Fish and Game, Helena.
- 070. Compton, B. B. 1986.** Distribution of white-tailed deer along the lower Yellowstone River. Masters thesis, Montana State University, Bozeman.
- 071. Compton, B. B. 1986.** Use of agricultural crop types by white-tailed deer. Proceedings of the Montana Academy of Sciences 46:5-18.
- 072. Compton, B. B., R. J. Mackie, and G. L. Dusek. 1988.** Factors influencing distribution of white-tailed deer in riparian habitats. *Journal of Wildlife Management* 52(3):544-548.
- 073. Constan, K. 1967.** Bighorn sheep range use, food habits and relationships to mule deer and elk in Gallatin Canyon. Masters thesis, Montana State University, Bozeman.
- 074. Cool, K. L. 1992.** Seeking common ground on western rangelands. *Rangelands* 14(2):90-92.
- 075. Cooney, B. 1954.** Blackfoot-Clearwater Game Range. *Montana Wildlife* 4(1):20-24.
- 076. Cooney, R. F. 1952.** Elk problems in Montana. *Journal of Range Management* 5(1):3-7.
- 077. Cooney, R. F. 1961.** Madison-Wall Creek winter elk range acquisition. *Montana Wildlife*:16-17.
- 078. Cooney, R. F. no date.** Ten years of wildlife restoration. *Montana Wildlife* 2(1):10-15.
- 079. Coop, K. J. 1971.** Habitat use, distribution, movement, and associated behavior of elk, Little Belt Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 080. Cooperrider, A. Y. 1969.** Competition for food between mule deer and bighorn sheep on Rock Creek winter range, Montana. PhD dissertation, University of Montana, Missoula.
- 081. Cope, M. G. 1992.** Distribution, habitat selection and survival of transplanted Columbian sharp-tailed grouse (*Tympanuchus phasianellus columbianus*) in the Tobacco Valley, Montana. Masters thesis, Montana State University, Bozeman.
- 082. Costain, B. 1989.** Habitat use patterns and population trends among Shiras moose in a heavily logged region of northwest Montana. Masters thesis, University of Montana, Missoula.
- 083. Couey, F. M. 1944.** Rocky Mountain bighorn sheep in Montana. Montana Department of Fish and Game, Helena.

- 084. Couey, F. M. 1947.** Sun River elk damage investigation: Flathead-Willow Creek. Montana Department of Fish and Game, Helena.
- 085. Couey, F. M. 1950.** Rocky Mountain bighorn sheep in Montana. Montana Fish and Game Commission Wildlife Restoration Division Bulletin 2, Helena.
- 086. Cross, H. J. 1965.** The elk herd of the East Fork of the Bitterroot River. Masters thesis, University of Montana, Missoula.
- 087. Curtis, S. 2003.** Wildlife management demystified. *Montana Outdoors* Sept/Oct:6-11.
- 088. Curtis, S. 2007.** Cream of the crop (Montana wildlife management areas). *Montana Outdoors* Sept/Oct:8-15.
- 089. Daneke, D. 1980.** The food habits, health, nutrition, dynamics, and hunting effects on the Middle Fork elk herd, Flathead County, Montana. Masters thesis, University of Montana, Missoula.
- 090. Day, T. A. 1973.** Use of clearcuts by elk in the Little Belt Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 091. DeCessare, N. J. 2002.** Movement and resource selection of recolonizing bighorn sheep in western Montana. Masters thesis, University of Montana.
- 092. DeSimone, R. M. 1975.** Interspersion of cover types as related to pheasant use on a game management area in south-central Montana (Isaac Homestead). Masters thesis, Montana State University, Bozeman.
- 093. Denson, S. 1994.** A Leopold alliance: Isaac Homestead Wildlife Management Area. *Montana Outdoors* 25(4):10-14.
- 094. Dickson, T. 2008.** A new piece of paradise (Yellowstone Wildlife Management Area). *Montana Outdoors* Nov/Dec:6-9.
- 095. Dood, A. R. 1978.** Summer movements, habitat use, and mortality of mule deer fawns in the Missouri River Breaks, Montana. Masters thesis, Montana State University, Bozeman.
- 096. Dorn, R. D. 1969.** Relations of moose, cattle, and willows in southwest Montana. Masters thesis, Montana State University, Bozeman.
- 097. Dorn, R. D. 1970.** Moose and cattle food habits in southwest Montana. *Journal of Wildlife Management* 34(3):559-564.
- 098. Duncan, E. A. 1975.** Ecology of curl-leaf mountain mahogany (*Cercocarpus ledifolius* NUTT.) in southwestern Montana with special reference to use by mule deer. Masters thesis, Montana State University, Bozeman.
- 099. Durham, D. A. 2008.** Aspen response to prescribed fire in southwest Montana. Masters thesis, Montana State University, Bozeman.

- 100. Dusek, G. L. 1971.** Range relationships of mule deer in the prairie habitat, northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 101. Dusek, G. L. 1975.** Range relations of mule deer and cattle in prairie habitat. *Journal of Wildlife Management* 39:605-616.
- 102. Dusek, G. L., R. J. Mackie, J. D. Herriges, and B. B. Compton. 1989.** Population ecology of white-tailed deer along the lower Yellowstone River. Wildlife Monograph 104. The Wildlife Society, Bethesda, Maryland.
- 103. Dusek, G. L., C. D. Eustace, and J. G. Peterson. 2002.** The ecology and status of sage grouse in Montana. *Intermountain Journal of Sciences* 8:67-81.
- 104. Ecological Solutions Group, LLC. 2010.** Blackfoot-Clearwater WMA Boyd Pasture 2: Vegetation restoration alternatives. Ecological Solutions Group, LLC, Stevensville, Montana.
- 105. Edge, W. D. 1982.** Distribution, habitat use and movements of elk in relation to roads and human disturbances in western Montana. Masters thesis, University of Montana, Missoula.
- 106. Edge, W. D. 1985.** Habitat use and food habits of elk in western Montana: A multivariate approach. PhD dissertation, University of Montana, Missoula.
- 107. Egan, J. L. 1957.** Some relationships between mule deer and alfalfa production in Powder River County, Montana. Masters thesis, Montana State College, Bozeman.
- 108. Egan, J. L. 1974.** A grazing system for wildlife. *Montana Outdoors* 5(2):12-14.
- 109. Egan, J. 1982.** Magic cows. *Montana Outdoors* 13(3):8-10.
- 110. Eggers, M. J. S. 2005.** Riparian vegetation of the Montana Yellowstone and cattle grazing impacts thereon. Masters thesis, Montana State University, Bozeman.
- 111. Ellig, L. J. 1953.** Waterfowl relationships to Greenfields Lake, Teton County, Montana. Masters thesis, Montana State College, Bozeman.
- 112. Ellis, R. I. 1965.** Movements and concentrations of marked elk on the winter range (Northern Yellowstone elk herd). Masters thesis, University of Montana, Missoula.
- 113. Eng, R. L. 1963.** Observations on the breeding biology of male sage grouse. *Journal of Wildlife Management* 27:841-846.
- 114. Eng, R. L. and P. Schladweiler. 1972.** Sage grouse winter movements and habitat use in central Montana. *Journal of Wildlife Management* 36:141-146.
- 115. Eng, R. L. and R. J. Mackie. 1982.** Integrating grazing-range management practices with management of major wildlife species on rangeland in north central Montana. *Proceedings of the Western Association of Fish and Wildlife Agencies* 62:112-119.
- 116. Enk, T. A. 1999.** Population dynamics of bighorn sheep on the Beartooth Wildlife Management Area, Montana. PhD dissertation, Montana State University, Bozeman.
- 117. Enk, T. and H. Picton. 2001.** Bighorns in the Big Belts (Beartooth Wildlife Management Area). *Montana Outdoors* 32(6):9-13.

- 118. Erickson, G. E. 1972.** The ecology of Rocky Mountain bighorn sheep in the Sun River area of Montana with special reference to summer food habits and range movements. Masters thesis, Montana State University, Bozeman.
- 119. Eustace, C. D. 1967.** Food habits, range use and relationships between elk and livestock in the Gravelly Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 120. Eustace, C. D. 2002.** Sage grouse hatching success and chronology for south-central Montana. *Intermountain Journal of Sciences* 8:82-93.
- 121. Eustace, C. D. 2006.** Sun River Wildlife Management Area elk populations and vegetation review. Montana Department of Fish, Wildlife and Parks, Helena, Montana.
- 122. Feist, F. G. 1968.** Breeding bird populations in relation to proposed sagebrush control in central Montana. Masters thesis, Montana State University, Bozeman.
- 123. Firebaugh, J. E. 1969.** Relationship of mule deer to livestock on summer range in the Pryor Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 124. Flath, D. L. 1970.** Reproductive success of Canada geese in the Bitterroot Valley, Montana. Masters thesis, University of Montana, Missoula.
- 125. Fondell, T. F. 1997.** Nest density and success of ground-nesting grassland birds to grazing in western Montana. Masters thesis, University of Montana, Missoula.
- 126. Forman, K. A. 1993.** Influence of skunk removal on nest success and breeding populations of upland nesting ducks in the lower Flathead Valley, Montana. Masters thesis, University of Montana, Missoula.
- 127. Foss, A. J. 1962.** A study of Rocky Mountain goat in Montana. Masters thesis, Montana State College, Bozeman.
- 128. Foss, A. and F. King. 1982.** A winter home for elk. *Montana Outdoors* 13(6):17-20.
- 129. Fraas, W. W. 1992.** Bitterbrush growth and reproductive characteristics in relation to browsing in southwest Montana. Masters thesis, Montana State University, Bozeman.
- 130. Fraas, W., C. L. Wambolt, and M. R. Frisina. 1992.** Prescribed fire effects on a bitterbrush-mountain big sagebrush-bluebunch wheatgrass community. Pages 212-216 in W. P. Clary, E. D. McArthur, D. Bedunah, and C. L. Wambolt (comps.). Proceedings of the Symposium on Ecology and Management of Riparian Shrub Communities. USDA, Forest Service, General Technical Report INT-289, Ogden, Utah.
- 131. Fraley, J. and J. Grant. 1995.** Pheasant heaven: Ninepipe Wildlife Management Area. *Montana Outdoors* 26(2):19-23.
- 132. Freeman, J. S. 1971.** Pronghorn range use and relation to livestock in southeastern Montana. Masters thesis, Montana State University, Bozeman.
- 133. Frisina, M. R. 1974.** Ecology of bighorn sheep in the Sun River Area of Montana during fall and spring. Masters thesis, Montana State University, Bozeman.

- 134. Frisina, M. R. 1982.** Mount Haggin management plans. *Montana Outdoors* 13(3):31-33.
- 135. Frisina, M. R. 1982.** Using loop detector traffic counters for determining hunter density and distribution. Proceedings of the Montana Chapter of The Wildlife Society:73-74.
- 136. Frisina, M. R. 1989.** Implementing effective rangeland management in Montana: What works? Proceedings of the Montana Academy of Sciences 49:19-21.
- 137. Frisina, M. R. 1992.** Elk habitat use within a rest-rotation grazing system. *Rangelands* 14(2):93-96.
- 138. Frisina, M. R. 1991.** Cows? On riparian areas?! Pp. 111-116 in Proceedings, Riparian Workshop, Laramie, Wyoming, August 20-22. S. Anderson, W. Hubert, and F. Lindzey (eds.), University of Wyoming, Laramie.
- 139. Frisina, M. R. 2005.** A comparison of winter elk use on 13 Montana winter ranges. Pp. 101-104 in Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 140. Frisina, M. R. and J. L. Egan. 1983.** Cows and wildlife are compatible. *Montana Stockgrower* 54(10), November 1983.
- 141. Frisina, M. R. and C. Jourdonnais. 1986.** Elk and cattle mix on the range after all. Montana Wildlife Federation, *Montana Wildlife* (August-September).
- 142. Frisina, M. R. and J. Canfield. 1987.** A plan for inventory and management of Greater Sandhill cranes on the Mount Haggin Wildlife Management Area, Montana. Proceedings of the Montana Academy of Sciences 47:21-26.
- 143. Frisina, M. R. and K. Douglass. 1989.** Using diastema length as an indicator of condition in fawn and yearling mule deer. Proceedings of the Montana Academy of Sciences 49:23-26.
- 144. Frisina, M. R. and K. Douglass. 1991.** Diastema length as an indicator of skeletal development in Rocky Mountain elk (*Cervus elaphus*). Proceedings of the Montana Academy of Sciences 50:9-11.
- 145. Frisina, M. R. and F. G. Morin. 1991.** Grazing private and public land to improve the Fleece elk winter range. *Rangelands* 13(6):291-294.
- 146. Frisina, M. R. and K. Douglass. 1993.** Number of antler points and antler main beam length in relation to age of Rocky Mountain elk (*Cervus elaphus*). Proceedings of the Montana Academy of Sciences:33-38.
- 147. Frisina, M. R. and R. J. Douglass. 1993.** Mice and management on the Mount Haggin Wildlife Management Area. *Rangelands* 15(1):8-12.
- 148. Frisina, M. R. and J. M. Mariani. 1994.** Wildlife and domestic livestock as integral elements of grassland ecosystems. Pp. 1017-1021 in Proceedings of the international symposium on grassland resources. August 15-20, 1993 Hohhot, The Peoples Republic of China. L. Bo (ed.). China Agriculture Sciencetech Press, Beijing, PR China.
- 149. Frisina, M. R. and J. M. Mariani. 1995.** Wildlife and livestock as elements of grassland ecosystems. *Rangelands* 17(1):23-25.

