

Institute of Arctic Biology and Department of Biology & Wildlife
Graduate Theses
October 2007

1. Adams, A. E. 1979. "The food habits, age, and growth of three midwater fishes (*Stenobrachius leocopsarus*, *Stenobrachius nannochir nannochir*, and *Leuroglossus schmidtii*) from the southeastern Bering Sea." M.S., University of Alaska Fairbanks.
Notes: Dr. Cooney
2. Albert, D. M. 1999. "Grizzly bear - human interactions: effects of human activities and habitat selection by bears." M.S., University of Alaska Fairbanks.
Notes: Dr. Bowyer
3. Allaye-Chan, A. C. 1991. "Physiological and ecological determinants of nutrient partitioning in caribou and reindeer." Ph.D., University of Alaska Fairbanks.
Notes: Dr. White
4. Alt, K. T. 1967. "Taxonomy and ecology of the inconnu, *Stenodus leucichthys nelma*, in Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Morrow
5. Amstrup, S. C. 1995. "Movements, distribution, and population dynamics of polar bears in the Beaufort Sea." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Dean
6. Anderson, B. A. 1983. "Habitat selection and habitat partitioning in four interior Alaska sparrows." M.S., University of Alaska Fairbanks.
Notes: Dr. Kessel
7. Anderson, H. L. 1974. "Natural history and systematics of the tundra hare (*Lepus othus* Merriam) in western Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Lent
8. Anderson, P. R. 1984. "Seasonal changes of attached algae in two Alaskan subarctic streams." M.S., University of Alaska Fairbanks.
Notes: Dr. LaPerriere
9. Arvey, W. D. 1974. "Glycerol metabolism and other biochemical features associated with overwintering in the adult insect *Pterostichus brevicornis* (Carabidae)." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Miller
10. Ayres, M. P. 1985. "The effect of seasonal changes in birch foliage on the growth-energetics of *Epirrita autumnata*, an eruptive geometrid." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
11. Babcock, C. A. 1986. "Vegetation patterns and microtine rodent use of tundra habitats in northeastern Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
12. Barten, N. L. 1998. "Habitat use by parturient and nonparturient caribou of the Mentasta Caribou Herd." M.S., University of Alaska Fairbanks.
Notes: Dr. Bowyer
13. Batten, A. R. 1977. "The vascular floristics, major vegetation units, and phytogeography of the Lake Peters area, northeastern Alaska." M.S., University of Alaska Fairbanks.

Notes: Dr. Murray

14. Baust, J. G. 1970. "Influences of low temperature on cold hardiness and neural adaptation in the Alaskan beetle, *Pterostichus brevicornis* (Carabidae)." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Miller
15. Beckmen, K. B. 1999. "Blood organochlorines, immune function and health of free-ranging northern fur seal pups (*Callorhinus ursinus*)." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Blake
16. Belant, J. L. 2006. "Resource partitioning by sympatric brown and American black bears." Ph.D., University of Alaska Fairbanks.
17. Ben-David, M. 1996. "Seasonal diets of mink and martens: effects of spatial and temporal changes in resource abundance." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Klein
18. Benson, A.-M. 2000. "Temporal patterns of migration, molt, and fat storage among high-latitude passerine migrants." M.S., University of Alaska Fairbanks.
Notes: Dr. Winker
19. Bente, P. J. 1981. "Nesting behavior and hunting activity of the gyrfalcon in south central Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Swartz
20. Berg, E. E. 1988. "Plant dispersal in North America in the post-glacial period." M.S., University of Alaska Fairbanks.
Notes: Dr. Murray
21. Berger, M. 1996. "Summer habitat relationships and foraging ecology of the Delta bison herd." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
22. Betts, E. F. 2005. "Permafrost and wildfire influence on stream nutrient dynamics and metabolism in boreal forest watersheds of interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Stuart Chapin III
23. Bevins, J. S. 1989. "Activity patterns of moose on the Kenai Peninsula, Alaska, as influenced by season and food availability." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
24. Bevins, J.S. 1993. "Detection and control of brucellosis in reindeer vaccinated with *Brucella suis* biovar 3." Ph.D., University of Alaska Fairbanks.
Notes: Drs. Bowyer, Dieterich
25. Biddlecomb, M. E. 1992. "Comparative pattern of winter habitat use by muskoxen and caribou in northern Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
26. Bidlack, A. L. 2000. "Phylogeography and population genetics of northern flying squirrels (*Glaucomys sabrinus*) in Southeast Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Cook
27. Billington, M. M. 1981. "Nitrogen fixation in a black spruce (*Picea mariana* [Mill.] B.S.P.) forest in interior Alaska." M.S., University of Alaska Fairbanks.

