

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

1. DeLeonardis S. A study of the rock and willow ptarmigan *Lagopus mutus* L. and *Lagopus lagopus* L. 1952. University of Alaska Fairbanks.
Notes: Dr. Hosley
2. Hakala JB. The life history and general ecology of the beaver (*Castor canadensis*) in interior Alaska. 1952. University of Alaska Fairbanks.
Notes: Dr. Hosley
3. Hooper DC. Waterfowl investigations at Minto Lakes, Alaska. 1953. University of Alaska Fairbanks.
Notes: Dr. Hosley
4. Klein DR. A reconnaissance study of the mountain goat in Alaska. 1953. University of Alaska Fairbanks.
Notes: Dr. Buckley
5. Lensink CJ. An investigation of the marten in interior Alaska. 1953. University of Alaska Fairbanks.
Notes: Dr. Buckley
6. Brooks JW. A contribution to the life history and ecology of the Pacific walrus. 1954. University of Alaska Fairbanks.
Notes: Dr. Buckley
7. Libby WL. A basis for beaver management in Alaska. 1954. University of Alaska Fairbanks.
Notes: Dr. Buckley
8. Wojcik FJ. Life history and management of the grayling in interior Alaska. 1955. University of Alaska Fairbanks.
Notes: Dr. Buckley
9. Skoog RO. Range, movements, population, and food habits of the Steese-Fortymile Caribou herd. 1956. University of Alaska Fairbanks.
Notes: Dr. Buckley
10. Harbo SJ. An investigation of mink in interior and southeastern Alaska. 1958. University of Alaska Fairbanks.
Notes: Dr. Buckley
11. Rowinski LJ. A review of waterfowl investigations and a comparison of aerial and ground censusing of waterfowl at Minto Flats, Alaska. 1958. University of Alaska Fairbanks.
Notes: Dr. Buckley
12. Courtright AM. Range management and the genus *Rangifer*: a review of selected literature. 1959. University of Alaska Fairbanks.
Notes: Dr. Scott
13. Rausch RA. Some aspects of population dynamics of the railbelt moose populations, Alaska. 1959. University of Alaska Fairbanks.
Notes: Dr. Scott
14. Croxton LW. A southeastern Alaska mink management study. 1960. University of Alaska Fairbanks.
Notes: Dr. Scott

15. O'Farrell TP. Snowshoe hares in Alaska. I. Home range and aspects of population and natural history in interior Alaska. 1960. University of Alaska Fairbanks.
Notes: Dr. Scott
16. Murray DF. Some factors affecting the production and harvest of beaver in the Upper Tanana River, Alaska. 1961. University of Alaska Fairbanks.
Notes: Dr. Scott
17. Trapp GR. Snowshoe hares in Alaska. II. Home range and ecology during an early population increase. 1962. University of Alaska Fairbanks.
Notes: Dr. Dean
18. Gross JE. Range and use of range by dall sheep (*Ovis dalli dalli*) on Victoria Mountain and Mount Schwatka, Alaska. 1963. University of Alaska Fairbanks.
Notes: Dr. Buckley
19. Roberts HA. Aspects of the life history and food habits of rock and willow ptarmigan. 1963. University of Alaska Fairbanks.
Notes: Dr. Klein
20. Brink CH. Spruce seed as a food of the squirrels *Tamiasciurus hudsonicus* and *Glaucomys sabrinus* in interior Alaska. 1964. University of Alaska Fairbanks.
Notes: Dr. Dean
21. Burns JJ. The ecology, economics and management of mink in the Yukon-Kuskokwim Delta, Alaska. 1964. University of Alaska Fairbanks.
Notes: Dr. Dean
22. Chen L-C. The biology of the burbot, *Lota lota leptura* in interior Alaska. 1965. University of Alaska Fairbanks.
Notes: Dr. Morrow
23. Schneider KD. Growth and plumage development of ducklings in interior Alaska. 1965. University of Alaska Fairbanks.
Notes: Dr. Klein
24. Kogl DR. Springs and ground-water as factors affecting survival of chum salmon spawn in a sub-arctic stream. 1965. University of Alaska Fairbanks.
Notes: Dr. Morrow
25. LeResche RE. Behavior and calf survival in Alaskan moose. 1966. University of Alaska Fairbanks.
Notes: Dr. Klein
26. Schallock EW. Grayling life history related to a hydroelectric development on the Chatanika River in interior Alaska. 1966. University of Alaska Fairbanks.
Notes: Dr. Morrow
27. Watt RD. The recreational potential of the Arctic National Wildlife Range. 1966. University of Alaska Fairbanks.
Notes: Dr. Klein
28. Alt KT. Taxonomy and ecology of the inconnu, *Stenodus leucichthys nelma*, in Alaska. 1967. University of Alaska Fairbanks.
Notes: Dr. Morrow

29. Bishop RH. Reproduction, age determination, and behavior of the harbor seal, *Phoca vitulina* L., in the Gulf of Alaska. 1967. University of Alaska Fairbanks.
Notes: Dr. Klein
30. Bos GN. Range types and their utilization by muskox on Nunivak Island, Alaska. 1967. University of Alaska Fairbanks.
Notes: Dr. Klein
31. Chesemore DL. Ecology of the arctic fox in northern and western Alaska. 1967. University of Alaska Fairbanks.
Notes: Dr. Klein
32. Hatler DF. Some aspects in the ecology of the black bear (*Ursus americanus*) in interior Alaska. 1967. University of Alaska Fairbanks.
Notes: Dr. Dean
33. Smith MC. Red squirrel (*Tamiasciurus hudsonicus*) ecology during spruce cone failure in Alaska. 1967. University of Alaska Fairbanks.
Notes: Dr. Dean
34. Koontz KC. Small game and furbearers of the Rampart Dam impoundment area. 1968. University of Alaska Fairbanks.
Notes: Dr. Klein
35. Pegau RE. Reindeer range appraisal in Alaska. 1968. University of Alaska Fairbanks.
Notes: Dr. Klein
36. Streubel DP. Food storing and related behavior of red squirrels (*Tamiasciurus hudsonicus*) in interior Alaska. 1968. University of Alaska Fairbanks.
Notes: Dr. Dean
37. Fleming RS. Phytosociology of birch-spruce forests on the Tanana upland, interior Alaska. 1968. University of Alaska Fairbanks.
Notes: Dr. B. Neiland
38. Kinney SB. Developmental adaptations and breeding behavior of the Alaska wood frog, *Rana sylvatica*. 1968. University of Alaska Fairbanks.
Notes: Dr. Herreid
39. Krasnowski PV. Aspects of red squirrel (*Tamiasciurus hudsonicus*) population ecology in interior Alaska. 1969. University of Alaska Fairbanks.
Notes: Dr. Harbo
40. Milke GC. Some moose-willow relationships in the interior of Alaska. 1969. University of Alaska Fairbanks.
Notes: Dr. Klein
41. Pitzman MS. Birth behavior and lamb survival in mountain sheep in Alaska. 1970. University of Alaska Fairbanks.
Notes: Dr. Klein
42. Vascotto GL. Feeding ecology and behavior of the grayling of McManus Creek, Alaska. 1970. University of Alaska Fairbanks.
Notes: Dr. Morrow

43. Compton TL. Cattle grazing behavior in relation to management of a subarctic range. 1969. University of Alaska Fairbanks.
Notes: Dr. Klein
44. Hadley RS. The effects of season and temperature on certain aspects of the physiology of the Alaska wood frog, *Rana sylvatica*, in Alaska. 1969. University of Alaska Fairbanks.
Notes: Dr. Miller
45. Norton DW. Thermal regime of nests and bioenergetics of chick growth in the dunlin (*Calidris alpina*) at Barrow, Alaska. 1970. University of Alaska Fairbanks.
Notes: Dr. West
46. Pearson W. An investigation of the soil fauna of some tidal marshes of southeast Alaska. 1970. University of Alaska Fairbanks.
Notes: Dr. Morrow
47. McIlroy CW. Aspects of the ecology and hunter harvest of the black bear in Prince William Sound. 1970. University of Alaska Fairbanks.
Notes: Dr. Klein
48. Nava JA. The reproductive biology of the Alaska lynx (*Lynx canadensis*). 1970. University of Alaska Fairbanks.
Notes: Dr. Dean
49. Salo LJ. A comparison of management practices and economic importance of moose, muskrat, hare and ptarmigan in Alaska and Finland. 1970. University of Alaska Fairbanks.
Notes: Dr. Klein
50. Sandegren FE. Breeding and maternal behavior of the Steller sea lion (*Eumetopias jubata*) in Alaska. 1970. University of Alaska Fairbanks.
Notes: Dr. Klein
51. Stephenson RO. A study of the summer food habits of the arctic fox on St. Lawrence Island, Alaska. 1970. University of Alaska Fairbanks.
Notes: Dr. Klein
52. Tack SL. The summer distribution and standing stock of the fishes of Izembek Lagoon, Alaska. 1970. University of Alaska Fairbanks.
Notes: Dr. Van Hyning
53. Brickell DC. Oxygen consumption by dead pink salmon eggs in salmon spawning beds. 1971. University of Alaska Fairbanks.
Notes: Dr. Van Hyning
54. Crook JL. Determination of abundance and distribution of brown bear (*Ursus arctos*) north of the Brooks Range, Alaska. 1971. University of Alaska Fairbanks.
Notes: Dr. Dean
55. Hjeljord OG. Feeding ecology and habitat preference of the mountain goat in Alaska. 1971. University of Alaska Fairbanks.
Notes: Dr. Klein
56. Johnson LL. The migration, harvest, and importance of waterfowl at Barrow, Alaska. 1971. University of Alaska Fairbanks.
Notes: Dr. Klein