- 150. Frisina, M. R. and Q. Kujala. 2001.** North pasture-Ear Mountain Wildlife Management Area livestock grazing analysis. Pp. 49-64 *in* Statewide browse evaluation project report no. one. S. J. Knapp and M. R. Frisina (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 151. Frisina, M. R. and J. J. McCarthy. 2001.** Montana Sagebrush Bibliography. Montana Department of Fish, Wildlife and Parks, Helena.
- 152. Frisina, M. R., C. L. Wambolt, B. Sowell, S. J. Knapp, M. Sullivan, and C. Johnson. 2001.** A balancing act: Maintaining habitat for sage grouse, prairie dogs and livestock requires managing resources for a balance. *Rangelands* 23:17-19.
- 153. Frisina, M. R. and C. L. Wambolt (eds.). 2002.** Ecology of sagebrush and sage grouse. *Intermountain Journal of Sciences* 8(2).
- 154. Frisina, M. R. and R. B. Keigley. 2004.** Habitat changes: Mount Haggin Wildlife Management Area. *Rangelands* 26(2):3-13.
- 155. Frisina, M. R. and C. L. Wambolt. 2004.** Keying in on big sagebrush. *Rangelands* 26(1):12-16.
- 156. Frisina, M. R. and R. B. Keigley. 2005.** Habitat Changes, Mount Haggin Wildlife Management Area, Montana. Pp. 37-45 *in* Statewide browse evaluation project report no. two, M. R. Frisina and S. J. Knapp (eds.), Montana Department of Fish, Wildlife and Parks, Helena.
- 157. Frisina, M. R. and S. J. Knapp (eds.). 2005.** Status of browse on the Ear Mountain WMA (R4). Pp. 109-110 *in* Statewide browse evaluation project report no. two. Montana Department of Fish, Wildlife and Parks, Helena.
- 158. Frisina, M. R. and S. J. Knapp (eds.). 2005.** Statewide browse evaluation, project report no. two. Montana Department of Fish, Wildlife and Parks, USGS, and Animal and Range Sciences, Montana State University.
- 159. Frisina, M. R. and Q. J. Kujala. 2005.** Status of browse on the Ear Mountain WMA (R4). Pp. 109-110 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 160. Frisina, M. R. and M. G. Sullivan. 2005.** Status of browse on the Cowell Conservation Easement (R6). Pp. 105-108 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 161. Frisina, M. R. and C. L. Wambolt. 2005.** Keying in on big sagebrush. Pp. 73-78 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 162. Frisina, M. R., C. L. Wambolt, W. W. Fraas, and G. E. Guenther. 2005.** Mule deer and elk winter diet as an indicator of habitat competition. Pp. 123-126 *in* S. G. Kitchen, R. L. Pendleton, T. A. Monao, and J. Vernon (comps.). Proceedings, Shrublands Under Fire: Disturbance and recovery in a changing world, 2006, June 6-8. Cedar City, Utah. Proceedings RMRS-P-52, Rocky Mountain Research Station. (also in Pp. 95-98 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 163. Frisina, M. R. and R. M. Frisina. 2006.** Co-Habiting (photo essay). *Rangelands* 28(5):31.
- 164. Frisina, M. R. and R. M. Frisina. 2006.** Bighorn browsers (photo essay). *Rangelands* 28(3):22-23.

- 165. Frisina, M. R. and R. M. Frisina. 2008.** Weather and wildlife volume 1: Large ungulates. Habitat Bureau, Montana Department of Fish Wildlife and Parks, Helena.
- 166. Frisina, M. R. and R. M. Frisina. 2008.** Weather and wildlife volume 2: Upland game birds. Habitat Section, Montana Department of Fish, Wildlife and Parks, Helena.
- 167. Fuller, A. F. 2006.** Population demography of the Yellowstone National Park bison herds. Masters thesis, Montana State University, Bozeman.
- 168. Fuller, P. R. 1976.** Browse production and utilization on Spotted Bear Mountain winter range and seasonal movements of the Spotted Bear elk herd. Masters thesis, University of Montana, Missoula.
- 169. Gallagher, J. and M. R. Frisina. 1995.** Warm Springs Wildlife Management Area: A study in managing for multiple values. *Rangelands* 17(6):215-216.
- 170. Gjersing, F. M. 1971.** A study of waterfowl production on two rest rotation grazing units in northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 171. Gjersing, F. M. 1975.** Waterfowl production in relation to rest-rotation grazing. *Journal of Range Management* 28(1):37-42.
- 172. Gjersing, F. M. 1981.** Effects of grazing on riparian zones in northcentral Montana. Pp. 75-81 in Management of riparian ecosystems. Proceedings of the Montana Chapter of The Wildlife Society, Great Falls.
- 173. Gniadek, S. 1987.** Elk and cattle relationships on summer ranges in southwest Montana. Masters thesis, University of Montana, Missoula.
- 174. Gobiell, J. 1992.** The effects of fire on Merriam's turkey broad habitat in southeastern Montana. Masters thesis, Montana State University, Bozeman.
- 175. Gordon, F. A. 1968.** Range relationships of elk and cattle on elk winter range, Crow Creek, Montana. Masters thesis, Montana State University, Bozeman.
- 176. Griffiths, D. E. 1990.** Green vegetation and fecal protein relationships in two southeastern Montana mule deer populations. Masters thesis, Montana State University, Bozeman.
- 177. Grover, K. E. and M. J. Thompson. 1986.** Factors influencing spring feeding site selection by elk in the Elkhorn Mountains, Montana. *Journal of Wildlife Management* 50(3):466-470.
- 178. Guenther, G. E. 1989.** Ecological relationships of bitterbrush communities on the Mount Haggin Wildlife Management Area. Masters thesis, Montana State University, Bozeman.
- 179. Guenther, G. E., C. L. Wambolt, and M. R. Frisina. 1993.** Characteristics of bitterbrush habitats that influence canopy cover and mule deer browsing. *Journal of Environmental Management* 37:175-181.
- 180. Gunderson, P. T. 1990.** Nesting and brood rearing ecology of sharp-tailed grouse on the Charles M. Russell National Wildlife Refuge, Montana. Masters thesis, Montana State University, Bozeman.
- 181. Hagener, M. J. 2005.** Wisdom behind WMAs. *Montana Outdoors* Sept/Oct:3.
- 182. Hall, N. E. 1994.** Effects of striped skunk removal on duck nest success in the Mission Valley, Montana. Masters thesis, University of Montana, Missoula.

- 183. Hamilton, A. L. 1978.** Spring, summer and fall use of stockponds by Canada geese in southeastern Montana. Masters thesis, Montana State University, Bozeman.
- 184. Hamlin, K. L. 1974.** Ecological relationships of mule deer in the Bridger Mountains, Montana with special reference to daily and seasonal movements. Masters thesis, Montana State University, Bozeman.
- 185. Hamlin, K. L. and R. J. Mackie. 1989.** Mule deer in the Missouri River Breaks, Montana. Montana Department of Fish, Wildlife and Parks, Helena.
- 186. Hammond, G. R. 1980.** Nutritional characteristics of the vegetation of clearcut and uncut sites on summer-fall elk range. Masters thesis, Montana State University, Bozeman.
- 187. Hansen, J. J. 1987.** Effect of stock density on ground cover on a southwest Montana foothills rangeland. Masters thesis, Montana State University, Bozeman.
- 188. Hansen, P. L. and W. H. Thompson. 2004.** Riparian and wetland inventory and health assessment on three drainages and one fen wetland on the Mule Ranch within the Mount Haggin Wildlife Management Area, southwestern Montana. Bitterroot Restoration, Inc., Corvallis, Montana.
- 189. Harrington, R. D. 2002.** A historical perspective of Montana's sagebrush. *Intermountain Journal of Sciences* 8:60-66.
- 190. Harvey, S. J. 1980.** The potential and current vegetation of the Sun River Game Range. Montana Department of Fish, Wildlife and Parks, Helena.
- 191. Hemmer, S. A. 2004.** Winter feeding ecology and browse effects on mule deer, elk, white-tailed deer and cattle on the Theodore Roosevelt Memorial Ranch. Masters thesis, University of Montana, Missoula.
- 192. Herbert, J. 1982.** Application of waterfowl research in developing the Canyon Ferry Wildlife Management Area. Pp. 68-71 in C. D. Eustace (comp.). Proceedings, Montana Chapter, The Wildlife Society, Billings.
- 193. Herriges, J. D. 1968.** Movement, activity, and habitat use of white-tailed deer along the lower Yellowstone River. Masters thesis, Montana State University, Bozeman.
- 194. Hicks, L. 1988.** Habitat use of white-tailed deer in relation to winter range silvicultural treatments in the Thompson River Drainage, northwestern Montana. PhD dissertation, University of Montana, Missoula.
- 195. Hildebrand, P. R. 1971.** Biology of white-tailed deer on winter range in the Swan Valley, Montana. Masters thesis, University of Montana, Missoula.
- 196. Hinz, T. C. 1974.** Seasonal activity, numbers, and distribution of Canada geese (*Branta canadensis*) in the lower Yellowstone Valley, Montana. Masters thesis, Montana State University, Bozeman.
- 197. Hitchcox, S. M. 1996.** Abundance and nest success of cavity-nesting birds in unlogged and salvage-logged burned forest in northwestern Montana. Masters thesis, University of Montana, Missoula.
- 198. Hoekman, S. T. 1989.** Nest habitat selection by grassland birds: The role of vegetation structure and floristics. Masters thesis, University of Montana, Missoula.
- 199. Hogg, J. T. 1984.** Mating behavior in Rocky Mountain bighorn sheep; male and female strategies in reproduction. PhD dissertation, University of Montana, Missoula.

- 200. Holm, J. 1984.** Hatching success of upland nesting ducks in north central Montana in relation to vegetation cover. Masters thesis, University of Montana, Missoula.
- 201. Holzer, K. A. 1989.** Ecology of Merriam's wild turkey in Helena National Forest. Masters thesis, Montana State University, Bozeman.
- 202. Hook, D. L. 1973.** Production and habitat use by Canada geese at Freezout Lake, Montana. Masters thesis, Montana State University, Bozeman.
- 203. Hudson, M. S. 1980.** Waterfowl production on three age-classes of stock ponds in northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 204. Hurley, M. A. 1994.** Summer-fall ecology of the Blackfoot Clearwater elk herd of western Montana. Masters thesis, University of Idaho, Moscow.
- 205. Ihle, H. B. 1982.** Population ecology of mule deer with emphasis on potential impacts of gas and oil development along the Rocky Mountains, northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 206. Jackson, S. D. 1990.** Ecology of mule deer on a sagebrush-grassland habitat in northeastern Montana. Masters thesis, Montana State University, Bozeman.
- 207. Janke, D. M. 1977.** White-tailed deer population characteristics, movements, and winter site selection in western Montana. Masters thesis, University of Montana, Missoula.
- 208. Johnsen, S. 1993.** Evaluation of bighorn sheep in the Ten Lakes Scenic Area. Masters thesis, University of Montana, Missoula.
- 209. Johnson, D. E. 1950.** Biology of the elk calf, *Cervus canadensis nelsoni*. Masters thesis, Montana State College, Bozeman.
- 210. Johnson, D. E. 1951.** Biology of the elk calf, *Cervus canadensis nelsoni*. *Journal of Wildlife Management* 15:396-410.
- 211. Johnson, D. E. 1999.** Ruffed grouse productivity and habitat selection at the base of the Beartooth Plateau in southcentral Montana. Masters thesis, Montana State University, Bozeman.
- 212. Johnson, K. 2006.** Evaluation of Montana's Block Management Program. Masters thesis, Montana State University, Bozeman.
- 213. Jonas, R. 1964.** Ecology and management of Merriam's turkey in the Long Pines, southeastern Montana. PhD dissertation, Montana State College, Bozeman.
- 214. Jonas, R. 1966.** Merriam's turkeys in southeastern Montana. Montana Department of Fish and Game, Technical Bulletin 3. Montana Department of Fish and Game, Helena.
- 215. Jonas, R. J. 1968.** Adverse weather affects Merriam's turkey reproduction in Montana. *Journal of Wildlife Management* 32:987-989.
- 216. Jonkel, G. M. 1954.** A comparative study of survival of fall and spring-released chukar partridge (*Alectoris gracea chukar*). Masters thesis, University of Montana, Missoula.