Notes: Dr. Alexander

28. Bishop, J. A. 1992. "The relationship between size and thermoregulatory capability in social and solitary bees in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Armbruster
29. Bishop, R. H. 1967. "Reproduction, age determination, and behavior of the harbor seal, *Phoca vitulina* L., in the Gulf of Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
30. Blanchard, J. M. 1983. "The turnover of 75-selenium-selenomethionine as an indicator of the status of protein metabolism in reindeer (*Rangifer tarandus*)." Ph.D., University of Alaska Fairbanks.
Notes: Drs. Luick, White (acting chairman)
31. Bleich, V. C. 1993. "Sexual segregation in desert-dwelling mountain sheep." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Bowyer
32. Blundell, G. M. 2001. "Social organization and spatial relationships in coastal river otters: assessing form and function of social groups, sex-biased dispersal, and gene flow." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Bowyer
33. Boertje, R. D. 1981. "Nutritional ecology of the Denali caribou herd." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
34. Boise, C. M. 1977. "Breeding biology of the lesser sandhill crane, *Grus canadensis canadensis* (L.), on the Yukon-Kuskokwim Delta, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
35. Bond, B. J. 1988. "Microbial ecology of an Alaskan arctic tundra beaded stream." M.S., University of Alaska Fairbanks.
Notes: Dr. Oswood
36. Borner, A. P. 2006. "Plant Phenology and Seasonal Nitrogen Availability in Arctic Snowbed Communities." M.S., University of Alaska Fairbanks.
37. Bos, G. N. 1967. "Range types and their utilization by muskox on Nunivak Island, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
38. Boudreau, T. A. 1995. "The role of topography in habitat selection by grizzly bears in the northcentral Alaska Range." M.S., University of Alaska Fairbanks.
Notes: Dr. Follmann
39. Bouwens, K. A. 1998. "Investigations into the early life history of arrowtooth flounder." M.S., University of Alaska Fairbanks.
Notes: Dr. Smith, Dr. Paul
40. Boyce, M. S. 1974. "Beaver population ecology in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Harbo
41. Brannon, R. D. 1983. "Blood profile of grizzly bears in central and northern Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Harbo

42. Breene-Schloesser, D. M. 2007. "Nest-Building Behavior in House Mice (*Mus musculus*), a Potential Model of Obsessive-Compulsive Disorder in Humans." Ph.D., University of Alaska Fairbanks.
43. Brickell, D. C. 1971. "Oxygen consumption by dead pink salmon eggs in salmon spawning beds." M.S., University of Alaska Fairbanks.
Notes: Dr. Van Hyning
44. Brink, C. H. 1964. "Spruce seed as a food of the squirrels *Tamiasciurus hudsonicus* and *Glaucomys sabrinus* in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Dean
45. Bromley, R. G. H. 1976. "Nesting and habitat studies of the dusky Canada goose (*Branta canadensis occidentalis* Baird) on the Copper River Delta, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Bartonek
Label: 81 pp.
46. Brooks, J. W. 1954. "A contribution to the life history and ecology of the Pacific walrus." M.S., University of Alaska Fairbanks.
Notes: Dr. Buckley
47. Brown, B. N. 1987. "Community structure and longitudinal patterns of benthic invertebrates in a heavy-metal contaminated Alaska river system." M.S., University of Alaska Fairbanks.
Notes: Dr. Oswood
48. Brown, R. J. 2000. "Migratory patterns of Yukon River inconnu as determined with otolith microchemistry and radiotelemetry." M.S., University of Alaska Fairbanks.
Notes: Dr. Reynolds
49. Brown, R. N. 1975. "Aspects of vocal behavior of the raven (*Corvus corax*) in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
50. Bryant, J. P. 1984. "Chemical defense of boreal woody plants against vertebrate herbivores." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Chapin
51. Buck, Charles Loren. 1998. "Physiological ecology of the arctic ground squirrel: Energy metabolism, torpor, and behavioral endocrinology." Ph.D., University of Alaska Fairbanks.
Notes: Brian M. Barnes, committee chair
52. Bue, B. G. 1986. "Effects of gill net selectivity on sockeye salmon in the Egegik and Naknek-Kvichak districts, Bristol Bay, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Reynolds
53. Burch, J. W. 2001. "Evaluation of wolf density estimation from radiotelemetry data." M.S., University of Alaska Fairbanks.
Notes: Dr. Follmann
54. Burgess, R. M. 1984. "Investigations of patterns of vegetation distribution and abundance of small mammals and nesting birds, and behavioral ecology of arctic foxes at Demarcation Bay, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Follmann
55. Burgess, S. M. 1974. "The St. Lawrence Islanders of Northwest Cape: patterns of resource utilization." Ph.D., University of Alaska Fairbanks.