57. Chang JC. An ecological study of butter clam (*Saxidomus giganteus*) toxicity in southeast Alaska. 1971. University of Alaska Fairbanks.
Notes: Dr. Allen
58. Gordon LJ. Stomach and intestinal bacterial flora of the tide-pool sculpin, *Oligocottus maculosus*, in southeastern Alaska. 1971. University of Alaska Fairbanks.
Notes: Dr. Smith
59. Calkins DG. Some aspects of the behavior and ecology of the sea otter, *Enhydra lutris*, in Montague Strait, Prince William Sound, Alaska. 1972. University of Alaska Fairbanks.
Notes: Dr. Lent
60. Erickson CA. Some preliminary observations on the acoustic behavior of semi-domestic reindeer, *Rangifer tarandus tarandus*, with emphasis on intraspecific communication and the mother-calf relationship. 1972. University of Alaska Fairbanks.
Notes: Dr. Lent
61. Modafferi MM. Aspects of the reproductive biology of the red squirrel (*Tamiasciurus hudsonicus*) in Interior Alaska. 1972. University of Alaska Fairbanks.
Notes: Dr. Dean
62. Caley MT. The ontogeny of predatory behavior in captive arctic fox, *Alopex lagopus*. 1972. University of Alaska Fairbanks.
Notes: Dr. Guthrie
63. Klingel JT. Observations on the parasites of thrushes (Turdidae) from interior Alaska. 1972. University of Alaska Fairbanks.
Notes: Dr. Swartz
64. Lindholm GR. Studies of nitrate reduction of Eagle Summit soil and isolate cultures. 1972. University of Alaska Fairbanks.
Notes: Dr. Norrell
65. Oliver LK. A study of microfungi on fertilizer plots in a young aspen stand. 1972. University of Alaska Fairbanks.
Notes: Dr. Van Cleve
66. Roseneau DG. Summer distribution, numbers, and food habits of the gyrfalcon (*Falco rusticolus* L.) on the Seward Peninsula, Alaska. 1972. University of Alaska Fairbanks.
Notes: Dr. Swartz
67. Sturdevant DC. Influence of crude oil on the serum proteins of the sockeye salmon, *Oncorhynchus nerka*. 1972. University of Alaska Fairbanks.
Notes: Dr. Morrow
68. Jones RD. A method for appraisal of annual reproductive success in the black brant populations. 1973. University of Alaska Fairbanks.
Notes: Dr. Klein
69. Nodler FA. Food habits, vocalizations, and territoriality of Alaskan red squirrels (g. *Tamiasciurus*). 1973. University of Alaska Fairbanks.
Notes: Dr. Dean
70. McCown DD. Amino and amide nitrogen content of the potato, *Solanum tuberosum*, and its relation to a shoot inhibitor phenomenon. 1973. University of Alaska Fairbanks.

Notes: Dr. Dinkel

71. Paul AJI. A study of growth, recruitment and distribution of *Protothaca staminea* in Galena Bay, Prince William Sound. 1973. University of Alaska Fairbanks.
Notes: Dr. Feder
72. Paulson AC. Aspects of the feeding biology and behavior of two parrotfishes (family Scaridae). 1973. University of Alaska Fairbanks.
Notes: Dr. Smith
73. Walker WI. Chlorinated hydrocarbon pollutants in gyrfalcons and their prey in Alaska. 1973. University of Alaska Fairbanks.
Notes: Dr. Swartz
74. Quimby RL. Waterfowl habitat and use of Chickaloon Flats, Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Harbo
75. Anderson HL. Natural history and systematics of the tundra hare (*Lepus othus* Merriam) in western Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Lent
76. Boyce MS. Beaver population ecology in interior Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Harbo
77. Corr PO. Bald eagle (*Haliaeetus leucocephalus alaskensis*) nesting related to forestry in southeastern Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Klein
78. Dau CP. Nesting biology of the spectacled eider, *Somateria fischeri* (Brandt) on the Yukon-Kuskokwim Delta, Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Dean
79. Schamel DL. The breeding biology of the Pacific eider (*Somateria mollissima v. nigra* Bonaparte) on a barrier island in the Beaufort Sea, Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Bartonek
80. Stringham SF. Mother-infant relations in semi-captive Alaskan moose (*Alces alces gigas*). 1974. University of Alaska Fairbanks.
Notes: Dr. Lent
81. Summerfield BL. Population dynamics and seasonal movement patterns of Dall sheep in the Atigun Canyon area, Brooks Range, Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Klein
82. West SD. Post-burn population response of the northern red-backed vole *Clethrionomys rutilus* in interior Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Dean
83. Kirton MP. Fall movements and hibernation of the wood frog, *Rana sylvatica*, in interior Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Smith
84. Mauer FJ. Erythrocyte adenosine triphosphate in some Alaskan fishes with respect to season and temperature acclimation. 1974. University of Alaska Fairbanks.
Notes: Dr. Smith

85. Murphy EC. An age structure and a reevaluation of the population dynamics of Dall sheep (*Ovis dalli dalli*). 1974. University of Alaska Fairbanks.
Notes: Dr. Klein
86. Springer AM. Effects of seasonal, geographic and dietary changes on pollutant levels in long-tailed jaegers, *Stercorarius longicaudus*. 1974. University of Alaska Fairbanks.
Notes: Dr. Swartz
87. Curatolo JA. Factors influencing local movements and behavior of barren-ground caribou (*Rangifer tarandus granti*). 1975. University of Alaska Fairbanks.
Notes: Dr. Klein
88. Searing GF. Aggressive behavior and population regulation in red squirrels in interior Alaska. 1975. University of Alaska Fairbanks.
Notes: Dr. MacLean
89. Brown RN. Aspects of vocal behavior of the raven (*Corvus corax*) in interior Alaska. 1975. University of Alaska Fairbanks.
Notes: Dr. MacLean
90. Densmore RVE. Germination requirements of *Vaccinium vitus-idaea*, *Rosa acicularis* and *Viburnum edule*. 1975. University of Alaska Fairbanks.
Notes: Dr. Murray
91. Schwan MW. Temperature regulation in the common raven (*Corvus corax principalis* Ridgway) from interior Alaska. 1974. University of Alaska Fairbanks.
Notes: Dr. Williams
92. Furnas RE. A comparison of sampling methods for percent cover in tundra vegetation and a cluster analysis of satellite (ERTS) data. 1975. University of Alaska Fairbanks.
Notes: Dr. MacLean
93. Grossman AF. Metabolism and temperature regulation of winter acclimatized black-capped chickadees of interior Alaska. 1975. University of Alaska Fairbanks.
Notes: Dr. West
94. Whitten KR. Habitat relationships and population dynamics of dall sheep (*Ovis dalli dalli*) in Mt. McKinley National Park, Alaska. 1975. University of Alaska Fairbanks.
Notes: Dr. Guthrie
95. Magoun AJ. Scavenging activity in northwestern Alaska. 1976. University of Alaska Fairbanks.
Notes: Dr. Dean
96. Smith TE. Reproductive behavior and related social organization of the musk ox on Nunivak Island. 1976. University of Alaska Fairbanks.
Notes: Dr. Lent
97. Valkenburg P. A study of the brown bear (*Ursus arctos*) in the proposed northeastern addition to Mount McKinley National Park. 1976. University of Alaska Fairbanks.
Notes: Dr. Dean
98. Modafferi RD. Aspects of morphology in female rock ptarmigan (*Lagopus mutus*) during ovarian recrudescence. 1976. University of Alaska Fairbanks.
Notes: Dr. Klein

99. LaPerriere AJ. Feasibility of caribou winter habitat analysis using satellite data. 1976. University of Alaska Fairbanks.
Notes: Dr. Lent
100. Sumner PC. Ecology of *Ledum groenlandicum* Oeder in interior Alaska. 1964. University of Alaska Fairbanks.
Notes: Drs. A. Johnson, B. Neiland
101. Clement LE. The ecology of *Tipula carinifrons* Holm (Diptera: Tipulidae) of northern Alaska. 1976. University of Alaska Fairbanks.
Notes: Dr. MacLean
102. Espe CR. Alcohol dehydrogenase in human blood serum. 1976. University of Alaska Fairbanks.
Notes: Dr. Smith
103. Calmes MA. Vegetation pattern of bottomland bogs in the Fairbanks area, Alaska. 1976. University of Alaska Fairbanks.
Notes: Dr. B. Neiland
104. Johnston MHS. Bacterial biomass and nitrogen transformation in arctic soils near Barrow, Alaska. 1976. University of Alaska Fairbanks.
Notes: Dr. Norrell
105. Wehle DHS. Summer food and feeding ecology of tufted and horned puffins on Buldir Island, Alaska - 1975. 1976. University of Alaska Fairbanks.
Notes: Dr. Kessel
106. Bromley RGH. Nesting and habitat studies of the dusky Canada goose (*Branta canadensis occidentalis* Baird) on the Copper River Delta, Alaska. 1976. University of Alaska Fairbanks.
Notes: Dr. Bartonek
Label: 81 pp.
107. Chapman RC. The effects of human disturbance on wolves (*Canis lupus* L.). 1976. University of Alaska Fairbanks.
Notes: Dr. Dean
108. Ohata CA. Temperature regulation and metabolism in northern fur seals, *Callorhinus ursinus* . 1976. University of Alaska Fairbanks.
Notes: Dr. Miller
109. Seastedt TR. Territory size and composition in Lapland longspurs (*Calcarius lapponicus*) in arctic Alaska. 1976. University of Alaska.
Notes: Dr. MacLean
110. Spindler MA. Ecological survey of the birds, mammals and vegetation of Fairbanks Wildlife Management Area. 1976. University of Alaska Fairbanks.
Notes: Dr. Lent
111. Ritchie RJ. A suggested approach to resource planning for the upper Yukon River. 1976. University of Alaska Fairbanks.
Notes: Dr. B. Neiland
112. Batten AR. The vascular floristics, major vegetation units, and phytogeography of the Lake Peters area, northeastern Alaska. 1977. University of Alaska Fairbanks.
Notes: Dr. Murray