- 217. Jorgensen, H. E. 1970.** Ecological aspects of the life history of *Agropyron smithii* RYDB. in central Montana with related effects of selective herbicide treatments on rangeland. PhD dissertation, Montana State University, Bozeman.
- 218. Jorgenson, H. E. 1979.** Vegetation of the Yellow Water Triangle, Montana. Wildlife Division, Montana Department of Fish and Game, Helena.
- 219. Joslin, G. L. 1975.** Behavior and environmental selection by elk (*Cervus canadensis*) during summer and in the first and second Yellow Mule Drainages, Madison County, Montana. Masters thesis, Montana State University, Bozeman.
- 220. Jourdonnais, C. S. 1985.** Prescribed fire and cattle grazing influences on the vegetation and elk use of a rough fescue community. Masters thesis, Montana State University, Bozeman.
- 221. Jourdonnais, C. and D. Bedunah. 1986.** Burning issues on the Sun. *Montana Outdoors* 17(6):15-17.
- 222. Jourdonnais, C. S. and D. J. Bedunah. 1990.** Prescribed fire and cattle grazing on an elk winter range in Montana. *Wildlife Society Bulletin* 18(3):232-240.
- 223. Kamps, F. G. 1969.** Whitetail and mule deer relationships in the Snowy Mountains of central Montana. Masters thesis, Montana State University, Bozeman.
- 224. Kastler, M. A. 1998.** Elk pregnancy, production, and calf survival in the South Fork of the Flathead River, Montana. Masters thesis, Montana State University, Bozeman.
- 225. Kasworm, W. F. 1981.** Distribution and population characteristics of mule deer along the East Front, northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 226. Kasworm, W. F. 1982.** Dietary relationships of mule deer, bighorn sheep, elk and cattle along the east front, north central Montana. Unpublished report to the U.S. Bureau of Land Management, Butte District Office.
- 227. Keating, K. A. 1982.** Population ecology of Rocky Mountain bighorn sheep in the upper Yellowstone River Drainage, Montana/Wyoming. Masters thesis, Montana State University, Bozeman.
- 228. Keating, K. A., L. R. Irby, and W. F. Kasworm. 1985.** Mountain sheep winter food habits in the upper Yellowstone Valley. *Journal of Wildlife Management* 49:156-161.
- 229. Keigley, R. B. 2005.** A method to determine if browsing limits plant height growth. Pp. 47-50 in Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 230. Keigley, R. B. 2005.** Cherry Creek browse study. Pp. 51-56 in Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 231. Keigley, R. B. and M. R. Frisina. 1998.** Browse evaluation by analysis of growth form. Montana Department of Fish, Wildlife and Parks, Helena.
- 232. Keigley, R. B., M. R. Frisina, and C. Fager. 2001.** Browsing history as an indicator of range capacity. Pp. 5-13 in Statewide browse evaluation, project report no. one. S. J. Knapp and M. R. Frisina (eds.). Montana Department of Fish, Wildlife and Parks, Helena.

- 233. Keigley, R. B., M. R. Frisina, and C. Fager. 2001.** Assessing browse trend at the landscape level. Pp. 15-26 *in* Statewide browse evaluation, project report no. one. S. J. Knapp and M. R. Frisina (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 234. Keigley, R. B., C. Fager, and K. Douglass. 2001.** Permanent browse monitoring stations at Mount Haggin Wildlife Management Area. Pp. 27-36 *in* Statewide browse evaluation, project report no. one. S. J. Knapp and M. R. Frisina (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 235. Keigley, R. B. and G. Gale. 2001.** Effect of browsing on willow in the Steel Creek Grazing Allotment Wisdom District Beaverhead/Deerlodge National Forest. Pp. 37-44 *in* Statewide browse evaluation, project report no. one, July 2001. Knapp, S. J. and M. R. Frisina (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 236. Keigley, R. B., M. R. Frisina, and C. W. Fager. 2002.** Assessing browse trend at the landscape level, part 1: Preliminary steps and field survey. *Rangelands* 24(3):28-33.
- 237. Keigley, R. B., M. R. Frisina, and C. W. Fager. 2002.** Assessing browse trend at the landscape level, part 2: Monitoring. *Rangelands* 24(3):34-38.
- 238. Keigley, R. B., M. R. Frisina, and C. Fager. 2003.** A method for determining the onset year of intense browsing. *Journal of Range Management* 56:33-38.
- 239. Keigley, R. B. and M. R. Frisina. 2005.** Aspen height, stem-girth and survivorship in an area of high ungulate use. Pp. 57-62 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 240. Keigley, R. B., M. R. Frisina, and C. W. Fager. 2005.** Assessing browse trend at the landscape level, part 1: Preliminary steps and field survey. Pp. 17-22 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.), Montana Department of Fish, Wildlife and Parks, Helena.
- 241. Keigley, R. B., M. R. Frisina, and C. W. Fager. 2005.** Assessing browse trend at the landscape level, part 2: Monitoring. Pp. 23-27 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 242. Keigley, R. B., M. R. Frisina, and C. Fager. 2005.** A method for determining the onset year of intense browsing. Pp. 29-36 *in* Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 243. Keigley, R. B. and C. W. Fager. 2006.** Habitat-based adaptive management at Mount Haggin Wildlife Management Area. *Alces* 42:49-54.
- 244. Keigley, R. B. and M. R. Frisina. 2008.** Aspen height, stem-girth and survivorship in an area of high ungulate use. *Northwest Science* 82(3):199-210.
- 245. Keigley, R. B. and M. R. Frisina. 2008.** Browse evaluation of tall shrubs based on direct measurement of a management objective. PP. 115-122 *in* S. G. Kitchen, R. L. Pendleton, T. A. Monao, J. Vernon, (comps.). Proceedings, Shrublands under fire: Disturbance and recovery in a changing world, 2006, June 6-8. Cedar City, Utah. Proceedings RMRS-P-52, Rocky Mountain Research Station, Fort Collins, Colorado.
- 246. Keigley, R. B. and M. R. Frisina. In press.** A process to monitor and manage ungulate browsing pressure. Pp. xxx-xxx *in* Proceedings of the symposium on shrublands: Wildlands and wildlife habitats. Fort Collins, Colorado. United States Department of Agriculture, Forest Service Proceedings RMRS-P-__.

- 247. Kimble, D. S. 2007.** Quaking Aspen (*Populus tremuloides*) ecology on Forest Service lands north of Yellowstone National Park. Masters thesis, Montana State University, Bozeman.
- 248. Kirsch, J. B. 1963.** Range use, relationship to logging, and food habits of the elk in the Little Belt Mountains, Montana. Masters thesis, Montana State College, Bozeman.
- 249. Kirsch, J. B. and K. R. Greer 1968.** Bibliography: Wapiti-American elk and European red deer. Montana Department of Fish and Game, Helena.
- 250. Kissel, Jr., R. E. 1996.** Population dynamics, food habits, seasonal habitat use, and spatial relationships of bighorn sheep, mule deer, and feral horses in the Pryor Mountains. PhD dissertation, Montana State University, Bozeman.
- 251. Klaver, R. 1979.** A management-oriented study of the ecology of bighorn sheep in the Bitterroot Mountains, Montana and Idaho. Masters thesis, University of Montana, Missoula.
- 252. Knapp, S. J. 1972.** Range use of mule deer prior to initiation of rest-rotation grazing for cattle on the Fort Howes Ranger District, Custer National Forest, Montana. Masters thesis, Montana State University, Bozeman.
- 253. Knapp, S. J. and M. R. Frisina (eds.). 2001.** Statewide Browse evaluation, project report no. one. Montana Department of Fish, Wildlife and Parks, Helena.
- 254. Knight, R. R. 1960.** Vegetative characteristics of two water areas in Teton County, Montana, in relation to waterfowl usage. Masters thesis, Montana State University, Bozeman.
- 255. Knight, R. R. 1965.** Vegetative characteristics and waterfowl usage of a Montana water area. *Journal of Wildlife Management* 29:782-788.
- 256. Knight, R. R. 1967.** A population analysis of the Sun River elk herd, Montana. PhD dissertation, University of Minnesota, Minneapolis.
- 257. Knight, R. R. 1970.** The Sun River Elk Herd. Wildlife Monograph 23. The Wildlife Society, Washington D. C.
- 258. Knoche, K. G. 1968.** The ecology of the Rattlesnake Creek, Montana mule deer winter range. Masters thesis, University of Montana, Missoula.
- 259. Knowles, C. J. 1975.** Range relationships of mule deer, elk and cattle in a rest-rotation grazing system during summer and fall. Masters thesis, Montana State University, Bozeman.
- 260. Knowles, C. J. 1986.** Some relationships of black-tailed prairie dogs to livestock grazing. *Great Basin Naturalist* 46(2):198-203.
- 261. Knowles, C. J. 1975.** Ecological effects of rest rotation grazing of cattle in the Missouri River Breaks, Montana, with special reference to mule deer and elk. W120-R-5,6 Job No. BG-10.01. Montana Department of Fish, Wildlife and Parks, Helena.
- 262. Knowles, C. J. and R. B. Campbell. 1982.** Distribution of elk and cattle in a rest-rotation grazing system. Pp. 47-60 in Wildlife-Livestock Relationships Symposium, Forestry, Wildlife and Range Experiment Station, University of Idaho, Moscow.

- 263. Knowlton, F. F. 1959.** Food habits, movements, and population structure of moose in the Gravelly Mountains, Montana. Masters thesis, Montana State College, Bozeman.
- 264. Knowlton, F. F. 1960.** Food habits, movements and populations of moose in the Gravelly Mountains, Montana. *Journal of Wildlife Management* 24:162-170.
- 265. Kohl, M. and M. Hebbelwhite. 2008.** Relationships between elk and spotted knapweed in the wildland urban interface of western Montana. Senior thesis, University of Montana, Missoula.
- 266. Komberec, T. 1975.** Range relationships of mule deer, elk and cattle in the rest-rotation grazing system during winter and spring. Masters thesis, Montana State University, Bozeman.
- 267. Koncerak, W. F. 1996.** Determining the effects of fire restoration on elk winter range and hiding cover. Masters thesis, University of Montana, Missoula.
- 268. Kopec, L. 1981.** The movements, distribution and population characteristics of the Cuttoff Area bighorn. Masters thesis, University of Montana, Missoula.
- 269. Kraft, S. K. 1989.** Ecology of mule deer in the upper Missouri River Breaks, Montana. Masters thesis, University of Montana, Missoula.
- 270. Krahmer, R. W. 1989.** Seasonal relationships of white-tailed deer in northwestern, Montana. Masters thesis, University of Montana, Missoula.
- 271. Krausman, P. R. 2002.** *Introduction to Wildlife Management*. Prentice Hall, New Jersey.
- 272. Krausman, P. R., D. E. Naugle, M. R. Frisina, R. Northrup, V. C. Bleich, W. M. Block, M. C. Wallace, and J. D. Wright. 2009.** Livestock grazing, wildlife habitat and rangeland values. *Rangelands* 31(5):15-19.
- 273. Kujala, Q. 1996.** Elk pasture (Sun River Wildlife Management Area). *Montana Outdoors* 27(6):17-20.
- 274. Kuntz, B. 1991.** Shelter from the storm: Dome Mountain Wildlife Management Area. *Montana Outdoors* 22(5):6-8.
- 275. Kuntz, B. 1993.** Lands legacy: A home where elk and cattle roam (Mount Haggin Wildlife Management Area). *Montana Outdoors* 24(2):8-10.
- 276. Kuntz, B. 1993.** Room with a view: Wall Creek Wildlife Management Area. *Montana Outdoors* 24(4):15-18.
- 277. Kuntz, B. 1995.** Final destination: Bear Creek Wildlife Management Area. *Montana Outdoors* 26(6):17-20.
- 278. Kuntz, B. 1996.** Dust to ducks (Canyon Ferry Wildlife Management Area). *Montana Outdoors* 27(2):17-20.
- 279. Kuntz, B. 1997.** Stepping back in time: Gravelly-Blacktail Wildlife Management Area. *Montana Outdoors* 28(6):17-20.