Notes: Dr. Irving

56. Burns, J. J. 1964. "The ecology, economics and management of mink in the Yukon-Kuskokwim Delta, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Dean
57. Burris, F. A. 1991. "Diet and behavior of subarctic northern pintails in relation to nutritional requirements of breeding." M.S., University of Alaska Fairbanks.
Notes: Dr. Sedinger
58. Buskirk, S. W. 1983. "The ecology of marten in southcentral Alaska." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Gipson
59. Buttimore, C. A. 1983. "Microbial activity during leaf detritus processing in an Alaskan subarctic stream." M.S., University of Alaska Fairbanks.
Notes: Dr. Flanagan
60. Byrne, L. C. 1982. "Field testing the habitat evaluation procedures for Alaska." M.S., University of Alaska Fairbanks.
Notes: Drs. Gibson, Harbo
61. Caley, M. T. 1972. "The ontogeny of predatory behavior in captive arctic fox, *Alopex lagopus* ." M.S., University of Alaska Fairbanks.
Notes: Dr. Guthrie
62. Calkins, D. G. 1972. "Some aspects of the behavior and ecology of the sea otter, *Enhydra lutris*, in Montague Strait, Prince William Sound, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Lent
63. Calmes, M. A. 1976. "Vegetation pattern of bottomland bogs in the Fairbanks area, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. B. Neiland
64. Cameron, R. D. III. 1972. "Water metabolism by reindeer (*Rangifer tarandus*)." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Luick
65. Campbell, S. D. 1981. "Ontogeny of homeothermy in brown lemmings (*Lemmus sibiricus*)." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
66. Cargill, S. M. 1988. "Establishment of native plants on disturbed sites in arctic Alaska." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Chapin
67. Cater, T. C. 1990. "Effect of vegetation competition on tree seedling establishment and growth in an upland, post-fire succession in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Chapin
68. Cerbrian, Merben Rellen. 2005. "Effects of simulated climate change on the reproductive phenology of tussock cottongrass: Implications for growth and reproduction of reindeer on the Seward Peninsula, Alaska." M.S., University of Alaska Fairbanks.
Notes: Knut Kielland, committee chair
69. Chang, J. C. 1971. "An ecological study of butter clam (*Saxidomus giganteus*) toxicity in southeast Alaska."

M.S., University of Alaska Fairbanks.
Notes: Dr. Allen

70. Chapman, R. C. 1976. "The effects of human disturbance on wolves (*Canis lupus* L.)." M.S., University of Alaska Fairbanks.
Notes: Dr. Dean
71. Chen, L.-C. 1965. "The biology of the burbot, *Lota lota leptura* in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Morrow
72. Chesemore, D. L. 1967. "Ecology of the arctic fox in northern and western Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
73. Chihuly, M. B. 1979. "Biology of the northern pike, *Esox lucius* Linnaeus, in the Wood River lakes system of Alaska, with emphasis on Lake Aleknagik." M.S., University of Alaska Fairbanks.
Notes: Dr. Morrow
74. Choate, L. A. 1984. "A cytological description of *Eusimulium vernalis*, *E. x.*, and the *E. pugetense* complex (Diptera: Simuliidae) in Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Shields
75. Clark, R. A. 1985. "Evaluation of sampling gears for fish population assessment in Alaskan lakes." M.S., University of Alaska Fairbanks.
Notes: Dr. Reynolds
76. Clarke, M. E. 1978. "Some aspects of the feeding biology of larval walleye pollock, *Theragra chalcogramma* (Pallas) in the southeastern Bering Sea." M.S., University of Alaska Fairbanks.
Notes: Dr. Cooney
77. Clarke, R. G. 1984. "The sharp-shinned hawk (*Accipiter striatus* Vieillot) in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Swartz
78. Clarkson, K. E. 1996. "Thermoregulation in the common raven (*Corvus corax*) from interior Alaska in winter." M.S., University of Alaska Fairbanks.
Notes: Dr. Schamel
79. Clein, J. S. 1994. "Nitrogen turnover and availability during the transition from alder to poplar in the Alaskan taiga." M.S., University of Alaska Fairbanks.
Notes: Dr. Schimel
80. Clement, L. E. 1976. "The ecology of *Tipula carinifrons* Holm (Diptera: Tipulidae) of northern Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
81. Cliverd, H. M. 2007. "Surface-Subsurface Hydrologic Exchange and Nutrient Dynamics in the Hyporheic Zone of the Tanana River." M.S., University of Alaska Fairbanks.
82. Coady, J. W. 1975. "Bioenergetics of the brown lemming (*Lemmus sibiricus*)." Ph.D., University of Alaska Fairbanks.
Notes: Dr. West
83. Compton, T. L. 1969. "Cattle grazing behavior in relation to management of a subarctic range." M.S.,