113. Boise CM. Breeding biology of the lesser sandhill crane, *Grus canadensis canadensis* (L.), on the Yukon-Kuskokwim Delta, Alaska. 1977. University of Alaska Fairbanks.
Notes: Dr. Klein
114. Duffy LK. A comparison of the primary structure of hemoglobins from two microtine tribes, Microtini and Lemmini. 1977. University of Alaska Fairbanks.
Notes: Dr. Genaux
115. Eberhardt WL. The biology of arctic and red foxes on the North Slope. 1977. University of Alaska Fairbanks.
Notes: Dr. Lent
116. Ginzton LM. Accelerating germination of certain vegetable seeds in cold soils by pregermination treatment with polyethylene glycol. 1977. University of Alaska Fairbanks.
Notes: Dr. Dinkel
117. Mould ED. Movement patterns of moose in the Colville River area, Alaska. 1977. University of Alaska Fairbanks.
Notes: Drs. Coady, Klein
118. Senner SE. The ecology of western sandpipers and dunlins during spring migration through the Copper-Bering River Delta system, Alaska. 1977. University of Alaska Fairbanks.
Notes: Dr. Norton
119. Sigman MJ. The importance of the cow-calf bond to overwinter moose calf survival. 1977. University of Alaska Fairbanks.
Notes: Drs. Klein, Coady
120. Tracy DM. Reactions of wildlife to human activity along Mount McKinley National Park Road. 1977. University of Alaska Fairbanks.
Notes: Dr. Dean
121. Wood SS. Hair mineralization of the snowshoe hare (*Lepus americanus*) in interior Alaska. 1977. University of Alaska Fairbanks.
Notes: Dr. Guthrie
122. Clarke ME. Some aspects of the feeding biology of larval walleye pollock, *Theragra chalcogramma* (Pallas) in the southeastern Bering Sea. 1978. University of Alaska Fairbanks.
Notes: Dr. Cooney
123. Fox JL. Weather as a determinant factor in summer mountain goat activity and habitat use. 1978. University of Alaska Fairbanks.
Notes: Dr. Klein
124. Keiser GE. Reproduction, settlement, and growth of the blue mussel, *Mytilus edulis*, in the littoral zone of Port Valdez, Alaska. 1978. University of Alaska Fairbanks.
Notes: Dr. Feder
125. Kelly DG. Population density, territoriality, and foraging ecology of red squirrels (*Tamiasciurus hudsonicus*) in black and white spruce forests of interior Alaska. 1978. University of Alaska Fairbanks.
Notes: Dr. MacLean
126. Langman VA. Thermoregulation and behavior in giraffe (*Giraffa camelopardalis*). 1978. University of Alaska Fairbanks.
Notes: Dr. Dieterich

127. Lowe CM. Certain life history aspects of the red-tailed hawk in central Oklahoma and interior Alaska. 1978. University of Alaska Fairbanks.
Notes: Dr. Swartz
128. Sather PKJr. Temperature related characteristics of peripheral nerves of the pigeon (*Columba livia*) exposed to different thermal conditions. 1978. University of Alaska Fairbanks.
Notes: Dr. Miller
129. Pedersen S. Geographical variation in Alaskan wolves (*Canis lupus L.*). 1978. University of Alaska Fairbanks.
Notes: Dr. Gipson
130. Roby DD. Behavioral patterns of barren-ground caribou of the Central Arctic Herd adjacent to the Trans-Alaska oil pipeline. 1978. University of Alaska Fairbanks.
Notes: Dr. Klein
131. Tryon PR. Use of space by breeding Lapland longspurs (*Calcarius lapponicus*) in arctic Alaska. 1978. University of Alaska Fairbanks.
Notes: Dr. MacLean
132. Adams AE. The food habits, age, and growth of three midwater fishes (*Stenobranchius leocopsarus*, *Stenobranchius nannochir nannochir*, and *Leuroglossus schmidti*) from the southeastern Bering Sea. 1979. University of Alaska Fairbanks.
Notes: Dr. Cooney
133. Chihuly MB. Biology of the northern pike, *Esox lucius* Linnaeus, in the Wood River lakes system of Alaska, with emphasis on Lake Aleknagik. 1979. University of Alaska Fairbanks.
Notes: Dr. Morrow
134. Dawe JC. Cytotaxonomy and cytogeography of selected arctic and boreal Alaskan vascular plant taxa. 1979. University of Alaska Fairbanks.
Notes: Dr. Murray
135. Doerr J. Population analysis and modeling of the Western Arctic Caribou Herd with comparisons to other Alaskan *Rangifer* populations. 1979. University of Alaska Fairbanks.
Notes: Dr. Harbo
136. Haggstrom DA. The fall behavior of rock ptarmigan (*Lagopus mutus*) in interior Alaska. 1979. University of Alaska Fairbanks.
Notes: Dr. Weeden
137. Hatch SA. Breeding and population ecology of northern fulmars, *Fulmarus glacialis*, at Semidi Islands, Alaska. 1979. University of Alaska Fairbanks.
Notes: Dr. Mickelson
138. Hickman GR. Nesting ecology of bank swallows in interior Alaska. 1979. University of Alaska Fairbanks.
Notes: Dr. Mickelson
139. Jarrell GH. Chromosomes of the bowhead whale (*Balaena mysticetus* Linnaeus). 1979. University of Alaska Fairbanks.
Notes: Dr. Guthrie
140. Jarrell SD. Characteristics of lactate dehydrogenase and hexokinase from harbor seal (*Phoca vitulina richardsi*) and domestic dog (*Canis familiaris*) cerebrum. 1979. University of Alaska Fairbanks.
Notes: Dr. Behrisch

141. Kelly BP. Population ecological genetics of pelage polymorphism in Pacific harbor seals. 1979. University of Alaska Fairbanks.
Notes: Dr. Fay
142. Machida S. Differential use of willow species by moose in Alaska. 1979. University of Alaska Fairbanks.
Notes: Dr. Harbo
143. Quinlan S. Breeding ecology of storm-petrels at Wood Islands, Alaska. 1979. University of Alaska Fairbanks.
Notes: Dr. Mickelson
144. Shea JC. Social behavior of wintering caribou in northwestern Alaska. 1979. University of Alaska Fairbanks.
Notes: Dr. Klein
145. Wright JM. Reindeer grazing in relation to bird nesting on the northern Seward Peninsula. 1979. University of Alaska Fairbanks.
Notes: Dr. Klein
146. Cowling JE. Soil respiration in a black spruce taiga forest ecosystem. 1980. University of Alaska Fairbanks.
Notes: Dr. MacLean
147. Day RH. The occurrence and characteristics of plastic pollution in Alaska's marine birds. 1980. University of Alaska Fairbanks.
Notes: Dr. Kessel
148. Fine H. Ecology of arctic foxes at Prudhoe Bay, Alaska. 1980. University of Alaska Fairbanks.
Notes: Dr. Gipson
149. Furilla RA. Ecological and physiological correlates of tunnel nesting in the bank swallow, *Riparia riparia*, with reference to the cliff swallow, *Petrochelidon pyrrhonata*. 1980. University of Alaska Fairbanks.
Notes: Dr. West
150. Koban M. The effect of cold on norepinephrine turnover in tissues of seasonally acclimatized Alaskan redpolls. 1980. University of Alaska Fairbanks.
Notes: Dr. Feist
151. Lehnhausen WA. Nesting habitat relationships of four species of alcids at Fish Island, Alaska. 1980. University of Alaska Fairbanks.
Notes: Dr. Mickelson
152. Matkin CO. Marine mammal and fishery interactions on the Copper River Delta and in Prince William Sound, Alaska. 1980. University of Alaska Fairbanks.
Notes: Dr. Fay
153. Meehan RH. Behavioral significance of boreal owl vocalizations during the breeding season. 1980. University of Alaska Fairbanks.
Notes: Dr. West
154. Rose JR. Feeding habits of the arrowtooth flounder, *Atheresthes stomias*, from the northeast Gulf of Alaska. 1980. University of Alaska Fairbanks.
Notes: Dr. Smith
155. Smith JW. Breeding biology, feeding ecology, and migration of the common snipe *Capella gallinago delicata* (Ord) on the Copper River Delta, Alaska. 1980. University of Alaska.

Notes: Dr. Mickelson

156. Smullin DH. The regulation of enzyme activity in a hibernator: 6-phosphogluconate dehydrogenase from liver of the arctic ground squirrel. 1980. University of Alaska Fairbanks.
Notes: Dr. Behrisch
157. Thomas RH. Community structure in soil ascari along a latitudinal transect of tundra sites in northern Alaska. 1980. University of Alaska Fairbanks.
Notes: Dr. MacLean
158. Troy DM. A phenetic and karyotypic investigation of the systematics of the redpolls *Carduelis f. flammea* and *C. hornmanni exilipes*. 1980. University of Alaska Fairbanks.
Notes: Dr. Shields
159. Winters JF. Summer habitat and food utilization by Dall's sheep and their relation to body and horn size. 1980. University of Alaska Fairbanks.
Notes: Dr. Harbo
160. Bente PJ. Nesting behavior and hunting activity of the gyrfalcon in south central Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Swartz
161. Billington MM. Nitrogen fixation in a black spruce (*Picea mariana* [Mill.] B.S.P.) forest in interior Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Alexander
162. Boertje RD. Nutritional ecology of the Denali caribou herd. 1981. University of Alaska Fairbanks.
Notes: Dr. Klein
163. Campbell SD. Ontogeny of homeothermy in brown lemmings (*Lemmus sibiricus*). 1981. University of Alaska Fairbanks.
Notes: Dr. MacLean
164. Curby CH. Habitat selection and activity patterns of Dall sheep ewe groups in the Sheenjek River drainage, northeast Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Harbo
165. Grabacki ST. Effects of exploitation on the population dynamics of arctic grayling in the Chena River, Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Reynolds
166. Holmes RA. Angler effort, exploitation and values on the upper Chena River. 1981. University of Alaska Fairbanks.
Notes: Dr. Tack
167. Howe AL. Life histories and community structure of Ephemeroptera and Plecoptera in two Alaskan subarctic streams. 1981. University of Alaska Fairbanks.
Notes: Dr. Oswood
168. Jingfors KT. Habitat relationships and activity patterns of a reintroduced muskox population. 1981. University of Alaska Fairbanks.
Notes: Dr. Klein
169. Murphy SM. Habitat use by migrating and breeding shorebirds on the eastern Copper River Delta, Alaska. 1981. University of Alaska Fairbanks.