- 280. Kurnat, V. L. 1991.** Duck nest success in Montana. Masters thesis, University of Montana, Missoula.
- 281. Lane, V. R. 2005.** Sage-grouse (*Centrocercus urophasianus*) nesting and brood-rearing sagebrush habitat characteristics in Montana and Wyoming. Masters thesis, Montana State University, Bozeman.
- 282. Langley, M. A. 1993.** Habitat selection, mortality, and population monitoring of Shiras moose in the North Fork of the Flathead River Valley. Montana. Masters thesis, University of Montana, Missoula.
- 283. Lathrop, B. B. 1982.** Wild Horse Island: A natural experiment. *Montana Outdoors* 13(2):23-28.
- 284. Leach, R. H. 1982.** Summer range ecology of white-tailed deer in the coniferous forests of northwestern Montana. Masters thesis, University of Montana, Missoula.
- 285. Legg, K. L. 1996.** Movements and habitat use of bighorn sheep along the upper Yellowstone River Valley, Montana. Masters thesis, Montana State University, Bozeman.
- 286. Lehmkuhl, J. 1980.** Distribution and habitat selection of elk in the Garnet Range of western Montana. Masters thesis, University of Montana, Missoula.
- 287. Lehtinen, S. A. 1983.** Movements and habitat use of ruffed grouse in the Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 288. Lemke, T. O. 1975.** Movement and seasonal ranges of the Burdette Creek elk herd, and an investigation of sport hunting. Masters thesis, University of Montana, Missoula.
- 289. Lentfer, J. W. 1954.** A two-year study of the Rocky Mountain goat in the Crazy Mountains, Montana. Masters thesis, Montana State College, Bozeman.
- 290. Lentfer, J. W. 1955.** A two-year study of the Rocky Mountain goat in the Crazy Mountains, Montana. *Journal of Wildlife Management* 19:417-429.
- 291. Longhurst, W. M., A. L. Lesperance, M. Morse, R. J. Mackie, O. L. Neal, H. Salwasser, D. Swickland, P. J. Urness, and J. O. Yoakum. 1983.** Livestock and wild ungulates. Pp. 42-46 in *Proceedings workshop on livestock and wildlife-fisheries relationships in the Great Basin*. Special publication 3301. University of California Division of Agricultural Science, Berkeley.
- 292. Lonner, T. N. 1972.** Age distributions and some relationships of key browse plants on big game ranges in Montana. Masters thesis, Montana State University, Bozeman.
- 293. Lonner, T. N. 1976.** Elk use-habitat relationships on summer and fall range in Long Tom Creek, southwestern Montana. Pp. 101-109. in *Proceedings elk-logging roads symposium*, University of Idaho, Moscow.
- 294. Lonner, T. N. and R. J. Mackie. 1983.** Interactions between big game and livestock. Pp. 53-58 in *Forestland grazing: Proceedings of a symposium*. B. F. Roche, Jr. and D. M. Baumgartner (eds.). Cooperative Extension Service, Washington State University, Pullman.
- 295. Lonner, T. N. and R. J. Mackie. 1983.** On the nature of competition between big game and livestock. Pp. 53-58 in *Proceedings, forestland grazing symposium*. Washington State University, Pullman.

- 296. Lorang, K. D. 1979.** Waterfowl and hunter use of Freezout Lake Game Management Area, Teton County, Montana. Masters thesis, Montana State University, Bozeman.
- 297. Lovaas, A. L. 1957.** Mule deer food habits and range use in the Little Belt Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 298. Lovaas, A. L. 1958.** Mule deer food habits and range use, Little Belt Mountains, Montana. *Journal of Wildlife Management* 22:275-283.
- 299. Lovaas, A. L. 1970.** People and the Gallatin elk herd. Montana Department of Fish and Game, Helena.
- 300. Lovaas, A. L., J. L. Egan, and R. R. Knight. 1966.** Aerial counting of two Montana elk herds. *Journal of Wildlife Management* 30(2):364-369.
- 301. Lyon, J. L., T. N. Lonner, J. P. Weigand, C. L. Marcum, W. D. Edge, J. D. Jones, D. W. McCleerey, and L. L. Hicks. 1985.** Coordinating elk and timber management. A final report of the Montana Cooperative Elk-logging Study 1970-1985. Montana Department of Fish, Wildlife and Parks, Helena.
- 302. Mackie, R. J. 1965.** Range ecology and relationships of mule deer, elk, and cattle in the Missouri River Breaks. PhD dissertation, Montana State College, Bozeman.
- 303. Mackie, R. J. 1970.** Range ecology and relationships of mule deer, elk and cattle in the Missouri River Breaks. Wildlife Monograph 20. The Wildlife Society, Washington, D. C.
- 304. Mackie, R. J. 1976.** Interspecific competition between mule deer, other game animals and livestock. Mule deer decline in the west. Pp.49-54 *in*: Symposium on mule deer decline in the west. Utah State University, College of Natural Resources, Agricultural Experiment Station, Logan.
- 305. Mackie, R. J. 1976.** A viewpoint concerning livestock grazing, livestock-wildlife relationships, and the significance of studies of wildlife livestock relations on rangelands. Proceedings of the Montana Chapter of The Wildlife Society, Missoula.
- 306. Mackie, R. J. 1978.** Impacts of livestock grazing on wild ungulates. Transactions of the 43rd North American Wildlife and Natural Resources Conference 43:462-476.
- 307. Mackie, R. J. 1985.** The deer-elk-cattle triangle. Pp. 51-56 *in* G. W. Workman (ed.). Symposium on Western Elk Management, Utah State University, Logan.
- 308. Mackie, R. J. 1994.** Mule deer habitat. Pp. 286-296 *in* Deer. Gerlach, D., S. Atwater, and J. Schnell (eds.). Stackpole Books, Mechanicsville, Pennsylvania.
- 309. Mackie, R. J. 1994.** Reacting to weather. Pp. 297-300 *in* Deer. Gerlach, D., S. Atwater, and J. Schnell (eds.). Stackpole Books, Mechanicsville, Pennsylvania.
- 310. Mackie, R. J. 1994.** Populations and habitat. Pp. 322-328 *in* Deer. Gerlach, D., S. Atwater, and J. Schnell (eds.). Stackpole Books, Mechanicsville, Pennsylvania.
- 311. Mackie, R. J. and T. N. Lonner. 1977.** Evaluation of effectiveness of the key browse survey method. Pp. 9-24 *in* Proceedings of the sixth Wyoming shrub ecology workshop, Buffalo.

- 312. Mackie, R. J., A. K. Wood, and G. L. Dusek. 1994.** Deer and other ungulates. Pp. 351-358 in *Deer*. Gerlach, D., S. Atwater, and J. Schnell (eds.). Stackpole Books, Mechanicsville, Pennsylvania.
- 313. Mackie, R. J., D. F. Pac, K. L. Hamlin, and G. L. Dusek. 1998.** Ecology and management of mule deer and white-tailed deer in Montana. Wildlife Division, Montana Department of Fish, Wildlife and Parks, Helena.
- 314. Makela, P. D. 1990.** Effects of prescribed burning on the Burdette Creek Winter Range. Masters thesis, University of Montana, Missoula.
- 315. Marcum, C. L. 1973.** Summer-fall habitat selection and use by a western Montana elk herd: Preliminary results. Pp 116-118 in *Proceedings Western States Elk Workshop*, Bozeman, Montana.
- 316. Marcum, C. L. 1975.** Summer-fall habitat selection and use by a western Montana elk herd. PhD dissertation, University of Montana, Missoula.
- 317. Marcum, C. L. 1976.** Habitat selection and use during summer and fall months by a western Montana elk herd. Pp. 91-96 in *Proceedings of the Elk-logging-roads symposium*, University of Idaho, Moscow.
- 318. Marcum, C. L. 1979.** Summer-fall food habits and forage preferences of a western Montana elk herd. Pp. 54-62 in M. S. Boyce, and L. D. Hayden-Wing (eds.). *North American elk: Ecology, behavior, and management*, University of Wyoming, Laramie.
- 319. Marcum, C. L. 1985.** Influence of weather on elk use of spring-summer habitat. *Journal of Wildlife Management* 49:73-76.
- 320. Martin, N. S. 1965.** Effects of chemical control of sagebrush on the occurrence of sage grouse in southwestern Montana. Masters thesis, Montana State University, Bozeman.
- 321. Martin, N. S. 1970.** Sagebrush control related to habitat and sage grouse occurrence. *Journal of Wildlife Management* 34:313-320.
- 322. Martin, P. R. 1972.** Ecology of skunkbush sumac (*Rhus trilobata*) in Montana with special reference to use by mule deer. Masters thesis, Montana State University, Bozeman.
- 323. Martin, S. A. 1985.** Ecology of the Rock Creek bighorn sheep herd, Beartooth Mountains. Masters thesis, Montana State University, Bozeman.
- 324. Maron, J. and D. E. Pearson. 2007.** Indirect effects of apex predators in a grassland ecosystem. Funding report to the Bureau of Land Management, Billings, Montana.
- 325. Martinka, R. R. 1970.** Structural characteristics of ecological relationships of male blue grouse (*Dendragapus obscurus* [SAY]) territories in southwestern Montana. PhD dissertation, Montana State University, Bozeman.
- 326. Matchet, M. R. 1985.** Moose-habitat relationships in the Yaak River drainage, northwestern Montana. Masters thesis, University of Montana, Missoula.
- 327. Matchet, M. R. 1985.** Habitat selection by moose in the Yaak River drainage, northwestern Montana. *Alces* 21:161-189.

- 328. Matlock-Cooley, S. 1993.** Interaction between deer mice, antelope bitterbrush, and cattle in southwest Montana. Masters thesis, Montana State University, Bozeman.
- 329. Matthews, J. W. 1973.** Ecology of bighorn sheep (*Ovis canadensis*) on Wildhorse Island, Flathead Lake, Montana. Masters thesis, University of Montana, Missoula.
- 330. McCarthy, J. J. 1973.** Response of nesting Canada geese (*Branta canadensis*) to islands in stockdams in northcentral Montana. Masters thesis, Montana State University, Bozeman.
- 331. McCarthy, J. and J. Williams. 1995.** Cougar. *Montana Outdoors* 26:24-28.
- 332. McDonald, M. 1980.** Winter range utilization and movements by elk along the middle fork of the Flathead River, Montana. Masters thesis, University of Montana, Missoula.
- 333. McNeal, A. F. 1984.** Site characteristics and effect on elk and mule deer use of the Gardiner Winter Range, Montana. Masters thesis, Montana State University, Bozeman.
- 334. Miller, J. G. 1978.** An ecological study of creeping juniper (*Juniperus horizontalis* MOENCH.) in Montana. Masters thesis, Montana State University, Bozeman.
- 335. Miller, M. G. 1980.** The influence of habitat features on waterfowl productivity on stock reservoirs in South Valley County, Montana. Masters thesis, Montana State University, Bozeman.
- 336. Monninger, S. R. 1992.** Cadmium levels in an ecosystem near a historic copper smelter. Masters thesis, Montana College of Mineral Sciences and Technology, Butte.
- 337. Montana Department of Fish and Game. 1964.** Sun River elk herd, 1910-1964. Unpublished Special Report, Montana Department of Fish and Game, Helena.
- 338. Montana Department of Fish, Wildlife and Parks. 1978.** Wild Horse Island: Jewel of the Flathead. *Montana Outdoors* 9(6):2-7.
- 339. Montana Department of Fish, Wildlife and Parks. 2006.** Ecology of white-tailed deer in the Salish Mountains, northwest Montana. Wildlife Division, Montana Department of Fish, Wildlife and Parks, Helena.
- 340. Morgan, J. T. 1993.** Summer habitat use of white-tailed deer on the Taly Lake Ranger District, Flathead National Forest. PhD dissertation, Montana State University, Bozeman.
- 341. Mortan, M. A. 1976.** Nutritional values of major mule deer winter forage species in the Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 342. Moynahan, B. J. 2004.** Landscape-scale factors affecting population dynamics of greater sage-grouse (*Centrocercus urophasianus*) in north-central Montana 2001-2004. PhD dissertation, University of Montana, Missoula.
- 343. Munding, J. 1975.** The influence of rest-rotation grazing management on waterfowl production on stock-water reservoirs in Phillips County, Montana. Masters thesis, Montana State University, Bozeman.
- 344. Munding, J. G. 1976.** Waterfowl response to rest-rotation grazing. *Journal of Wildlife Management* 40:60-68.