University of Alaska Fairbanks.
Notes: Dr. Klein

84. Conroy, Christopher John. 1998. "Molecular phylogenetics of arvicoline rodents." M.S., University of Alaska Fairbanks.
Notes: James Cooke, committee chair
85. Cooper, B. A. 1984. "Seasonal bird use of alpine and subalpine habitats in the Upper Susitna River Basin, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
86. Corr, P. O. 1974. "Bald eagle (*Haliaeetus leucocephalus alaskensis*) nesting related to forestry in southeastern Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
87. Cotter, P. A. 1995. "Photoperiodism and the proximate controls of reproduction in the common redpoll (*Carduelis flammea*)." M.S., University of Alaska Fairbanks.
Notes: Dr. Deviche
88. Courtright, A. M. 1959. "Range management and the genus *Rangifer*: a review of selected literature." M.S., University of Alaska Fairbanks.
Notes: Dr. Scott
89. Cowan, C. A. 1983. "Phenology of benthic detritus input, storage and processing in an Alaskan subarctic stream." M.S., University of Alaska Fairbanks.
Notes: Dr. Oswood
90. Cowling, J. E. 1980. "Soil respiration in a black spruce taiga forest ecosystem." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
91. Crain, R. D. 1998. "Environmental influence on reproduction in two passerine birds, the dark-eyed junco and the white-winged crossbill." M.S., University of Alaska Fairbanks.
Notes: Dr. Deviche
92. Cranor, C. L. 1990. "An analysis of the use of space by red squirrels (*Tamiasciurus hudsonicus*)." M.S., University of Alaska Fairbanks.
Notes: Dr. Dean
93. Crater, A. R. 2006. "Seasonal Changes in the Rumen Microbial Ecology of Muskoxen." M.S., University of Alaska Fairbanks.
94. Crook, J. L. 1971. "Determination of abundance and distribution of brown bear (*Ursus arctos*) north of the Brooks Range, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Dean
95. Croxton, L. W. 1960. "A southeastern Alaska mink management study." M.S., University of Alaska Fairbanks.
Notes: Dr. Scott
96. Curatolo, J. A. 1975. "Factors influencing local movements and behavior of barren-ground caribou (*Rangifer tarandus granti*)." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
97. Curby, C. H. 1981. "Habitat selection and activity patterns of Dall sheep ewe groups in the Sheenjek River