Notes: Dr. Mickelson

170. Oakley KL. Determinants of population size of pigeon guillemots *Cephus columba* at Naked Island, Prince William Sound, Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Kessel
171. Pengilly D. Variation in skull measurements of North American arctic foxes, *Alopex lagopus* L. and the taxonomic status of *A. l. hallensis* Merriam and *A. l. pribilofensis* Merriam. 1981. University of Alaska Fairbanks.
Notes: Dr. Gipson
172. Prowse DL. Effects of antler removal on rutting behavior of reindeer (*Rangifer tarandus*). 1981. University of Alaska Fairbanks.
Notes: Dr. Guthrie
173. Robus MA. Muskox habitat and use patterns in northeastern Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Klein
174. Seguin AC. Pacific eider breeding biology and habitat use on the Seward Peninsula, Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Mickelson
175. Shon LA. Wilderness use and perception of crowding on the Kenai canoe routes, Alaska. 1981. University of Alaska Fairbanks.
Notes: Dr. Klein
176. Stelmock JJ. Seasonal activities and habitat use patterns of brown bears in Denali National Park, 1980. 1981. University of Alaska Fairbanks.
Notes: Dr. Dean
177. Tankersley NG. Mineral lick use by moose in the central Alaska Range. 1981. University of Alaska Fairbanks.
Notes: Dr. Harbo
178. Miller LK. Mammalian peripheral nerve function as related to temperature. 1966. University of Alaska Fairbanks.
Notes: Dr. Irving
179. Genaux CT. The comparative amino acid composition of five hemoglobins from the genus *Microtus*. 1969. University of Alaska Fairbanks.
Notes: Dr. Morrison
180. Marshall H. Development of human adaptation to cold. 1969. University of Alaska Fairbanks.
Notes: Dr. Irving
181. Nauman LW. The primary structure of the myoglobins of six species of the order pinnipedia; a comparative study. 1971. University of Alaska Fairbanks.
Notes: Dr. Morrison
182. Baust JG. Influences of low temperature on cold hardiness and neural adaptation in the Alaskan beetle, *Pterostichus brevicornis* (Carabidae). 1970. University of Alaska Fairbanks.
Notes: Dr. Miller
183. Arvey WD. Glycerol metabolism and other biochemical features associated with overwintering in the adult insect *Pterostichus brevicornis* (Carabidae). 1974. University of Alaska Fairbanks.

Notes: Dr. Miller

184. Whitney PH. Population biology and energetics of three species of small mammals in the taiga of interior Alaska. 1973. University of Alaska Fairbanks.
Notes: Dr. West
185. Person SJ. Digestibility of indigenous plants utilized by *Rangifer tarandus*. 1975. University of Alaska Fairbanks.
Notes: Dr. Luick
186. Gasaway WC. Cecal function in ptarmigan. 1974. University of Alaska Fairbanks.
Notes: Dr. West
187. Norton DW. Ecological energetics of calidrine sandpipers breeding in northern Alaska. 1973. University of Alaska Fairbanks.
Notes: Dr. West
188. Shaughnessy PD. Biochemical identification of populations of the harbor seal, *Phoca vitulina*. 1974. University of Alaska Fairbanks.
Notes: Dr. Morrison
189. Burgess SM. The St. Lawrence Islanders of Northwest Cape: patterns of resource utilization. 1974. University of Alaska Fairbanks.
Notes: Dr. Irving
190. Rosenmann M. A comparative study of the metabolic response of small mammals to selected environmental factors: hypoxia, cold and visual disturbance. 1974. University of Alaska Fairbanks.
Notes: Dr. Morrison
191. Morehouse KA. Development, energetics and nutrition of captive pacific brant (*Branta bernicla orientalis*, Tougarinov). 1974. University of Alaska Fairbanks.
Notes: Dr. West
192. Byrne LC. Field testing the habitat evaluation procedures for Alaska. 1982. University of Alaska Fairbanks.
Notes: Drs. Gibson, Harbo
193. Gartner BL. Controls over regeneration of tundra graminoids in a natural and man-disturbed site in arctic Alaska. 1982. University of Alaska Fairbanks.
Notes: Dr. Chapin
194. Gebhard JG. Annual activities and behavior of a grizzly bear (*Ursus arctos*) family in northern Alaska. 1982. University of Alaska Fairbanks.
Notes: Dr. Guthrie
195. Hawkings JS. Migration and habitat relationships of geese on the eastern Copper River Delta, Alaska. 1982. University of Alaska Fairbanks.
Notes: Dr. Mickelson
196. Heebner DK. The numerical analysis of vegetation plots in Denali National Park and Preserve. 1982. University of Alaska Fairbanks.
Notes: Dr. Dean
197. Herter DR. Habitat use and harassment of sandhill cranes staging on the eastern Copper River Delta, Alaska. 1982. University of Alaska Fairbanks.
Notes: Dr. Mickelson

198. Home WS. Ecology of river otters (*Lutra canadensis*) in marine coastal environments. 1982. University of Alaska Fairbanks.
Notes: Dr. Fay
199. Huot J. Body condition and food resources of white-tailed deer on Anticosti Island, Quebec. 1982. University of Alaska Fairbanks.
Notes: Dr. Klein
200. Linkswiler C. Factors influencing behavior and sightability of moose in Denali National Park, Alaska. 1982. University of Alaska Fairbanks.
Notes: Dr. Klein
201. Moore JT. Factors affecting grazing patterns of reindeer on summer tundra ranges. 1982. University of Alaska Fairbanks.
Notes: Dr. White
202. Mule RS. An assessment of a wildlife habitat evaluation methodology for Alaska. 1982. University of Alaska Fairbanks.
Notes: Dr. Mickelson
203. Rose CL. Deer response to forest succession on Annette Island, southeast Alaska. 1982. University of Alaska Fairbanks.
Notes: Dr. Klein
204. Anderson BA. Habitat selection and habitat partitioning in four interior Alaska sparrows. 1983. University of Alaska Fairbanks.
Notes: Dr. Kessel
205. Blanchard JM. The turnover of 75-selenium-selenomethionine as an indicator of the status of protein metabolism in reindeer (*Rangifer tarandus*). 1983. University of Alaska Fairbanks.
Notes: Drs. Luick, White (acting chairman)
206. Brannon RD. Blood profile of grizzly bears in central and northern Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Harbo
207. Buskirk SW. The ecology of marten in southcentral Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Gipson
208. Buttimore CA. Microbial activity during leaf detritus processing in an Alaskan subarctic stream. 1983. University of Alaska Fairbanks.
Notes: Dr. Flanagan
209. Cowan CA. Phenology of benthic detritus input, storage and processing in an Alaskan subarctic stream. 1983. University of Alaska Fairbanks.
Notes: Dr. Oswood
210. Eck KC. Forest characteristics and associated deer forage production on Prince William Sound islands. 1983. University of Alaska Fairbanks.
Notes: Dr. Klein
211. Hoover AA. Behavior and ecology of harbor seals (*Phoca vitulina richardsi*) inhabiting glacial ice in Alialik Bay, Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Fay

212. James DD. Seasonal movements, summer food habits, and summer predation rates of wolves in northwest Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Gipson
213. Jennings TR. Survival, growth and food habits of young-of-the-year arctic grayling stocked in barren, sub-arctic lakes. 1983. University of Alaska Fairbanks.
Notes: Dr. LaPerriere
214. Knowles WO. An ethological analysis of the use of antlers as social organs by rutting bull moose (*Alces alces gigas* Miller). 1983. University of Alaska Fairbanks.
Notes: Dr. Guthrie
215. Larsen DN. Habitats, movements, and foods of river otters in coastal southeastern Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Gipson
216. Lawhead BE. Wolf den site characteristics in the Nelchina Basin, Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Klein
217. Lipkin R. Systematics of the arctic grass genus *Dupontia* R. Br. 1983. University of Alaska Fairbanks.
Notes: Dr. Murray
218. Martin PD. Bird use of arctic tundra habitats at Canning River Delta, Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. MacLean
219. McGuire AD. The breeding ecology of the red-winged blackbird (*Agelaius phoeniceus*) in eastern interior Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Murphy
220. Moitoret CS. Bird use of arctic coastal shorelines at Canning River Delta, Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Kessel
221. Van Alstine NE. The effects of disturbance on the distribution of biomass, nitrogen, and phosphorus in *Eriophorum vaginatum* L., an arctic sedge. 1983. University of Alaska Fairbanks.
Notes: Dr. Chapin
222. Van Nieuwenhuysse EE. The effects of placer mining on the primary productivity of interior Alaska streams. 1983. University of Alaska Fairbanks.
Notes: Dr. LaPerriere
223. Walker RJ. Growth of young-of-the-year salmonids in the Chena River, Alaska. 1983. University of Alaska Fairbanks.
Notes: Dr. Barber
224. Anderson PR. Seasonal changes of attached algae in two Alaskan subarctic streams. 1984. University of Alaska Fairbanks.
Notes: Dr. LaPerriere
225. Bryant JP. Chemical defense of boreal woody plants against vertebrate herbivores. 1984. University of Alaska Fairbanks.
Notes: Dr. Chapin

226. Burgess RM. Investigations of patterns of vegetation distribution and abundance of small mammals and nesting birds, and behavioral ecology of arctic foxes at Demarcation Bay, Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Follmann
227. Choate LA. A cytological description of *Eusimulium venum*, *E. x*, and the *E. pugetense* complex (Diptera: Simuliidae) in Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Shields
228. Clarke RG. The sharp-shinned hawk (*Accipiter striatus* Vieillot) in interior Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Swartz
229. Cooper BA. Seasonal bird use of alpine and subalpine habitats in the Upper Susitna River Basin, Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. MacLean
230. Duquette LS. Patterns of activity and their implications to the energy budget of migrating caribou. 1984. University of Alaska Fairbanks.
Notes: Dr. Klein
231. Durst JD. Small mammals in relation to natural revegetation of gold dredge tailings at Nyac, Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Harbo
232. Hobgood TW. Ecology of the red fox (*Vulpes vulpes*) in the Upper Susitna Basin, Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Gipson
233. Kuropat PJ. Foraging behavior of caribou on a calving ground in northwestern Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Klein
234. Lorenz WR. Evaluation of sampling gears for fish population assessment in Alaskan streams and rivers. 1984. University of Alaska Fairbanks.
Notes: Dr. Reynolds
235. Mecum RD. Habitat utilization by fishes in the Tanana River near Fairbanks, Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Reynolds
236. O'Connor RM. Population trends, age structure, and reproductive characteristics of female lynx in Alaska, 1961 through 1973. 1984. University of Alaska Fairbanks.
Notes: Dr. Harbo
237. Simmons RC. Effects of placer mining sedimentation on arctic grayling of interior Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Reynolds
238. Smith PA. Kenai black bears and cranberries: bear food habits and densities. 1984. University of Alaska Fairbanks.
Notes: Dr. Dean
239. Vining LJ. Limnology and the communities of benthic macroinvertebrates of some Alaskan subarctic lakes. 1984. University of Alaska Fairbanks.