- 345. Munding, J. G. 1981.** White-tailed deer reproductive biology in the Swan Valley, Montana. *Journal of Wildlife Management* 45:132-139.
- 346. Mussehl, T. W. 1958.** Blue grouse production, movements and population in the Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 347. Mussehl, T. W. 1963.** Blue grouse brood cover selection and land-use implications. *Journal of Wildlife Management* 27:546-555.
- 348. Mussehl, T. W. and F. W. Howell (eds.). 1971.** *Game Management in Montana*. Montana Department of Fish and Game, Helena.
- 349. Newell, A. and D. Ellis. 1982.** Mount Haggin: Living history. *Montana Outdoors* 13(3):27-31.
- 350. Nielsen, L. S. 1978.** The effects of rest-rotation grazing on the distribution of sharp-tailed grouse. Masters thesis, Montana State University, Bozeman.
- 351. Nissler, C. M. 2009.** A review of prairie dog population demographics and implications for management in Montana. Report prepared for Montana Department of Fish, Wildlife and Parks, Helena.
- 352. Northrup, R. D. 1991.** Sharp-tailed grouse habitat use during fall and winter on the Charles M. Russell National Wildlife Refuge, Montana. Masters thesis, Montana State University, Bozeman.
- 353. Nyberg, H. E. 1980.** Distribution, movements and habitat use of mule deer associated with Brackett Creek Winter Range, Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 354. Oakley, G. 1976.** Mount Haggin: An investment for the future. *Montana Outdoors* 7(5):39-42.
- 355. O'Conner, K. S. 1987.** Ecology of white-tailed deer and mule deer in agricultural lands in the Gallatin Valley, Montana. Masters thesis, Montana State University, Bozeman.
- 356. Ogren, H. A. 1954.** A population study of the Rocky Mountain bighorn sheep (*Ovis canadensis canadensis* SHAW) on Wildhorse Island. Masters thesis, University of Montana, Missoula.
- 357. Olenicki, J. T. 1993.** Seasonal variation of fecal nitrogen and forage succulence in relation to condition and movements of two southeastern Montana mule deer populations. Masters thesis, Montana State University, Bozeman.
- 358. Olson, G. 1984.** Department lands: Blackleaf Wildlife Management Area. *Montana Outdoors* 15(5):15-17.
- 359. Olson, G. 1992.** Lands Legacy: Beefing up the Blackleaf. *Montana Outdoors* 23(2):27-30.
- 360. Ormiston, J. H. 1970.** A look at the Fleecer Mountain elk winter range. *Montana Outdoors* 5(1):2-4.
- 361. Ostovar, K. 1998.** Impacts of human activity on bighorn sheep in Yellowstone National Park. Masters thesis, Montana State University, Bozeman.
- 362. Oswald, R. A. 1981.** Aquatic resources inventory of the Mount Haggin Area, Montana Department of Fish, Wildlife and Parks, Helena.

- 363. Pallister, G. L. 1974.** The seasonal distribution and range use of bighorn sheep in the Beartooth Mountains, with special reference to the West Rosebud and Stillwater herds. Masters thesis, Montana State University, Bozeman.
- 364. Palmer, T. 1991.** Duck condos on the lake: Lake Helena Wildlife Management Area. *Montana Outdoors* 22(4):2-5.
- 365. Pearson, D. E. 2009.** Invasive plant architecture alters trophic interactions by changing predator abundance and behavior. *Oecologia* 159:549-558.
- 366. Peck, S. V. 1972.** The ecology of the Rocky Mountain goat in the Spanish Peaks area of southwestern Montana. Masters thesis, Montana State University, Bozeman.
- 367. Peek, J. M. 1961.** Reproduction of moose in southwestern Montana. Masters thesis, Montana State College, Bozeman.
- 368. Peek, J. M. 1962.** Studies of moose in the Gravelly and Snowcrest Mountains, Montana. *Journal of Wildlife Management* 26:360-365.
- 369. Peek, J. M. 1963.** Appraisal of moose range in southwestern Montana. *Journal of Range Management* 16:227-231.
- 370. Peek, J. M. and A. L. Lovaas. 1967.** Population changes within the Gallatin elk herd. *Journal of Wildlife Management* 31:304-316.
- 371. Peek, J. M. and A. L. Lovaas. 1968.** Differential distribution of elk by sex and age on the Gallatin winter range, Montana. *Journal of Wildlife Management* 32:553-557.
- 372. Pence, D., M. Smith, and M. R. Frisina. 1993.** Experimental Stewardship Program--An underpublicized success story. *Rangelands* 15(4):177-180.
- 373. Perkins, A. E. H. 2003.** Habitat use, reproductive biology, and nest-site selection of ground-nesting birds at Freezout Lake WMA in central Montana. Masters thesis, University of Montana, Missoula.
- 374. Peterson, J. G. 1969.** The food habits and summer distribution of juvenile sage grouse in central Montana. Masters thesis, Montana State University, Bozeman.
- 375. Peterson, J. G. 1970.** The food habits and summer distribution of juvenile sage grouse in central Montana. *Journal of Wildlife Management* 34:147-155.
- 376. Peterson, J. G. 1995.** Ecological Implications of sagebrush manipulation. Montana Department of Fish, Wildlife and Parks, Helena.
- 377. Peterson, J. and M. Frisina. 1993.** Livestock grazing and elk in Montana. Proceedings of the Western States and Provinces Elk Workshop, May 19-21, Bozeman, Montana.
- 378. Phippen, B. 1988.** Habitat for the future. *Montana Outdoors* 19(4):10-12; 35-36.
- 379. Phippen, W. 1994.** Small but important: Milk River Wildlife Management Area. *Montana Outdoors* 25(2):17-20.

- 380. Phippen, W. 1994.** Habitat Montana: Saving the best of the rest. *Montana Outdoors* 25(6):15-18.
- 381. Picton, H. D. 1959.** Use of vegetative types, migration, and hunter harvest of the Sun River elk herd, Montana. Masters thesis, Montana State College, Bozeman.
- 382. Picton, H. D. 1960.** Migration patterns of the Sun River elk herd, Montana. *Journal of Wildlife Management* 24:279-290.
- 383. Picton, H. D. 1966.** Sun River ups and downs. *Northwestern Fish and Game*.
- 384. Picton, H. D. 1973.** When a preserve isn't really a preserve. *Montana Outdoors* 4(1):2-6.
- 385. Picton, H. D. and I. E. Picton. 1975.** Saga of the Sun: A history of the Sun River elk herd. Game Management Division, Montana Department of Fish and Game, Helena.
- 386. Picton, H. D. (with I. E. Picton). 1975.** A wildlife bibliography of the Sun River. Montana Fish and Game Department, Helena.
- 387. Pyrah, D. 1969.** A review of habitat selection and food habits studies of sage grouse in Montana. Sixth Biennial Sage Grouse Workshop, Wyoming.
- 388. Pyrah, D. 1971.** Sage grouse habitat research in central Montana. *Proceedings of the Western Association of Fish and Game Commissioners* 51:293-300, Aspen, Colorado.
- 389. Pyrah, D. and R. Wallstad. 1974.** Movement and nesting of sage grouse hens in central Montana. *Journal of Wildlife Management* 38:630-633.
- 390. Pyrah, D. B. 1987.** American pronghorn antelope in the Yellow Water Triangle, Montana. Montana Department of Fish, Wildlife and Parks, Helena.
- 391. Rachael, J. 1992.** Mortality and seasonal habitat selection of white-tailed deer in an area recently colonized by wolves. Masters thesis, University of Montana, Missoula.
- 392. Raithel, J. D. 2005.** Impact of calf survival on elk population dynamics in west-central Montana. Masters thesis, University of Montana, Missoula.
- 393. Rauscher, R. L. 1995.** Deer use of irrigated alfalfa along the Yellowstone River, Custer County, Montana. Masters thesis, Montana State University, Bozeman.
- 394. Reed, G. 2009.** Effects of rotational cattle grazing on small mammal communities at Red Rock Lakes National Wildlife Refuge. Senior honors thesis, Montana State University, Bozeman.
- 395. Reichelt, L. R. 1973.** Characteristics of elk calving sites along the west fork of the Madison River, Montana. Masters thesis, Montana State University, Bozeman.
- 396. Rice, P. M., J. C. Tony, D. J. Bedunah, and C. E. Carlson. 1997.** Elk winter forage enhancement by herbicide control of spotted knapweed. *Wildlife Society Bulletin* 25:627-633.
- 397. Rideout, C. B. 1974.** A radio telemetry study of the ecology and behavior of the Rocky Mountain goat in western Montana. PhD dissertation, University of Kansas, Lawrence.

- 398. Riley, S. J. 1982.** Survival and behavior of radio-collared mule deer fawns during summers, 1978-1980, in the Missouri River Breaks, Montana. Masters thesis, Montana State University, Bozeman.
- 399. Roby, E. F. 1950.** A two-year study of pheasant stocking the Gallatin Valley, Montana. Masters thesis, Montana State College, Bozeman.
- 400. Roby, E. F. 1951.** A two-year study of pheasant stocking in the Gallatin Valley, Montana. *Journal of Wildlife Management* 15:299-307.
- 401. Roberts, D. A. 1970.** Antelope range use, food habits, and behavior in relation to sagebrush eradication. Masters thesis, Montana State University, Bozeman.
- 402. Rognrud, M. J. 1955.** Game range maintenance through salt distribution. Montana Department of Fish and Game P-R Quarterly Report, January-April. Montana Department of Fish and Game, Helena.
- 403. Roscoe, J. W. 2002.** Sage grouse movements in southwestern Montana. *Intermountain Journal of Sciences* 8:94-113,
- 404. Rose, B. J. 1956.** An evaluation of two introductions of Merriam's turkey into Montana. Masters thesis, Montana State College, Bozeman.
- 405. Rosgaard, A. I. 1981.** Ecology of the mule deer associated with the Brackett Creek Winter Range in the Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 406. Rothweiler, R. A. 1960.** Food habits, movements and nesting of gulls on a waterfowl area, Freezout Lake. Masters thesis, Montana State College, Bozeman.
- 407. Rouse, T. S. 1957.** Elk food habits, range use and movements, Gravelly Mountains, Montana. Masters thesis, Montana State College, Bozeman.
- 408. Rouse, T. S. 1957-61.** Elk investigations (elk-livestock relationships), P-R Completion Reports, Project W-73-R-3 through 6, Job A-1.1. Montana Department of Fish and Game, Helena.
- 409. Roy, J. L. 1992.** Ecology of reintroduced Rocky Mountain bighorn sheep following two transplants in the southern Madison Range, Montana. Masters thesis, Montana State University, Bozeman.
- 410. Roybal, J. P. 1998.** Winter mortality in the northern Yellowstone elk herd. Masters thesis, Montana State University, Bozeman.
- 411. Rundquist, V. M. 1973.** Avian ecology on stock ponds in two vegetational types in north-central Montana. PhD dissertation, Montana State University, Bozeman.
- 412. Runge, J. P. 2005.** Spatial population dynamics of *Microtus* in grazed and ungrazed grasslands. PhD dissertation, University of Montana, Missoula.
- 413. 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. Masters thesis, Montana State College, Bozeman.
- 414. Saunders, J. K. 1955.** Food habits and range use of the Rocky Mountain goat in the Crazy Mountains, Montana. *Journal of Wildlife Management* 19:429-437.