drainage, northeast Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Harbo

98. Curry, T. L. 1995. "Effects of aircraft overflights on behavior and reproductive success of thick-billed murre (*Uria lomvia*) on St. George Island, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Murphy
99. Dale, B. W. 1993. "Wolf-caribou relationships in a multiple ungulate prey ecosystem." M.S., University of Alaska Fairbanks.
Notes: Dr. Bowyer
100. Danks, F. S. 2000. "Potential muskox habitat in the National Petroleum Reserve-Alaska: a GIS analysis." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
101. Darling, L. M. 1987. "Grizzly bear nursery habitat in Denali National Park, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Dean
102. Dau, C. P. 1974. "Nesting biology of the spectacled eider, *Somateria fischeri* (Brandt) on the Yukon-Kuskokwim Delta, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Dean
103. Dau, J. 1986. "Distribution and behavior of barren-ground caribou in relation to weather and parasitic insects." M.S., University of Alaska Fairbanks.
Notes: Drs. Klein, Cameron
104. Dawe, J. C. 1979. "Cytotaxonomy and cytogeography of selected arctic and boreal Alaskan vascular plant taxa." M.S., University of Alaska Fairbanks.
Notes: Dr. Murray
105. Day, R. H. 1980. "The occurrence and characteristics of plastic pollution in Alaska's marine birds." M.S., University of Alaska Fairbanks.
Notes: Dr. Kessel
106. DeFoliart, L. S. 1986. "Regulation of growth, nitrogen and phosphorus storage and carbon uptake in *Eriophorum vaginatum*, an arctic sedge." M.S., University of Alaska Fairbanks.
Notes: Dr. Chapin
107. Dehn, Larissa-A. 2005. "Trophic relationships in an Arctic marine foodweb and implications for trace elements dynamics." Ph.D., University of Alaska Fairbanks.
Notes: Erich Follmann and Todd O'Hara, committee co-chairs
108. DeLeonardis, S. 1952. "A study of the rock and willow ptarmigan *Lagopus mutus* L. and *Lagopus lagopus* L." M.S., University of Alaska Fairbanks.
Notes: Dr. Hosley
109. Delisa, S. M. 1989. "Primary afferent projections in a diver, the muskrat." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Ebbesson
110. Demboski, J. R. 1999. "Molecular systematics and biogeography of long-tailed shrews (Insectivora: *Sorex*) and northern flying squirrels (Rodentia: *Glaucomys*)." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Cook

111. Densmore, R. V. E. 1975. "Germination requirements of *Vaccinium vitis-idaea*, *Rosa acicularis* and *Viburnum edule*." M.S., University of Alaska Fairbanks.
Notes: Dr. Murray
112. DeWilde, La'Ona. 2003. "Human impacts to fire regime in interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Scott Rupp, David Berbyla, F.S. Stuart (Terry) Chapin III
113. Divoky, G. J. 1998. "Factors affecting growth of a black guillemot colony in northern Alaska." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Murphy
114. Dloniak, S. M. 2000. "Neuroendocrine control of song in the dark-eyed junco (*Junco hyemalis*)." M.S., University of Alaska Fairbanks.
Notes: Dr. Deviche
115. Doerr, J. 1979. "Population analysis and modeling of the Western Arctic Caribou Herd with comparisons to other Alaskan *Rangifer* populations." M.S., University of Alaska Fairbanks.
Notes: Dr. Harbo
116. Doran, K. 2000. "Photosynthetic acclimation of white spruce (*Picea glauca*) to canopy microhabitats." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Ruess
117. Drago, D. E. 1991. "Food habits and productivity of kittiwakes and murrelets at St. George Island, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Murphy
118. Dudley, J. P. 1999. "Foraging ecology and conservation biology of African elephants: ecological and evolutionary perspectives on elephant-woody plant interactions in African landscapes." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Bryant
119. Duffy, L. K. 1977. "A comparison of the primary structure of hemoglobins from two microtine tribes, Microtini and Lemmini." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Genaux
120. Duquette, L. S. 1984. "Patterns of activity and their implications to the energy budget of migrating caribou." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
121. Durall, S. K. 1993. "Phylogenetic analysis of northern hair seals based on nucleotide sequences of the mitochondrial cytochrome *b* gene." M.S., University of Alaska Fairbanks.
Notes: Dr. Cook
122. Durst, J. D. 1984. "Small mammals in relation to natural revegetation of gold dredge tailings at Nyac, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Harbo
123. Eastland, W. G. 1991. "Influence of weather on movements and migrations of caribou." Ph.D., University of Alaska Fairbanks.
Notes: Drs. Fancy, White
124. Eberhardt, W. L. 1977. "The biology of arctic and red foxes on the North Slope." M.S., University of Alaska Fairbanks.