Notes: Dr. Oswood

240. Wagener SM. Effects of placer gold mining on stream macroinvertebrates of interior Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. LaPerriere
241. Woolington JD. Habitat use and movements of river otters at Kelp Bay, Baranof Island, Alaska. 1984. University of Alaska Fairbanks.
Notes: Dr. Follmann
242. Ayres MP. The effect of seasonal changes in birch foliage on the growth-energetics of *Epirrita autumnata*, an eruptive geometrid. 1985. University of Alaska Fairbanks.
Notes: Dr. MacLean
243. Clark RA. Evaluation of sampling gears for fish population assessment in Alaskan lakes. 1985. University of Alaska Fairbanks.
Notes: Dr. Reynolds
244. Gardner CL. The ecology of wolverines in southcentral Alaska. 1985. University of Alaska Fairbanks.
Notes: Dr. Harbo
245. Hop H. Stock identification and homing of arctic grayling *Thymallus arcticus* (Pallas) in interior Alaska. 1985. University of Alaska Fairbanks.
Notes: Dr. Armstrong
246. Irons JGI. Life histories and community structure of the caddisflies (Trichoptera) of two Alaska subarctic streams. 1985. University of Alaska Fairbanks.
Notes: Dr. Oswood
247. Johnson CB. Use of coastal habitat by mink on Prince of Wales Island, Alaska. 1985. University of Alaska Fairbanks.
Notes: Dr. Harbo
248. Lee KM. Resource partitioning and behavioral interactions among young-of-the-year salmonids, Chena River, Alaska. 1985. University of Alaska Fairbanks.
Notes: Dr. Armstrong
249. Magoun AJ. Population characteristics, ecology, and management of wolverines in northwestern Alaska. 1985. University of Alaska Fairbanks.
Notes: Dr. Gipson
250. Rohleder RJ. Behavioral interactions and food preferences of snowshoe hares in winter. 1985. University of Alaska Fairbanks.
Notes: Dr. Murphy
251. Walker LR. The processes controlling primary succession on an Alaskan flood plain. 1985. University of Alaska Fairbanks.
Notes: Dr. Chapin
252. Zachel CR. Food habits, hunting activity, and post-fledging behavior of northern goshawks (*Accipiter gentilis*) in interior Alaska. 1985. University of Alaska Fairbanks.
Notes: Dr. Swartz
253. Babcock CA. Vegetation patterns and microtine rodent use of tundra habitats in northeastern Alaska. 1986. University of Alaska Fairbanks.

Notes: Dr. MacLean

254. Bue BG. Effects of gill net selectivity on sockeye salmon in the Egegik and Naknek-Kvichak districts, Bristol Bay, Alaska. 1986. University of Alaska Fairbanks.
Notes: Dr. Reynolds
255. Dau J. Distribution and behavior of barren-ground caribou in relation to weather and parasitic insects. 1986. University of Alaska Fairbanks.
Notes: Drs. Klein, Cameron
256. DeFoliart LS. Regulation of growth, nitrogen and phosphorus storage and carbon uptake in *Eriophorum vaginatum*, an arctic sedge. 1986. University of Alaska Fairbanks.
Notes: Dr. Chapin
257. Fancy SG. Daily energy budgets of caribou: a simulation approach. 1986. University of Alaska Fairbanks.
Notes: Dr. White
258. Fleischman CL. Genetic variation in muskoxen *Ovibos moschatus*. 1986. University of Alaska Fairbanks.
Notes: Dr. Klein
259. Holder RR. Effects of three incubation substrates on emergent fry of sockeye salmon (*Oncorhynchus nerka*). 1986. University of Alaska Fairbanks.
Notes: Dr. Barber
260. Phillips MK. Behavior and habitat use of grizzly bears in northeastern Alaska. 1986. University of Alaska Fairbanks.
Notes: Dr. Dean
261. Philo LM. Water metabolism of wolves in winter: effects of varying food intake and exercise. 1986. University of Alaska Fairbanks.
Notes: Dr. Dieterich
262. Sease JL. Historical status and population dynamics of the Pacific walrus. 1986. University of Alaska Fairbanks.
Notes: Dr. Fay
263. Shishido N. Seasonal distribution and winter habitat use by Sitka black-tailed deer in the Prince William Sound region, Alaska. 1986. University of Alaska Fairbanks.
Notes: Dr. Klein
264. Smullin DH. Temperature regulation: central neurology and the role of gamma-aminobutyric acid. 1986. University of Alaska Fairbanks.
Notes: Drs. Bligh, White
265. Tallas MG. Seasonal variation in serum 25-hydroxyvitamin D in healthy Fairbanks, Alaska residents: relation to diet and sunlight exposure. 1986. University of Alaska Fairbanks.
Notes: Drs. Feist, Bligh
266. Tallas PG. Diet-induced thermogenesis in a carnivore, the arctic fox, *Alopex lagopus*. 1986. University of Alaska Fairbanks.
Notes: Dr. White
267. Taylor EJ. Food habits and foraging ecology of oldsquaw ducks (*Clangula hyemalis* L.) on the arctic coastal plain of Alaska. 1986. University of Alaska Fairbanks.
Notes: Dr. Oswood

268. Brown BN. Community structure and longitudinal patterns of benthic invertebrates in a heavy-metal contaminated Alaska river system. 1987. University of Alaska Fairbanks.
Notes: Dr. Oswood
269. Darling LM. Grizzly bear nursery habitat in Denali National Park, Alaska. 1987. University of Alaska Fairbanks.
Notes: Dr. Dean
270. Floyd JP. Heart rate as an indicator of oxygen consumption during auditory and visual stimulation of caribou (*Rangifer tarandus*). 1987. University of Alaska Fairbanks.
Notes: Dr. White
271. Haugen HS. Den-site behavior, summer diet, and skull injuries of wolves in Alaska. 1987. University of Alaska Fairbanks.
Notes: Dr. Follmann
272. Heffernan TT. Height growth of *Larix laricina* ((du Roi) K. Koch). 1987. University of Alaska Fairbanks.
Notes: Dr. Packee
273. Hubbert ME. The effect of diet on energy partitioning in moose. 1987. University of Alaska Fairbanks.
Notes: Dr. White
274. Kelso S. Systematics and biogeography of the arctic and boreal species of *Primula*. 1987. University of Alaska Fairbanks.
Notes: Dr. Murray
275. Lewis JP. An evaluation of a census-related disturbance of Steller sea lions. 1987. University of Alaska Fairbanks.
Notes: Dr. Fay
276. Vernam DJ. Marten habitat use in the Bear Creek Burn, Alaska. 1987. University of Alaska Fairbanks.
Notes: Drs. Klein, Regelin
277. Warner SH. Human impacts on brown bears at Pack Creek, Admiralty Island, Alaska. 1987. University of Alaska Fairbanks.
Notes: Dr. Follmann
278. Berg EE. Plant dispersal in North America in the post-glacial period. 1988. University of Alaska Fairbanks.
Notes: Dr. Murray
279. Bond BJ. Microbial ecology of an Alaskan arctic tundra beaded stream. 1988. University of Alaska Fairbanks.
Notes: Dr. Oswood
280. Cargill SM. Establishment of native plants on disturbed sites in arctic Alaska. 1988. University of Alaska Fairbanks.
Notes: Dr. Chapin
281. Kafka DM. Use of beaver-influenced wetlands by waterfowl in Kanuti National Wildlife Refuge. 1988. University of Alaska Fairbanks.
Notes: Dr. Weeden
282. Noll JM. Home range, movement, and natal denning of river otters (*Lutra canadensis*) at Kelp Bay, Baranof Island, Alaska. 1988. University of Alaska Fairbanks.
Notes: Dr. Dean

283. Kesterson MB. Lynx home range and spatial organization in relation to population density and prey abundance. 1988. University of Alaska Fairbanks.
Notes: Dr. Weeden
284. O'Brien CM. Characterization of muskox habitat in northeastern Alaska. 1988. University of Alaska Fairbanks.
Notes: Dr. Klein
285. Sherburne JL. Nest site characteristics and reproductive performance of black-legged kittiwakes *Rissa tridactyla*. 1988. University of Alaska Fairbanks.
Notes: Dr. Murphy
286. Sturm EA. Description and identification of larval fishes in Alaskan freshwaters. 1988. University of Alaska Fairbanks.
Notes: Dr. Reynolds
287. Tobin SC. The nutritional basis of the oviposition behavior of *Dineura virididorsata*, a subarctic sawfly. 1988. University of Alaska Fairbanks.
Notes: Dr. MacLean
288. Bevins JS. Activity patterns of moose on the Kenai Peninsula, Alaska, as influenced by season and food availability. 1989. University of Alaska Fairbanks.
Notes: Dr. Klein
289. Delisa SM. Primary afferent projections in a diver, the muskrat. 1989. University of Alaska Fairbanks.
Notes: Dr. Ebbesson
290. Jarrell GH. Cytogenetics and sex determination in collared lemmings. 1989. University of Alaska Fairbanks.
Notes: Dr. Shields
291. McCarthy TM. Food habits of brown bears on northern Admiralty Island, Southeast Alaska. 1989. University of Alaska Fairbanks.
Notes: Dr. Dean
292. McGuire AD. The organization of flowering times of the insect-pollinated flora of south-facing bluffs in interior Alaska: evaluation of the reproductive-interference hypothesis. 1989. University of Alaska Fairbanks.
Notes: Dr. Armbruster
293. Morton JK. *Brucella suis* type 4 in foxes and their role as reservoirs/vectors among reindeer. 1989. University of Alaska Fairbanks.
Notes: Dr. Williamson
294. Parker CL. A natural history of vascular plant assemblages on block slopes and taluses, Alaska Range, Alaska. 1989. University of Alaska Fairbanks.
Notes: Dr. Murray
295. Stickney AA. The foraging behavior, habitat use, and diet of arctic foxes (*Alopex lagopus*) in a goose nesting area near Kokechik Bay, Alaska. 1989. University of Alaska Fairbanks.
Notes: Dr. Murphy
296. Viavant TR. Community structure, trophic relationships, and habitat ecology of the benthic macroinvertebrates in an Alaskan arctic tundra beaded stream. 1989. University of Alaska Fairbanks.
Notes: Dr. Oswood