- 415. Schladweiler, P. 1974.** Ecology of Shiras moose in Montana. Federal Aid Project W-98-R and W-20-R, Final job report. Montana Department of Fish and Game, Helena.
- 416. Schladweiler, P. and D. R. Stevens. 1973.** Reproduction of Shiras moose in Montana. *Journal of Wildlife Management* 37:535-544.
- 417. Schladweiler, P. and R. Wallestad. 1974.** Breeding season movements and habitat selection of male sage grouse. *Journal of Wildlife Management* 38:634-637.
- 418. Schallenberger, A. D. 1966.** Food habits, range use and interspecific relationships of bighorn sheep in the Sun River area, west-central Montana. Masters thesis, Montana State University, Bozeman.
- 419. Schallenberger, A. 1969.** Sun River Game Preserve. *Montana Outdoors* 4(4):1-4.
- 420. Schurr, T. 1969.** Madison-Wall Creek Game Range. *Montana Outdoors* 4(5):7-8.
- 421. Schwarzkoph, W. F. 1973.** Range use and relationships of mule deer on the west slope of the Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 422. Semmens, W. J. 1996.** Seasonal movements and habitat use of the Highland/Pioneer Mountains bighorn sheep herd of southwest Montana. Masters thesis, Montana State University, Bozeman.
- 423. Shirokauer, D. 1996.** The effects of 55 years of vegetation change on bighorn sheep habitat in the Sun River area of Montana. Masters thesis, University of Montana, Missoula.
- 424. Sika, J. L. 2006.** Breeding ecology, survival rates, and causes of mortality of hunted and nonhunted greater sage-grouse in central Montana. Masters thesis, Montana State University, Bozeman.
- 425. Sime, C. A. 1991.** Sage grouse use of burned, non-burned, and seeded vegetation communities on the Idaho National Engineering Laboratory, Idaho. Masters thesis, Montana State University, Bozeman.
- 426. Slott, B. J. 1979.** White-tailed deer movements, survival, and population characters in the Clearwater River Drainage, Montana. Masters thesis, University of Montana, Missoula.
- 427. Smith, B. L. 1976.** Ecology of Rocky Mountain goats in the Bitterroot Mountains, Montana. Masters thesis, University of Montana, Missoula.
- 428. Smith, C. S. 1978.** Summer-fall movements, migrations, seasonal ranges, and habitat selection of the Middle Fork elk herd. Masters thesis, University of Montana, Missoula.
- 429. Smith, N. S. 1962.** The fall and winter ecology of the Shiras moose (*Alces alces shirasi*) in the Rock Creek drainage, Granite County, Montana. Masters thesis, University of Montana, Missoula.
- 430. Smith, R. H. 1952.** A study of waterfowl production on artificial reservoirs in eastern Montana. Masters thesis, Montana State College, Bozeman.
- 431. Smith, R. H. 1953.** A study of waterfowl production on artificial reservoirs in eastern Montana. *Journal of Wildlife Management* 17:276-291.

- 432. Snyder, R. O. 1966.** Forage competition between cattle and elk in the Gird Creek drainage of western Montana. Masters thesis, University of Montana, Missoula.
- 433. South, P.R. 1957.** Food habits and range use of the mule deer in the Scudder Creek area, Beaverhead County, Montana. Masters thesis, Montana State College, Bozeman.
- 434. Sovey, S. 1986.** Nesting and brooding ecology of Canada geese on an irrigation in northwestern Montana. Masters thesis, University of Montana, Missoula.
- 435. Sowell, B. F., C. L. Wambolt, J. K. Woodward, and V. R. Lane. In Press.** Relationship of Wyoming big sagebrush cover to herbaceous vegetation. Pp. xxx-xxx. *in* C. L. Wambolt, M. R. Frisina, B. F. Sowell, and R. B. Keigley [comps]. Proceedings of the symposium on shrublands: Wildlands and wildlife habitats. Fort Collins, Colorado. United States Department of Agriculture. Forest Service Proceedings RMRS-P-__.
- 436. Stansberry, B. F. 1991.** Distribution, movements, and habitat use during spring, summer, and fall by mule deer in the north Salish Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 437. Steery, E. F. 1979.** Distribution, range use and population characteristics of mule deer associated with the Schafer Creek winter range, Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 438. Stehn, T. V. 1973.** Daily movements and activities of cow elk in the Sapphire Mountains of western Montana during summer and fall. Masters thesis, University of Montana, Missoula.
- 439. Sterling, B. 1992.** Home for the bighorns (Mount Silcox Wildlife Management Area). *Montana Outdoors* 23(6):8-10.
- 440. Stevens, D. R. 1965.** Range relationships of elk and livestock in the Crow Creek Drainage, Elkhorn Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 441. Stevens, D. R. 1966.** Range relationships of elk and livestock, Crow Creek drainage, Montana. *Journal of Wildlife Management* 30:349-363.
- 442. Stevens, D. R. 1966.** The recovery of a major moose range in southwestern Montana. Montana Fish and Game Department, Bozeman. Presented at the forty-sixth annual conference of Western Association of State Fish and Game Commissioners, Butte, Montana, July 12-14.
- 443. Stevens, D. R. 1970.** Winter ecology of moose in the Gallatin Mountains, Montana. *Journal of Wildlife Management* 34:37-46.
- 444. Stewart, S. T. 1975.** Ecology of the west Rosebud and Stillwater bighorn sheep herds, Beartooth Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 445. Stivers, T. S. 1988.** Effects of livestock grazing on grizzly bear habitat along the east front of the Rocky Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 446. Stoecker, R. E. 1967.** A population study of five species of small rodents in the Bridger Mountains of Montana. Masters thesis, Montana State University, Bozeman.
- 447. Stone, J. L. 1971.** Winter movements and distribution of moose (*Alces alces shirasi*) in the upper Rock Creek drainage, Granite County, Montana. Masters thesis, University of Montana, Missoula.

- 448. Swaney, W. R. 1993.** Effects of predation on ground-nesting bird communities in northwestern Montana. Masters thesis, University of Montana, Missoula.
- 449. Swenson, J. E. 1985.** Compensatory reproduction in an introduced mountain goat population in the Absaroka Mountains, Montana. *Journal of Wildlife Management* 49:837-843.
- 450. Taylor, G. S. 1978.** Distribution, biology and harvest of common snipe (*Capella gallinago delicta*) in Montana. Masters thesis, Montana State University, Bozeman.
- 451. Thompson, M. J. 1980.** Mountain goat distribution, population characteristics and habitat use in the Sawtooth Range, Montana. Masters thesis, Montana State University, Bozeman.
- 452. Thompson, M. 1991.** Still a good idea: Blackfoot-Clearwater Wildlife Management Area. *Montana Outdoors* 22(6):27-31.
- 453. Thompson, M. 1995.** Growing pains in the Bitterroots: Calf Creek and Threemile Wildlife Management Areas. *Montana Outdoors* 26(50):19-22.
- 454. Thompson, M. J. 1996.** Winter foraging response of elk to spotted knapweed removal. *Northwest Science* 70:10-18.
- 455. Thompson, M. J. and R. E. Henderson. 1998.** Elk habituation as a credibility challenge for wildlife professionals. *Wildlife Society Bulletin* 26: 477-483.
- 456. Thompson, M. 1999.** Passing on a wild inheritance (Blackfoot-Clearwater Wildlife Management Area). *Montana Outdoors* 30(3):15-19.
- 457. Thompson, S. K. 2002.** Browse condition and trend on Montana ungulate ranges. Masters thesis, Montana State University, Bozeman.
- 458. Thompson, S. and S. J. Knapp. 2005.** Status of ungulate exclosures in Montana. Pp. 11-16 in Statewide browse evaluation project report no. two. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 459. Thompson, W. H. and P. L. Hansen. 2006.** Riparian and wetland inventory and health assessment on Robb Creek and Ledford Creek in the Robb/Ledford Wildlife Management Area. Bitterroot Restoration, Inc, Corvallis, Montana.
- 460. Thompson, W. H. and P. L. Hansen. 2007.** Riparian and wetland inventory and health assessment on Swamp Creek, Rock Creek, and Mera Reservoir in the Robb/Ledford Wildlife Management Area. Ecological Solutions Group LLC. Stevensville, Montana.
- 461. Thompson, W. H., M. Q. Thompson, and P. L. Hansen. 2008.** Riparian and wetland inventory and health assessment on Dry Hollow and Taylor Creeks in the Robb/Ledford Wildlife Management Area. Ecological Solutions Group LLC. Stevensville, Montana.
- 462. Thompson, W. H. and P. L. Hansen. 2009.** Riparian and wetland Inventory and health assessment on the Mule Ranch within the Mount Haggin Wildlife Management Area-2008 resample. Ecological Solutions Group, LLC. Stevensville, Montana.
- 463. Thompson, W. H., P. L. Hansen, and M. R. Frisina. In press.** A landscape level habitat survey of mule deer (*Odocoileus hemionus*) winter range. Pp. xxx-xxx in Proceedings of the symposium on shrublands: Wildlands and wildlife habitats. Fort Collins, Colorado. United States Department of Agriculture. Forest Service Proceedings RMRS-P-__.

- 464. Thompson, W. L. 1993.** Ecology of Merriam's turkey in relation to burned and logged areas in southeastern, Montana. PhD dissertation, Montana State University, Bozeman.
- 465. Thrift, T. M. 2006.** Effects of long-term winter-spring grazing on foothill rangeland. Masters thesis, Montana State University, Bozeman.
- 466. Tilton, M. 1977.** Habitat selection and use by bighorn sheep (*Ovis canadensis*) on a northwestern Montana winter range. Masters thesis, University of Montana, Missoula.
- 467. Toeffer, J. E. 1988.** The ecology of the greater prairie chicken as related to reintroductions. PhD dissertation, Montana State University, Bozeman.
- 468. Townsend, J. E. 1957.** Game management aspects of the Gallatin elk herd in Montana. Proceedings of the Western Association of State Game and Fish Commissioners 37:206-210.
- 469. Trout, R. G. 1978.** Small mammal abundance and distribution in the Missouri River Breaks, Montana. Masters thesis, Montana State University, Bozeman.
- 470. Tsai, K. 1964.** Nesting of ring-necked pheasants in Ninepipe area of western Montana. Masters thesis, University of Montana, Missoula.
- 471. Tschache, O. P. 1970.** Effects of ecological changes induced by various sagebrush control techniques on small mammal populations. Masters thesis, Montana State University, Bozeman.
- 472. Tyers, D. B. 2003.** Winter ecology of moose on the northern Yellowstone winter range. PhD dissertation, Montana State University, Bozeman.
- 473. Valentine, J. F. 2001.** *Grazing Management*. Second Edition. Academic Press, New York.
- 474. Varner, B. 1983.** Department lands: Judith River Wildlife Management Area. *Montana Outdoors* 14(2):9-10.
- 475. Varner, R. L. 1971.** Preliminary findings on the reseeding of abandoned haylands for winter elk forage on the Judith River Game Range. Montana Department of Fish and Game, Helena.
- 476. Vogel, W. O. 1983.** The effects of housing developments and agriculture on the ecology of white-tailed deer and mule deer in the Gallatin Valley, Montana. Masters thesis, Montana State University, Bozeman.
- 477. Vore, J. M. 1990.** Movements and distribution of some northern Yellowstone elk. Masters thesis, Montana State University, Bozeman.
- 478. Wallestad, R. O. 1970.** Summer movements and habitat use by sage grouse in central Montana. Masters thesis, Montana State University, Bozeman.
- 479. Wallestad, R. 1975.** Life history and habitat requirements of sage grouse in central Montana. Montana Department of Fish and Game, Helena.
- 480. Wallestad, R., J. G. Peterson, and R. L. Eng. 1975.** Foods of adult sage grouse in central Montana. *Journal of Wildlife Management* 39:628-630.
- 481. Wambolt, C. L., W. W. Fraas, and M. R. Frisina. 1996.** Variation in bitterbrush crude protein in southwestern Montana. *Great Basin Naturalist* 56(3):205-210.

- 482. Wambolt, C. L., M. R. Frisina, K. S. Douglass, and H. W. Sherwood. 1997.** Grazing effects on nutritional quality of bluebunch wheatgrass for elk. *Journal of Range Management* 50:503-506.
- 483. Wambolt, C. L., W. W. Fraas, and M. R. Frisina. 1998.** Bitterbrush (*Purshia tridentata* PURSH) growth in relation to browsing. *Great Basin Naturalist* 58:28-37.
- 484. Wambolt, C. L. and M. R. Frisina. 2002.** Montana Sagebrush: a taxonomic key and habitat descriptions. *Intermountain Journal of Sciences* 8(2):46-59.
- 485. Wambolt, C. L. and M. R. Frisina. 2002.** Montana Sagebrush Guide. Montana Department of Fish, Wildlife and Parks, Helena.
- 486. Wambolt, C. L., M. R. Frisina, S. J. Knapp, and R. M. Frisina. 2005.** Effect of method, site and taxon on line-intercept estimates of sagebrush cover. Pp. 87-93 in *Statewide browse evaluation project report no. two*. M. R. Frisina and S. J. Knapp (eds.). Montana Department of Fish, Wildlife and Parks, Helena.
- 487. Wambolt, C. L., M. R. Frisina, S. J. Knapp, and R. M. Frisina. 2006.** Effect of method, site, and taxon on line-intercept estimates of sagebrush cover. *Wildlife Society Bulletin* 32:440-445.
- 488. Ward, R. L. and C. L. Marcum. 2005.** Lichen litterfall consumption by wintering deer and elk in western Montana. *Journal of Wildlife Management* 69:1081-1089.
- 489. Watts, C. R., L. C. Eichhorn, and R. J. Mackie. 1987.** Vegetation trends within rest-rotation and season-long grazing systems in the Missouri River Breaks, Montana. *Journal of Range Management* 40(5):393-396.
- 490. Weigand, J. P. 1977.** The biology and ecology of Hungarian (European gray) partridge (*Perdix perdix* L.) in north central Montana. PhD dissertation, Montana State University, Bozeman.
- 491. Weigand, J. P. 1980.** Ecology of the Hungarian partridge in north-central Montana. Wildlife Monograph 74. The Wildlife Society, Bethesda, Maryland.
- 492. Weigand, J. P. 1994.** Range use and interspecific competition of Rocky Mountain bighorn sheep in the Highland Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 493. Weigand, J. P. and R. G. Janson. 1976.** Montana's ring-necked pheasant: History, ecology and management. Game Division Bulletin, Montana Department of Fish and Game, Helena.
- 494. Wentland, H. J. 1968.** Summer range habits of the pronghorn antelope in central Montana with special reference to proposed sagebrush control study plots. Masters thesis, Montana State University, Bozeman.
- 495. Whelam, N. J. 2008.** Effects of cattle grazing on small mammal communities at Red Rock Lakes National Wildlife Refuge, Montana. Masters thesis, Montana State University, Bozeman.
- 496. White, K. L. 1958.** Summer range ecology of Rattlesnake Creek mule deer in the spruce fir zone. PhD dissertation, University of Montana, Missoula.
- 497. Wilkins, B.T. 1956.** Range use, food habits, and agricultural relationships of mule deer, Bridger Mountains, Montana. Masters thesis, Montana State College, Bozeman.