Notes: Dr. Lent

125. Eck, K. C. 1983. "Forest characteristics and associated deer forage production on Prince William Sound islands." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
126. Edmundson, J. A. 1997. "Growth patterns of juvenile sockeye salmon in different thermal environments of Alaskan lakes." M.S., University of Alaska Fairbanks.
Notes: Dr. LaPerriere
127. Eichholz, M. W. 1996. "Body size, individual quality, and regulation of incubation in black brant." M.S., University of Alaska Fairbanks.
Notes: Dr. Sedinger
128. ———. 2001. "The implications of agriculture in Interior Alaska for population dynamics of Canada geese." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Sedinger
129. Ericksen, R. P. 1997. "Estimation of aging accuracy and precision growth, and sustained yield of coastal cutthroat trout in Southeast Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Quinn (Juneau campus)
130. Erickson, C. A. 1972. "Some preliminary observations on the acoustic behavior of semi-domestic reindeer, *Rangifer tarandus tarandus*, with emphasis on intraspecific communication and the mother-calf relationship." M.S., University of Alaska Fairbanks.
Notes: Dr. Lent
131. Eriksson, H. M. 2006. "Snowshoe hare densities in post-fire vegetation." M.S., University of Alaska Fairbanks.
Notes: Knut Kielland
132. Espe, C. R. 1976. "Alcohol dehydrogenase in human blood serum." M.S., University of Alaska Fairbanks.
Notes: Dr. Smith
133. Estensen, J. L. 2001. "Winter vertebrate browsing of birch: effects on the use of leaf litter leachates by stream microorganisms." M.S., University of Alaska Fairbanks.
Notes: Dr. Braddock
134. Fancy, S. G. 1986. "Daily energy budgets of caribou: a simulation approach." Ph.D., University of Alaska Fairbanks.
Notes: Dr. White
135. Fastie, C. L. 1994. "Two centuries of primary succession at Glacier Bay, Alaska: a test of a classic glacial retreat chronosequence." Ph.D., University of Alaska Fairbanks.
Notes: Drs. Chapin, MacLean
136. Feder, Sylvia. 1990. "Environmental determinants of seasonal coat color change in weasels (*Mustela erminea*) from two populations." M.S., University of Alaska Fairbanks.
Notes: Brian Barnes
137. Ferry, A. K. 2007. "Phylogenetic and Phylogeographic Insights into the Origin of Madagascar's Schrews." M.S., University of Alaska Fairbanks.
138. Fieldman, D. M. 2007. "The Role of Serotonergic (5-HT) Neromodulation in Respiratory Chemosensitivity." M.S., University of Alaska Fairbanks.

139. Fine, H. 1980. "Ecology of arctic foxes at Prudhoe Bay, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Gipson
140. Fleischman, C. L. 1986. "Genetic variation in muskoxen *Ovibos moschatus*." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
141. Fleischman, S. J. 1990. "Lichen availability on the range of an expanding caribou (*Rangifer tarandus*) population in Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
142. Fleming, R. S. 1968. "Phytosociology of birch-spruce forests on the Tanana upland, interior Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. B. Neiland
143. Flint, P. L. 1993. "Prefledging survival and reproductive strategies in black brant." Ph.D., University of Alaska Fairbanks.
Notes: Dr. Sedinger
144. Floyd, J. P. 1987. "Heart rate as an indicator of oxygen consumption during auditory and visual stimulation of caribou (*Rangifer tarandus*)." M.S., University of Alaska Fairbanks.
Notes: Dr. White
145. Fox, J. L. 1978. "Weather as a determinant factor in summer mountain goat activity and habitat use." M.S., University of Alaska Fairbanks.
Notes: Dr. Klein
146. Foy, R. J. 1996. "Seasonal proximate composition and food source comparisons of Dolly Varden char in the Kugururok River, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Reynolds
147. Fresco, N. 2006. "Carbon Sequestration in Alaska's Boreal Forest: Planning for Resilience in a Changing Landscape." Ph.D., University of Alaska Fairbanks.
148. Furilla, R. A. 1980. "Ecological and physiological correlates of tunnel nesting in the bank swallow, *Riparia riparia*, with reference to the cliff swallow, *Petrochelidon pyrrhonata*." M.S., University of Alaska Fairbanks.
Notes: Dr. West
149. Furnas, R. E. 1975. "A comparison of sampling methods for percent cover in tundra vegetation and a cluster analysis of satellite (ERTS) data." M.S., University of Alaska Fairbanks.
Notes: Dr. MacLean
150. Furtusch, P. R. 1995. "Techniques for monitoring density and correlates of inter-annual variation for northern red-backed voles (*Clethrionomys rutilus*) in Denali National Park and Preserve, Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Rexstad
151. Gardner, C. L. 1985. "The ecology of wolverines in southcentral Alaska." M.S., University of Alaska Fairbanks.
Notes: Dr. Harbo
152. Garron, J. I. 2007. "Oil and Wildfire Effects on Nutrient Cycling and Microbial Diversity in Subarctic Mineral Soils." M.S., University of Alaska Fairbanks.

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