297. Wesser SD. Controls over species distribution across a forest-steppe transition in interior Alaska: a correlative model and experimental tests. 1989. University of Alaska Fairbanks.
Notes: Dr. Armbruster
298. Cater TC. Effect of vegetation competition on tree seedling establishment and growth in an upland, post-fire succession in interior Alaska. 1990. University of Alaska Fairbanks.
Notes: Dr. Chapin
299. Cranor CL. An analysis of the use of space by red squirrels (*Tamiasciurus hudsonicus*). 1990. University of Alaska Fairbanks.
Notes: Dr. Dean
300. Feder S. Environmental determinants of seasonal coat color change in weasels (*Mustela erminea*) from two populations. 1990. University of Alaska Fairbanks.
Notes: Brian Barnes
301. Fleischman SJ. Lichen availability on the range of an expanding caribou (*Rangifer tarandus*) population in Alaska. 1990. University of Alaska Fairbanks.
Notes: Dr. Klein
302. Hare MP. Mitochondrial DNA variation in the polytypic Alaska song sparrow (*Melospiza melodia*). 1990. University of Alaska Fairbanks.
Notes: Dr. Shields
303. Kielland K. Processes controlling nitrogen release and turnover in arctic Alaska. 1990. University of Alaska Fairbanks.
Notes: Dr. Chapin
304. Nixon WAC. Group dynamics and behavior of the Porcupine Caribou Herd during the insect season. 1990. University of Alaska Fairbanks.
Notes: Dr. Klein
305. Pogson TH. Biology, distribution, abundance, and behavior of greater sandhill cranes, *Grus canadensis tabida*, wintering in California's Central Valley. 1990. University of Alaska Fairbanks.
Notes: Dr. Sedinger
306. Stafford RA. Allocation and modular demography of feltleaf willow following removal of different tissues. 1990. University of Alaska Fairbanks.
Notes: Dr. Fox
307. Tiplady BA. Effects of milk intake, growth, and suckling efficiency on suckling behavior of muskox (*Ovibos moschatus*) calves. 1990. University of Alaska Fairbanks.
Notes: Dr. White
308. Allaye-Chan AC. Physiological and ecological determinants of nutrient partitioning in caribou and reindeer. 1991. University of Alaska Fairbanks.
Notes: Dr. White
309. Burris FA. Diet and behavior of subarctic northern pintails in relation to nutritional requirements of breeding. 1991. University of Alaska Fairbanks.
Notes: Dr. Sedinger
310. Dragoo DE. Food habits and productivity of kittiwakes and murrelets at St. George Island, Alaska. 1991. University of Alaska Fairbanks.
Notes: Dr. Murphy

311. Eastland WG. Influence of weather on movements and migrations of caribou. 1991. University of Alaska Fairbanks.
Notes: Drs. Fancy, White
312. Guinn DA. Flower and habitat use by anthophilous insects in interior Alaska with special reference to solitary bees (Hymenoptera: Apoidea). 1991. University of Alaska Fairbanks.
Notes: Dr. Armbruster
313. Hughes NF. The behavioral ecology of arctic grayling distribution in interior Alaskan streams. 1991. University of Alaska Fairbanks.
Notes: Dr. Reynolds
314. Mann FE. Energetics and nutrient dynamics of northern pintail ducks breeding in the subarctic. 1991. University of Alaska Fairbanks.
Notes: Dr. Sedinger
315. McAvinchey RJP. Winter herbivory by snowshoe hares and moose as a process affecting primary succession on an Alaskan floodplain. 1991. University of Alaska Fairbanks.
Notes: Dr. Bryant
316. Nielsen CA. Pathophysiology of infections by the gastric trichostrongylid *Obeliscooides* in a rabbit model system. 1991. University of Alaska Fairbanks.
Notes: Drs. Dieterich, White
317. Quakenbush LT. Functional anatomy of phocid forelimbs in terrestrial and on-ice locomotion. 1991. University of Alaska Fairbanks.
Notes: Dr. Fay
318. Rachlow JL. Maternal investment and habitat selection by Dall's sheep. 1991. University of Alaska Fairbanks.
Notes: Dr. Bowyer
319. Ruggles AK. Habitat selection by common loons (*Gavia immer*) in the Matanuska-Susitna Valley, Alaska. 1991. University of Alaska Fairbanks.
Notes: Dr. Weeden
320. Schauer JH. Breeding neighbor synchrony and other site-related factors affecting breeding success of common murrelets (*Uria aalge*) at Bluff, Alaska. 1991. University of Alaska Fairbanks.
Notes: Dr. Murphy
321. Schmiechen AM. Restriction fragment and sequence analysis of mitochondrial DNA in native Alaskans. 1991. University of Alaska Fairbanks.
Notes: Dr. Shields
322. Biddlecomb ME. Comparative pattern of winter habitat use by muskoxen and caribou in northern Alaska. 1992. University of Alaska Fairbanks.
Notes: Dr. Klein
323. Bishop JA. The relationship between size and thermoregulatory capability in social and solitary bees in interior Alaska. 1992. University of Alaska Fairbanks.
Notes: Dr. Armbruster
324. Jacobs LL. Aquatic ecology of two subarctic lakes: Big Minto and Little Minto Lakes, Alaska. 1992. University of Alaska Fairbanks.
Notes: Dr. LaPerriere

325. Jandt RR. Modeling moose density using remotely sensed habitat variables. 1992. University of Alaska Fairbanks.
Notes: Dr. Dean
326. Lewis SW. Relationships between deer and vegetation on Coronation Island, southeastern Alaska. 1992. University of Alaska Fairbanks.
Notes: Dr. Klein
327. Matsuki M. Chemical defense of willows (*Salix* spp.) against insect herbivores in a floodplain succession in interior Alaska. 1992. University of Alaska Fairbanks.
Notes: Dr. MacLean
328. Miller JH. A spatial analysis of foraging behavior in breeding Lapland longspurs (*Calcarius lapponicus*). 1992. University of Alaska Fairbanks.
Notes: Dr. MacLean
329. Molvar EM. Risky foraging by Alaskan moose and its effects on ecosystem processes. 1992. University of Alaska Fairbanks.
Notes: Dr. Bowyer
330. Weixelman DA. Food quality, abundance, and diet selection by Alaskan moose during winter. 1992. University of Alaska Fairbanks.
Notes: Dr. Bowyer
331. Wilson KJ. Spatial scales of muskox resource selection in late winter. 1992. University of Alaska Fairbanks.
Notes: Dr. Klein
332. Bleich VC. Sexual segregation in desert-dwelling mountain sheep. 1993. University of Alaska Fairbanks.
Notes: Dr. Bowyer
333. Flint PL. Prefledging survival and reproductive strategies in black brant. 1993. University of Alaska Fairbanks.
Notes: Dr. Sedinger
334. Saperstein LB. Winter forage selection by barren-ground caribou: effects of fire and snow. 1993. University of Alaska Fairbanks.
Notes: Dr. Klein
335. Suter SM. The morphology and chemistry of two willow species in relation to moose winter browsing. 1993. University of Alaska Fairbanks.
Notes: Dr. Klein
336. Bevins JS. Detection and control of brucellosis in reindeer vaccinated with *Brucella suis* biovar 3. 1993. University of Alaska Fairbanks.
Notes: Drs. Bowyer, Dieterich
337. Reed MC. Growth in arctic ground squirrels and the influence of a cache on hibernation and reproductive maturation. 1993. University of Alaska Fairbanks.
Notes: Dr. Barnes
338. Lloyd AH. Ecology of a steppe-tundra ecotone in interior Alaska: modern dynamics and paleoecological interpretations. 1993. University of Alaska Fairbanks.
Notes: Drs. Edwards, Armbruster

339. Dale BW. Wolf-caribou relationships in a multiple ungulate prey ecosystem. 1993. University of Alaska Fairbanks.
Notes: Dr. Bowyer
340. Seppi BE. Use of wetlands by waterfowl broods in relation to habitat quality in the Lower Innoko River area, Alaska. 1993. University of Alaska Fairbanks.
Notes: Dr. Sedinger
341. Maier HA. Influence of photoperiod, temperature and winter acclimatization on Alaskan collared lemming (*Dicrostonyx groenlandicus rubricatus*) thermoregulation, growth and reproduction. 1991. University of Alaska Fairbanks.
Notes: Dr. Feist
342. Wedemeyer K. Effects of antimony mining on stream invertebrates and primary producers in Denali National Park, Alaska. 1987. University of Alaska Fairbanks.
Notes: Dr. Oswood
343. Mayo GO. Small mammal habitat preferences at Ogotoruk Creek Valley, northwestern Alaska. 1963. University of Alaska Fairbanks.
Notes: Dr. Kessel
344. Cameron RDI. Water metabolism by reindeer (*Rangifer tarandus*). 1972. University of Alaska Fairbanks.
Notes: Dr. Luick
345. Coady JW. Bioenergetics of the brown lemming (*Lemmus sibiricus*). 1975. University of Alaska Fairbanks.
Notes: Dr. West
346. Clein JS. Nitrogen turnover and availability during the transition from alder to poplar in the Alaskan taiga. 1994. University of Alaska Fairbanks.
Notes: Dr. Schimel
347. Durrall SK. Phylogenetic analysis of northern hair seals based on nucleotide sequences of the mitochondrial cytochrome *b* gene. 1993. University of Alaska Fairbanks.
Notes: Dr. Cook
348. Irons JGI. Latitudinal gradients in leaf litter decomposition in streams: effects of leaf chemistry and temperature. 1993. University of Alaska Fairbanks.
Notes: Dr. Oswood
349. Smith ME. Black bear denning ecology and habitat selection in interior Alaska. 1994. University of Alaska Fairbanks.
Notes: Drs. Follmann, Dean
350. Petrula MJ. Nesting ecology of ducks in interior Alaska. 1994. University of Alaska Fairbanks.
Notes: Dr. Sedinger
351. Fastie CL. Two centuries of primary succession at Glacier Bay, Alaska: a test of a classic glacial retreat chronosequence. 1994. University of Alaska Fairbanks.
Notes: Drs. Chapin, MacLean
352. Nicholson MC. Habitat selection by mule deer: effects of migration and population density. 1995. University of Alaska Fairbanks.
Notes: Dr. Bowyer
353. Groves P. The takin and muskox: a molecular and ecological evaluation of relationship. 1995. University of

Alaska Fairbanks.