- 498. Wilkins, B. T. 1957.** Range use, food habits, and agricultural relationships of the mule deer, Bridger Mountains, Montana. *Journal of Wildlife Management* 21:159-169.
- 499. Wisinski, C. L. 2007.** Survival and summer habitat selection of male greater sage-grouse (*Centrocercus urophasianus*) in southwestern Montana. Masters thesis, Montana State University, Bozeman.
- 500. Wood, A. K. 1987.** Ecology of a prairie mule deer population. PhD dissertation, Montana State University, Bozeman.
- 501. Wood, A. K., R. J. Mackie, and K.L. Hamlin. 1989.** Ecology of sympatric populations of mule deer and white-tailed deer in a prairie environment. Wildlife Division, Montana Department of Fish, Wildlife and Parks, Helena.
- 502. Wood, A. K., R. J. Mackie, and G. L. Dusek. 1994.** Where the species come together. Pp. 344-350 in Deer. Gerlach, D., S. Atwater, and J. Schnell (eds.). Stackpole Books, Mechanicsville, Pennsylvania.
- 503. Wood, K. W. 2004.** Effects of prescribed burning on deer and elk habitat parameters in Montana's Missouri River Breaks. Masters thesis, Montana State University, Bozeman.
- 504. Woodgerd, W. R. 1952.** A study of plant development coincident with some phases of ring-necked pheasant breeding behavior. Masters thesis, University of Montana, Missoula.
- 505. Woodward, J. K. 2006.** Greater sage-grouse habitat in central Montana. Masters thesis, Montana State University, Bozeman.
- 506. Wunder, M. 1980.** Elk-cattle range relationships in the Crazy Mountains, Montana. Masters thesis, University of Montana, Missoula.
- 507. Yde, C. A. 1977.** The distribution and movements of sharp-tailed grouse during spring and summer in relation to rest-rotation grazing. Masters thesis, Montana State University, Bozeman.
- 508. Youmans, C. C. 1992.** Assessment of habitat fragmentation, roads and weather on elk harvest and elk vulnerability in the upper Bitterroot Valley, Montana. PhD dissertation, Montana State University, Bozeman.
- 509. Youmans, H. B. B. 1979.** Habitat use by mule deer of the Armstrong winter range, Bridger Mountains, Montana. Masters thesis, Montana State University, Bozeman.
- 510. Zahn, H. M. 1974.** Seasonal movements of the Burdette Creek elk herd. Masters thesis, University of Montana, Missoula.
- 511. Zapatka, T. P. 1963.** Some results of two limited hunting seasons on hen pheasants in north central Montana. Masters thesis, Montana State College, Bozeman.

AUTHOR INDEX

A

ADERHOLD, M. W.—1
ADERHOLD, M.—2,3
ALLEN, E. O.—4,5
ALLEY, J.—6
ALT, K.—7,8
ANDRYK, T. A.—9
ATWATER, M. G.—10,11
AUCHLEY, B.—12,13,14
AUSTIN, R. R.—15
AYERS, D. M.—16

B

BARRACLOUGH, M. E.—17
BATY, G. R.—18
BAYLESS, S. R.—19
BEAL, R. G.—20
BECKER, B. W.—21
BEDUNAH, D. J.—16,221,396
BERG, P. F—22,23
BERGSTROM, R. D.—24
BERNER, K. L.—25
BERWICK, S. H.—26
BEST, L. B.—27,28
BEYER, A. C.—29
BIGGENS, D. E.—30
BISEL, G.—31,32
BLEICH, V. C.—272
BLOCK, W. M.—272
BOGGS, K. W.—33
BOHNE, J. R.—34
BOOKS, D.—35
BRANDBERG, S. M.—62
BRAUN, C. E.—36
BRAZDA, A. R.—37,38
BRICKER, M.—39
BRITT, T.—36
BROCKMAN, S. P.—40
BROWN, D. L.—41,42,45
BROWN, G. W.—43
BROWN, J.—44
BROWN, L. E.—45
BROWN, R. R.—46
BRUGGEMAN, J. E.—47

BUCSIS, R. A. (D.)—48,49
BURLEIGH, W.—50
BUSS, I. O.—51
BUTTS, T.—52

C

CADA, J. D.—53
CAMPBELL, R. B.—54,55,262
CANFIELD, J.—142
CANFIELD, J. E.—56
CARLSEN, T. E.—57
CARLSON, C. E.—396
CARROLL, B.—58
CASAGRANDA, L. G.—59
CASEBEER, R. L.—60,61,62
CHILDRESS, D. A.—63
CHREST, H.—64,65
CLOUGH, L. T.—66
COLE, G. F. (G.)—67,68,69
COMPTON, B. B.—70,71,72,102
CONSTAN, K.—73
COOL, K. L.—74
COONEY, B.—75
COONEY, R. F.—76,77,78
COOP, K. J.—79
COOPERRIDER, A. Y.—80
COPE, M. G.—81
COSTAIN, B.—82
COUEY, F.M.—83,84,85
CROSS, H. J.—86
CURTIS, S.—87,88

D

DANEKE, D.—89
DAY, T. A.—90
DE CESSARE, N. J.—91
DE SIMONE, R. M.—92
DENSON, S.—93
DICKSON, T.—94
DOOD, A. R.—95
DORN, R. D.—96,97
DOUGLASS, K.—98,143,144,146,234,482
DOUGLASS, R. J.—147
DUNCAN, E. A.—98
DURHAM, D. A.—99
DUSEK, G. L.—72,100,101,102,103,312,313,502

E

ECOLOGICAL SOLUTIONS GROUP, LLC.—104
EDGE, W. D.—105,106,301
EGAN, J. L.—107,108,109,140,300
EGGERS, M. J. S.—110
EICHHORN, L. C.—489
ELLIG, L. J.—111
ELLIS, D.—349
ELLIS, R. I.—112
ENG, R. L.—113,114,115,480
ENK, T.—117
ENK, T. A.—116
ERICKSON, G. E.—118
EUSTACE, C. D.—103,119,120,121

F

FAGER, C.—233,238,242
FAGER, C. W.—232,234,236,237,240,241,243
FEIST, F. G.—122
FIREBAUGH, J. E.—123
FLATH, D. L.—124
FONDELL, T. F.—125
FORMAN, K. A.—126
FOSS, A.—128
FOSS, A. J.—127
FRAAS, W. W.—129,130,162,481
FRALEY, J.—131
FREEMAN, J. S.—132
FRISINA, M. R.—7,8,130,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,169,179,231,232,233,236,237,238,239,240,241,242,244,245,246,253,272,372,377,463,481,482,483,484,485,486,487
FRISINA, R. M.—163,164,165,166,486,487
FULLER, A. F.—167
FULLER, P. R.—168

G

GALE, G.—235
GALLAGHER, J.—169
GJERSING, F. M.—170,171,172
GNIADEK, S.—173
GOBIEL, J.—174
GORDON, F. A.—175
GRANT, J.—131
GREER, K. R.—249
GRIFFITHS, D. E.—176
GROVER, K. E.—177

GUENTHER, G. E.—162,178,179
GUNDERSON, P. T.—180

H

HAGENER, M. J.—181
HALL, N. E.—182
HAMILTON, A. L.—183
HAMLIN, K. L.—184,185,313,501
HAMMOND, G. R.—186
HANSON, R.—6
HANSEN, J. J.—187
HANSEN, P. L.—188,459,460,461,462,463
HARRINGTON, M. G.—16
HARRINGTON, R. D.—189
HARTKORN, F.—51
HARVEY, S. J.—190
HEBBELWHITE, M.—265
HEMMER, S. A.—191
HENDERSON, R. E.—455
HERBERT, J.—192
HERRIGES, J. D.—102,193
HICKS, L.—194
HICKS, L. L.—301
HILDEBRAND, P. R.—195
HINZ, T. C.—196
HITCHCOX, S. M.—197
HOEKMAN, S. T.—198
HOGG, J. T.—199
HOLM, J.—200
HOLZER, K. A.—201
HOOK, D. L.—202
HOWELL, F. W.—348
HUDSON, M. S.—203
HURLEY, M. A.—204

I

IHSLE, H. B.—205
IRBY, L.R.—228

J

JACKSON, S. D.—206
JANKE, D. M.—207
JANSON, R. G.—493
JOHNSEN, S.—208
JOHNSON, C.—152
JOHNSON, D. E.—209,210,211

JOHNSON, K.—212
JONAS, R.—213
JONAS, R. J.—214,215
JONES, J. D.—301
JONKEL, G. M.—216
JORGENSEN, H. E.—217
JORGENSEN, H.E.—218
JOSLIN, G. L.—219
JOURDONNAIS, C.—141,221
JOURDONNAIS, C. S.—220,222

K

KAMPS, F. G.—223
KASTLER, M. A.—224
KASWORM, W. F.—225,226,228
KEATING, K. A.—227,228
KEIGLEY, R. B.—154,156,229,230,231,232,234,235,236,237,238,239,240,241,242,243,244,245,246
KIMBLE, D. S.—247
KING, F. J.—8,128
KIRSCH, J. B.—248,249
KISSEL, JR., R. E.—250
KLAVER, R.—251
KNAPP, S. J.—152,157,158,252,253,458,486,487
KNIGHT, R. R.—254,255,256,257,300
KNOCHE, K. G.—258
KNOWLES, C. J.—58,259,260,261,262
KNOWLTON, F. F.—263,264
KOHL, M.—265
KOMBEREC, T.—266
KONCERAK, W. F.—267
KOPEC, L.—268
KRAFT, S. K.—269
KRAHMER, R. W.—270
KRAUSMAN, P. R.—271,272
KUJALA, Q.—13,150,159,275
KUNTZ, B.—274,275,276,277,278,279
KURNAT, B.—280

L

LANE, V. R.—281,435
LANGLEY, M. A.—282
LATHROP, B. B.—283
LEACH, R. H.—284
LEGG, K. L.—285
LEHMKUL, J.—286
LEHTIMEN, S. A.—287
LEMKE, T. O.—288

LENTFER, J. W.—289,290
LESPERANSE, A. L.—291
LONGHURST, W. M.—291
LONNER, T. N.—292,293,294,295,301,311
LORANG, K. D.—296
LOVAAS, A. L.—297,298,299,300,370,371
LYON, J. L.—301

M

MACKIE, R. J.—72,102,115,185,290,294,295,302,303,304,305,306,307,308,309,310,311,312,313,489,501,502
MAKELA, P. D.—314
MARCUM, C. L.—301,315,316,317,318,319,488
MARIANI, J. M.—148,149
MARON, J.—39,324
MARTIN, P. R.—322
MARTIN, N. S.—320,321
MARTIN, S. A.—323
MARTINKA, R. R.—325
MATCHET, M. R.—326,327
MATLOCK-COOLEY, S.—328
MATTHEWS, J. W.—329
MC CARTHY, J. J.—151,330,331
MCCLEEREY, D. W.—301
MCDONALD, M.—332
MCNEAL, A. F.—333
MILLER, J. G.—334
MILLER, M. G.—335
MONNINGER, S. R.—336
MONTANA DEPARTMENT OF FISH AND GAME—337
MONTANA DEPARTMENT OF FISH, WILDLIFE AND PARKS—338,339
MORGAN, J. T.—340
MORIN, F. G.—145
MORSE, M.—290
MORTAN, M. A.—341
MOYNAHAN, B. J.—342
MUNDINGER, J.—343,344,345
MUSSEHL, T. W.—346,347,348