Notes: Dr. White

354. Rossow LJ. Effects of above-ground browsing by mammals on mycorrhizal colonization in an early successional taiga ecosystem. 1995. University of Alaska Fairbanks.
Notes: Dr. Bryant
355. Wagener SM. Ecology of birch litter decomposition and forest floor processes in the Alaskan taiga. 1995. University of Alaska Fairbanks.
Notes: Drs. Schimel, Oswald
356. Boudreau TA. The role of topography in habitat selection by grizzly bears in the northcentral Alaska Range. 1995. University of Alaska Fairbanks.
Notes: Dr. Follmann
357. Suydam RS. Effects of experience on the breeding behavior of male and female black guillemots, *Cepphus grylle*, on Cooper Island, Alaska. 1995. University of Alaska Fairbanks.
Notes: Dr. Murphy
358. Curry TL. Effects of aircraft overflights on behavior and reproductive success of thick-billed murre (*Uria lomvia*) on St. George Island, Alaska. 1995. University of Alaska Fairbanks.
Notes: Dr. Murphy
359. Loy SD. Kittiwake use of Atka Lake and the new airstrip at St. George Island, Alaska. 1995. University of Alaska Fairbanks.
Notes: Dr. Murphy
360. Piorkowski RJ. Ecological effects of spawning salmon on several southcentral Alaskan streams. 1995. Fairbanks, University of Alaska Fairbanks.
Notes: Drs. Oswald, Schell
361. Furtch PR. Techniques for monitoring density and correlates of inter-annual variation for northern red-backed voles (*Clethrionomys rutilus*) in Denali National Park and Preserve, Alaska. 1995. Fairbanks, University of Alaska Fairbanks.
Notes: Dr. Rexstad
362. McIntyre CL. Nesting ecology of migratory golden eagles (*Aquila chrysaetos*) in Denali National Park, Alaska. 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Dean
363. Zuercher GL. Seasonal changes in body mass and composition of northern red-backed voles (*Clethrionomys rutilus*) in interior Alaska. 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Rexstad, Roby
364. Staples WRI. Lynx and coyote diet and habitat relationship during a low hare population on the Kenai Peninsula, Alaska. 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Dean
365. Selinger JS. Seasonal habitat relationships of adult female deer on Kodiak Island, Alaska. 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Klein
366. Post ES. Comparative foraging and social dynamics of caribou (*Rangifer tarandus*). 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Klein

367. Perham CJ. Home range, habitat selection, and movements of lynx (*Lynx canadensis*) in eastern interior Alaska. 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Follmann
368. Raygorodetsky G. Fledging of common murrelets *Uria aalge* at Bluff, Alaska: seasonal and daily synchrony. 1993. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Dr. Murphy
369. Kohira M. Diets and summer habitat use by wolves on Prince of Wales Island, Southeast Alaska. 1995. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Dr. Rexstad
370. Lance EW. Phylogeographic variation and the island syndrome in holarctic tundra voles (*Microtus oeconomus*). 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Cook
371. Lindberg MS. Demographic components of philopatry and nest-site fidelity of Pacific black brant. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
372. Mörschel FM. Effects of weather and parasitic insects on summer ecology of caribou of the Delta Herd. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Klein
373. Smith MD. Distribution, abundance, and quality of forage within the summer range of the Central Arctic Caribou Herd. 1996. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Klein, Cameron
374. Rock KR. Photoperiodically regulated morphological, physiological, and appetite changes in the dark-eyed junco, *Junco hyemalis*. 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Deviche
375. Cotter PA. Photoperiodism and the proximate controls of reproduction in the common redpoll (*Carduelis flammea*). 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Deviche
376. Amstrup SC. Movements, distribution, and population dynamics of polar bears in the Beaufort Sea. 1995. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Dean
377. Ben-David M. Seasonal diets of mink and martens: effects of spatial and temporal changes in resource abundance. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Klein
378. Berger M. Summer habitat relationships and foraging ecology of the Delta bison herd. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Klein
379. Gulledge J. Soil consumption of atmospheric methane: importance of microbial physiology and diversity. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Schimel, Boone
380. Hansen MC. Foraging ecology of female Dall's sheep in the Brooks Range, Alaska. 1996. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Klein

381. Lance BK. Diet and nestling growth of red-legged and black-legged kittiwakes: an interspecies cross-fostering experiment. 1996. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Roby, Murphy
382. Maier JAK. Ecological and physiological aspects of caribou activity and responses to aircraft overflights. 1996. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. White
383. Marquard-Petersen U. Food habits and helminths of arctic wolves in Greenland. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Follmann
384. Matsuoka SM. Habitat selection and reproductive ecology among Townsend's warblers (*Dendroica townsendi*) in southcentral Alaska. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Roby, Murphy
385. Nobmann EAD. Diet among Siberian Yup'iks of Alaska and the implications for cardiovascular disease. 1996. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Ebbesson, White
386. Parker DI. Forest ecology and distribution of bats in Alaska. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Cook
387. McLean BD. Yersiniosis as a mortality factor of muskoxen on Banks Island, NWT, Canada. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Blake
388. Mulder CPH. Plant-herbivore interactions on the Yukon-Kuskokwim Delta: the effect of goose herbivory on arrowgrass. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Ruess
389. Clarkson KE. Thermoregulation in the common raven (*Corvus corax*) from interior Alaska in winter. 1996. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Schamel
390. Eichholz MW. Body size, individual quality, and regulation of incubation in black brant. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
391. Hastings KK. Juvenile survival and maternal strategies of Weddell seals in McMurdo Sound, Antarctica. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Rexstad
392. Wilbor SL. Reproductive performance, nesting habitat, and prey of taiga merlins in Denali National Park and Preserve. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Follmann
393. Hander RF. Spawning substrate and adequate escapement for coho salmon in the Ayakulik River, Kodiak National Wildlife Refuge, Alaska. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Reynolds
394. Rowland EL. The recent history of treeline at the northwest limit of white spruce in Alaska. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Edwards

395. Foy RJ. Seasonal proximate composition and food source comparisons of Dolly Varden char in the Kugururok River, Alaska. 1996. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Reynolds
396. Tae KE. Processes controlling the range expansion of Sitka spruce on Kodiak Island, Alaska. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Mann, Edwards
397. Lenart EA. Climate and caribou: effects of summer weather on the Chisana caribou herd. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Boyer, Ruess
398. Ormseth OA. Seasonal regulation of body weight in the arctic ground squirrel (*Spermophilus parryii plesis*): a role for leptin. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Boyer, Barnes
399. Lindstrom JE. Microbial ecology and long-term persistence of crude oil in a taiga spruce forest. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Braddock
400. MacCluskie MC. Proximate and ultimate control of reproductive effort in northern shovelers (*Anas clypeata*) nesting at Minto Flats, Alaska. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
401. Wuttig KG. Successional changes in the hydrology, water quality, primary production, and growth of juvenile Arctic grayling of blocked Tanana River sloughs, Alaska. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. LaPerriere
402. Simonson JH. Genetic evidence for a Beringian bottleneck in northern Native Americans during the late pleistocene. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Shields
403. Williams MTS. The impact of aircraft activity on the behavior and productivity of northern fur seals (*Callorhinus ursinus*) on St. George Island, Alaska. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Murphy
404. Ericksen RP. Estimation of aging accuracy and precision growth, and sustained yield of coastal cutthroat trout in Southeast Alaska. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Quinn (Juneau campus)
405. Sharbaugh SM. Physiological adaptations for overwintering by the black-capped chickadee (*Parus atricapillus*) in interior Alaska. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Deviche
406. MacLean R. The effect of permafrost on the biogeochemistry of two subarctic streams. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Oswood, Irons
407. Larsen AS. Production of vascular aquatic plants in wetlands of Alaska: a comparative study. 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. LaPerriere
408. Edmundson JA. Growth patterns of juvenile sockeye salmon in different thermal environments of Alaskan lakes. 1997. Fairbanks, AK, University of Alaska Fairbanks.

Notes: Dr. LaPerriere

409. Smidt S. Spatial variation in the community structure of stream macroinvertebrates within a subarctic Alaskan watershed. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Oswood
410. Rogers DG. Bi-directional growth in *Dalechampia scandens*, its role in pollen competition and offspring fitness. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Armbruster
411. Olson K. An ultrastructural analysis of feltleaf willow (*Salix alaxensis*) responses to moose winter browsing. 1997. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Smiley
412. Gulledge CC. Neural control of singing in the dark-eyed junco (*Junco hyemalis*). 1997. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Deviche
413. Divoky GJ. Factors affecting growth of a black guillemot colony in northern Alaska. 1998. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Murphy
414. Oderkirk SE. Clinical pathology of intensively managed reindeer. 1998. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Blake
415. Kildaw SD. Population status and patterns of distribution and productivity of kittiwakes on St. George Island, Alaska. 1998. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Murphy
416. Ott JT. Parasitic helminths of muskoxen (*Ovibos moschatus*) from Banks Island, Northwest Territories, Canada. 1998. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Blake
417. Barten NL. Habitat use by parturient and nonparturient caribou of the Mentasta Caribou Herd. 1998. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Bowyer
418. Uliassi DD. The regulation of symbiotic nitrogen fixation by thinleaf alder in primary successional forests of the Tanana River floodplain. 1998. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Ruess
419. Simpson TD. Lake productivity indices as estimators of carrying capacity for burbot and northern pike in interior Alaska. 1998. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: D. LaPerriere
420. Lambert TM. Heterogeneity and bias in abundance estimates of outmigrating chinook salmon in the Chena River, Alaska. 1998. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Reynolds
421. Crain RD. Environmental influence on reproduction in two passerine birds, the dark-eyed junco and the white-winged crossbill. 1998. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Deviche
422. Walsh KJ. Habitat use by waterbirds in Potter Marsh, Anchorage, Alaska. 1998. Fairbanks, AK, University

of Alaska Fairbanks.