N

NAUGLE, D. E.—272
NEAL, O. L.—290
NEWELL, A.—349
NIELSEN, L. S.—350
NISSLER, C.—351
NORTHRUP, R.—272,352
NYBERG, H. E.—353

O

OAKLEY, G.—354
O'CONNER, K. S.—355
OGREN, H. A.—356
OLENICKI, J. T.—357
OLSON, G.—358,359
ORMISTON, J. H.—360
OSTOVAR, K.—361
OSWALD, R. A.—362

P

PAC, D. F.—313
PALLISTER, G. L.—363
PALMER, T.—364
PEARSON, D.—39
PEARSON, D. E.—324,365
PECK, S. V.—366
PEEK, J. M.—367,368,369,370,371
PENCE, D.—372
PERKINS, A. E. H.—373
PETERSON, J.—377
PETERSON, J. G.—103,374,375,376,480
PHIPPEN, B.—378
PHIPPEN, W.—379,380
PICKTON, H.—117
PICKTON, H. D.—381,382,383,384,385,386
PICKTON, I. E.—385,386
PYRAH, D.—387,388,389
PYRAH, D. B.—390

R

RACHAEL, J.—391
RAITHEL, J. D.—392
RAUSCHER, R. L.—393
REED, G.—394
REICHEL, L. R.—395
RICE, P. M.—396
RIDEOUT, C. B.—397
RILEY, S. J.—398
ROBERTS, D. A.—401
ROBY, E. F.—399,400
ROGNERUD, M. J.—62,402
ROSCOE, J. W.—403
ROSE, B. J.—404
ROSGAARD, A. I.—405

ROTHWEILER, R. A.—406
ROUSE, T. S.—407,408
ROY, J. L.—409
ROYBAL, J. P.—410
RUNDQUIST, V. M.—411
RUNGE, J. P.—412

S

SALWASSER, H.—291
SAUNDERS, J. K.—413,414
SCHADWEILER, P.—114,415,416,417
SCHALLENBERGER—418,419
SCHURR, T.—420
SCHWARZKOPF, W. F.—421
SEMMENS, W. J.—422
SHERWOOD, H. W.—482
SHIROKAUER, D.—423
SIKA, J. L.—424
SIME, C. A.—425
SLOTT, B. J.—426
SMITH, B. L.—427
SMITH, C. S.—428
SMITH, M.—372
SMITH, N. S.—429
SMITH, R. H.—430,431
SNYDER, R. O.—432
SOUTH, P. R.—433
SOVEY, S.—434
SOWELL, B.—152,435
STANSBERRY, B. F.—436
STEERY, E. F.—437
STEHN, T. V.—438
STERLING, B.—439
STEVENS, D. R.—416,440,441,442,443
STEWART, S. T.—444
STIVERS, T. S.—445
STOECKER, R. E.—446
STONE, J. L.—447
SULLIVAN, M.—152
SULLIVAN, M. G.—160
SWANEY, W. R.—448
SWENSON, J. E.—449
SWICKLAND, D.—291

T

TAYLOR, G. S.—450
THOMPSON, M.—452,453,456

THOMPSON, M. J.—177,451,454,455
THOMPSON, M. Q.—461
THOMPSON, S.—458
THOMPSON, S. K.—457
THOMPSON, W. H.—188,459,460,461,462,463
THOMPSON, W. L.—464
THRIFT, T. M.—465
TILTON, M.—466
TOEFFER, J. E.—467
TONY, J. C.—396
TOWNSEND, J. E.—468
TROUT, R. G.—469
TSAI, K.—470
TSCHACHE, O. P.—471
TYERS, D. B.—472

U

URNESS, P. J.—291

V

VARNER, B.—474
VARNER, R. L.—475
VALLENTINE, J. F.—473
VOGEL, W. O.—476
VORE, J. M.—477

W

WALLACE, M. C.—272
WALLSTEAD, R.—36,389,417,479,480
WALLSTEAD, R. O.—478
WAMBOLT, C. L.—130,152,153,155,161,162,179,435,481,483,484,485,486,487
WARD, R. L.—488
WATTS, C. R.—489
WEIGAND, J. P.—301,490,491,492,493
WENTLAND, H. J.—494
WHELAM, N. J.—495
WHITE, K. L.—496
WILKING, B. T.—497,498
WILLIAMS, J.—14,331
WISINSKI, C. L.—499
WOOD, A. K.—312,500,501,502
WOOD, K. W.—503
WOODGERD, W. R.—504
WOODWARD, J. K.—435,505
WRIGHT, J. D.—272
WUNDER, M.—506

Y

YDE, C. A.—507

YOAKUM, J. O.—291

YOUmans, C. C.—508

YOUmans, H. B. B.—509

Z

ZAHN, H. M.—510

ZAPATKA, T. P.—511

SUBJECT INDEX

A

ADAPTIVE MANAGEMENT—243

AGRICULTURE

CROPS—67,71,84,107,355,393,476,498

STOCKPONDS—183,203,330,335,343,411,430,431

AQUATIC RESOURCES—203,255,330,335,362,411,430,431

BIBLIOGRAPHIES—151,165,166,249,386

BLOCK MANAGEMENT—212

B

BIRDS

GENERAL—122,125,197,411

GRASSLAND—198

GROUND NESTING—373,448

UPLAND

GENERAL—166

BLUE GROUSE—325,346,347

SHARP-TAILED GROUSE—46,81,180,350,352,507

CHUKAR PARTRIDGE—216

GREATER PRAIRIE CHICKEN—467

HUNGARIAN PARTRIDGE—490,491

MERRIAM'S TURKEY—174,201,213,214,215,404,464

PHEASANT—15,51,92,131,399,400,470,493,504,511

RUFFED GROUSE—211,287

SAGE GROUSE—103,113,114,120,152,153,281,320,321,342,374,375,387,388,389,403,417,424,425,
478,479,480,499,505

WATERFOWL

GENERAL—22,23,57,59,111,170,171,192,203,255,296,335,343,344,430,431

CANADA GEESE—10,11,17,63,124,183,196,202,330,434

COMMON SNIFE—450

DUCK—6,126,182,200,278,280,364

GREATER SANDHILL CRANE—142

GULLS—406

NON-GAME

GENERAL—27

NORTHERN GOSHAWK—66

SPARROW—28

BROWSE—68,96,97,121,139,157,158,159,160,164,168,229,230,231,232,233,234,235,236,237,238,239,
240,241,242,245,246,253,407,483

D

DEVELOPMENT—9,56,105,205,478

E

ECONOMICS—24

F

FENCE—22,23

FERTILIZER—64,65

FIRE—16,99,130,174,197,220,221,222,267,314,425,464,503

FOOD HABITS—21,34,60,61,80,97,106,118,119,133,162,191,226,228,248,250,263,264,298,318,322,341,357,401,406,407,413,414,418,454,480,488,498

FURBEARERS

BEAVER—59

G

GRAZING—74,108,109,110,115,125,137,138,140,145,150,170,171,172,173,174,220,222,226,252,259,260,261,262,266,272,306,328,343,344,350,377,394,412,432,440,441,445,465,473,482,489,506,507

GRIZZLY—445

H

HABITAT MONTANA—378,380

HABITAT USE—15,20,25,30,34,56,66,79,81,82,91,95,106,114,202,219,250,282,285,286,287,293,315,316,317,319,327,340,347,352,353,373,374,375,387,388,391,417,422,428,436,451,466,478,499,508

HISTORY—189

HUMAN DISTURBANCE—105,197,361,455,508

I

ID GUIDES—155,161,484,485

INTERSPECIFIC COMPETITION—80,162,250,304,418,492,502

INVASIVE PLANTS—365

L

LOGGING—16,90,186,248,301,464

M

METHODS—68,135,143,144,146,229,231,233,236,237,238,240,241,242,300,311,486,487

P

PARKS AND RESERVES

GENERAL—384

C. M. RUSSELL WILDLIFE REFUGE—180,352

RED ROCKS LAKES NATIONAL REFUGE—394
WILDHORSE ISLAND—283,329,338,356
YELLOWSTONE NATIONAL PARK—7

PHOTO ESSAY—163,164
PITTMAN-ROBERTSON REPORTS—41,42,45,55,408
POLLUTION—31,32,336

R

RANGE MANAGEMENT—136,147,187,272,372
RANGE USE—4,5,21,67,132,248,252,266,297,302,303,332,333,401,407,413,414,418,421,433,437,492,
494,496,497,498
RIPARIAN—33,110,138,172,188,362,459,460,461,462

S

SMALL MAMMALS

GENERAL—39,53,147,328,394,412,446,469,495
PRAIRIE DOGS—152,260,351

U

UNGULATES

GENERAL—239,244,291,312,457,458,502
ANTELOPE—19,21,54,67,132,390,401,494

BIGHORN SHEEP—1,9,26,29,43,52,73,80,83,85,91,116,117,118,133,164,199,208,226,227,228,250,251,
268,285,323,329,356,361,353,409,418,422,423,439,444,466,492

BISON—47,167

ELK—8,18,20,30,34,37,38,56,76,79,84,86,89,90,105,106,112,119,121,128,137,139,141,144,146,162,168,
173,174,177,186,191,204,209,210,219,220,222,224,226,248,249,256,257,259,261,262,265,266,267,273,
286,288,293,299,300,301,302,303,307,315,316,317,318,319,332,333,334,360,370,371,377,381,382,385,
392,395,396,407,408,410,428,432,438,440,441,454,455,468,477,488,503,506,508,510

MOOSE—82,96,97,263,264,282,326,327,367,368,369,415,416,429,442,443,447,472

MOUNTAIN GOAT—50,60,61,62,127,289,290,366,397,413,414,427,449,451

MULE DEER—18,48,49,80,95,98,100,101,107,123,143,162,176,179,184,185,191,205,206,223,225,226,
250,252,258,259,261,266,269,297,298,302,303,308,309,310,310,313,322,333,341,353,355,357,398,405,
421,433,463,476,496,497,498,500,501,503,509

WHITE-TAILED DEER—4,5,18,25,40,70,71,72,102,191,193,194,195,207,223,270,284,313,339,340,345,355,
391,426,476,501

V

VEGETATION

BROWSE

ASPEN—99,239,244,247

BITTERBRUSH—16,129,130,178,179,328,481,483

MOUNTAIN MAHOGANY—98

SAGEBRUSH—21,27,28,36,122,130,153,155,161,189,206,281,320,471,484,485,486,494

WILLOW—16,96,235,376,401,435

VEGETATION EVALUATION—41,121,188,190,200,218,231,233,234,236,237,238,240,241,242,245,246,253,254,256,292,311,457,459,460,461,462

VEGETATION RESTORATION—104,475

VEGETATION TREATMENTS—64,65,217,320,321,376,396,401,471,494

W

WEEDS—2,265,396,454

WILDLIFE-LIVESTOCK INTERACTIONS—54,69,101,119,123,131,140,141,149,173,174,191,220,226,260,266,291,294,295,302,303,304,305,306,307,377,432,440,441,445,506

WILDLIFE MANAGEMENT—271,313,348,468

WILDLIFE MANAGEMENT AREAS

GENERAL—3,88,128,181,292,378,402

BEAR CREEK—277

BEARTOOTH—14,58,116

BLACKFOOT-CLEARWATER—39,75,204,365,452,456

BLACKLEAF—358,359

CALF CREEK—453

CANYON FERRY—57,192,278

DOMES MOUNTAIN—273

EAR MOUNTAIN—13,150,157,159

FREEZOUT—12,35,202,296,373

GRAVELLY-BLACKTAIL—279

ISAAC HOMESTEAD—92,93

JUDITH RIVER—49,474,475

KOOTENAI FALLS—44

LAKE HELENA—364

MADISON-WALL CREEK—77,420

MILK RIVER—379

MOUNT FLEECER—145,239,244,360,482

MOUNT HAGGIN—134,135,137,142,154,156,178,179,188,232,233,234,236,237,238,240,241,242,243,275,328,336,349,354,362,462,481,482

MOUNT SILCOX—439

NINEPIPE—15,131,470

ROBB-LEDFORD—459,460,461

SEVEN SISTERS—378

SUN RIVER—121,190,220,221,222,256,257,273,331,334,381,382,383,385,386,418,419,423,465

THREEMILE—453

WALL CREEK—8,276

WARM SPRINGS—169

YELLOWSTONE—94

WILDLIFE RESTORATION—78,81,83,348,404,409,449,467