Notes: Dr. Schamel

423. Bouwens KA. Investigations into the early life history of arrowtooth flounder. 1998. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Smith, Dr. Paul
424. Keech MA. Life-history consequences of maternal condition in Alaskan moose. 1999. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Bowyer
425. Stark TC. Spawning stocks and juvenile summer habitat of rainbow trout and steelhead, Gulkana River, Alaska. 1999. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Reynolds
426. Dudley JP. Foraging ecology and conservation biology of African elephants: ecological and evolutionary perspectives on elephant-woody plant interactions in African landscapes. 1999. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Bryant
427. Tydingco TA. The effects of timber harvest practices on fish habitat in Kenai Peninsula streams. 1999. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Reynolds
428. Ihl C. Comparative habitat and diet selection of muskoxen and reindeer on the Seward Peninsula, western Alaska. 1999. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Klein
429. Mallek EJI. Plant architecture and forage selection by moose. 1999. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Spalinger and Klein
430. Pierce BM. Predator-prey dynamics between mountain lions and mule deer: effects on distribution, population regulation, habitat selection and prey selection. 1999. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Bowyer and Bleich
431. Johnson AK. Breeding bird density and species diversity in relation to primary productivity in the Tanana River floodplain. 1999. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Murphy, Bryant
432. Beckmen KB. Blood organochlorines, immune function and health of free-ranging northern fur seal pups (*Callorhinus ursinus*). 1999. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Blake
433. Demboski JR. Molecular systematics and biogeography of long-tailed shrews (Insectivora: *Sorex*) and northern flying squirrels (Rodentia: *Glaucomys*). 1999. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Cook
434. Svete PA. Secondary reproductive strategies in Pacific black brant (*Branta bernicla nigricans*). 1999. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
435. Whittle CL. Putative pheromones in the urine of male moose: evolution of honest advertisement? 1999. Fairbanks, AK, University of Alaska Fairbanks.

Notes: Dr. Bowyer

436. Albert DM. Grizzly bear - human interactions: effects of human activities and habitat selection by bears. 1999. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Bowyer
437. Oehler MWSr. Ecology of mountain sheep: effects of mining and precipitation. 1999. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Bowyer, Bleich
438. Lehmkühl KL. Population dynamics and ecology of yellow-cheeked voles (*Microtus xanthognathus*) in early post-fire seres in interior Alaska. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Rexstad
439. Morris WA. Seasonal movements of broad whitefish (*Coregonus nasus*) in the freshwater systems of the Prudhoe Bay oil field. 2000. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Drs. Reynolds, Follmann
440. Robertson MA. Maximizing qiviut growth in muskoxen. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Rowell, White
441. Brown RJ. Migratory patterns of Yukon River inconnu as determined with otolith microchemistry and radiotelemetry. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Reynolds
442. Dloniak SM. Neuroendocrine control of song in the dark-eyed junco (*Junco hyemalis*). 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Deviche
443. Lokvam J. Chemo-ecological and evolutionary aspects of the pollinator reward system in *Clusia grandiflora* (Clusiaceae). 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Braddock
444. Spellman GM. Molecular phylogenetics of the Bombycillidae and *Limosa* (Scolopacidae). 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Winker
445. Stone KD. Molecular evolution of martens (genus *Martes*). 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Cook
446. Weicker JJ. Aspects of genetic and morphological variation in selected New World land birds. 2000. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Winker
447. Benson A-M. Temporal patterns of migration, molt, and fat storage among high-latitude passerine migrants. 2000. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Winker
448. Bidlack AL. Phylogeography and population genetics of northern flying squirrels (*Glaucomys sabrinus*) in Southeast Alaska. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Cook
449. Danks FS. Potential muskox habitat in the National Petroleum Reserve-Alaska: a GIS analysis. 2000.

Fairbanks, AK, University of Alaska Fairbanks.

Notes: Dr. Klein

450. Seiser PE. Mechanisms of potential recovery of pigeon guillemots (*Cephus columba*) after the Exxon Valdez oil spill. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. McGuire
451. Moran CL. Spatial-temporal variation in reproduction and site fidelity of spectacled eiders on the Yukon-Kuskokwim Delta, Alaska. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
452. Schmutz JA. Survival and brood rearing ecology of Emperor Geese. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
453. Scanlon BP. The ecology of the arctic char and dolly varden in the Becharof Lake drainage, Alaska. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. LaPerriere, Reynolds
454. Wolfe SA. Habitat selection by calving caribou of the Central Arctic Herd, 1980-1995. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Cameron, Griffith
455. Silapaswan CS. Land cover change on the Seward Peninsula: the use of remote sensing to evaluate the potential influences of climate change on historical vegetation dynamics. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. McGuire
456. Estensen JL. Winter vertebrate browsing of birch: effects on the use of leaf litter leachates by stream microorganisms. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Braddock
457. Jorgensen JL. Phylogenetic relationships of the *Oxytropis campestris* and *Oxytropis arctica* complexes in Alaska inferred from non-coding nuclear DNA and RAPD data. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Schwaegerle
458. Joy PJ. Hepatitis B in arctic ground squirrels (*Spermophilus parryi*): epidemiology and population biology. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Blake
459. Zhang X. Modeling stand-level canopy maintenance respiration of black spruce ecosystems in Alaska: implications for spatial and temporal scaling. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. McGuire
460. Richmond SA. Natural attenuation of chlorinated solvents in subarctic ground water. 2001. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Braddock
461. Blundell GM. Social organization and spatial relationships in coastal river otters: assessing form and function of social groups, sex-biased dispersal, and gene flow. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Bowyer
462. Burch JW. Evaluation of wolf density estimation from radiotelemetry data. 2001. Fairbanks, Ak, University

of Alaska Fairbanks.
Notes: Dr. Follmann

463. Rombach EP. Trace mineral reserves for reproduction and development in muskoxen. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Barboza
464. Stimmelmayer R. Daily meal patterns, voluntary food intake and fattening of reindeer during winter and responses to insulin. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Drew, White
465. Zhuang Q. Modeling the influences of climate change, permafrost dynamics, and fire disturbance on carbon dynamics of high latitude ecosystems. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. McGuire
466. Eichholz MW. The implications of agriculture in Interior Alaska for population dynamics of Canada geese. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
467. O'Connell WT. Role of wetlands and endogenous factors on incubation behavior of nesting spectacled eiders on the Yukon-Kuskokwim Delta, Alaska. 2001. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Sedinger
468. Person BT. Herbivore-mediated effects on ecosystem processes in a near-arctic salt marsh. 2001. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Dr. Roger W. Ruess
469. Schamber JL. Cross-seasonal effects on reproductive performance of Pacific black brant. 2001. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Sedinger
470. Kelleyhouse RA. Calving ground selection and fidelity: Teshekpuk Lake and Western Arctic Caribou Herds. 2001. Fairbanks, Ak, University of Alaska Fairbanks.
Notes: Dr. Brad Griffith
471. Zacheis AB. Effects of migratory geese on plant communities and nitrogen dynamics in an Alaskan salt marsh. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Ruess
472. Doran K. Photosynthetic acclimation of white spruce (*Picea glauca*) to canopy microhabitats. 2000. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Dr. Ruess
473. Hundertmark KJ. Phylogeography of moose (*Alces alces*): genetic signatures of population history. 2002. Fairbanks, AK, University of Alaska Fairbanks.
Notes: Drs. Gerald Shields and R. Terry Bowyer
474. Johnstone J. Fire and successional trajectories in boreal forest: implications for response to a changing climate. 2003. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: F. Stuart Chapin III, chair
475. Lum JL. Effects of smolt length and emigration timing on marine survival and age at maturity of wild coho salmon (*Oncorhynchus kisutch*) at Auke Creek, Southeast Alaska. 2003. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Alaska Cooperative Fish and Wildlife Research Unit (AKCFWRU) student

476. Holliman FM . Assessment and prediction of electroshocked-induced injury in North American fishes. 2003. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: James B. Reynolds, Advisory Committee Chair
477. Sformo TL. Thermoregulating ability and minimum flight temperature in interior Alaska dragonflies (*Odonata: Anisoptera*). 2003. University of Alaska Fairbanks, University of Alaska Fairbanks.
Notes: Kent Schwaegerle, Sue Hills,
478. Johnson AB. Migrant stopover ecology and resident resilience after Hurricane Iris in a neotropical bird community. 2003. University of Alaska Fairbanks, University of Alaska Fairbanks.
Notes: Powell, Abby - advisory committee
479. DeWilde L. Human impacts to fire regime in interior Alaska. 2003. University of Alaska Fairbanks, University of Alaska Fairbanks.
Notes: Scott Rupp, David Berbyla, F.S. Stuart (Terry) Chapin III
480. Sowl KM. Timing of breeding and reproductive success in a subarctic population of yellow warblers (*Dendroica petechia*). 2003. University of Alaska Fairbanks, University of Alaska Fairbanks.
Notes: Recommended by: Abby Powell, Eric Rexstad
Advisory Chair: Edward Murphy
Chair Dept. BW: Edward Murphy
481. Schmidt JH. Duckling survival and incubation behaviors in common goldeneyes in Interior Alaska. 2004. University of Alaska Fairbanks.
Notes: Alaska Cooperative Fish and Wildlife Research Unit sponsored student
Committee: Eric Taylor, Abby Powell, Eric Rexstad
482. Mather D. Wintering strategies of an arctic-nesting goose: costs of migration and over-wintering for pacific black brant. 2005. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Perry S. Barboza, committee chair
483. Myers-Smith IH. Carbon exchange and permafrost collapse: Implications for a changing climate. 2005. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: A. David McGuire, committee chair
484. Loomis PF. Nitrogen cycling at treeline: Latitudinal and elevational patterns across the boreal landscape. 2005. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: signature unreadable, committee chair
485. Lyle SE. Soil nitrogen dynamics after fire in a boreal forest of Interior Alaska. 2005. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Richard Boone, committee chair
486. Kellie KA. Summer movements of female moose at high density. 2005. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Patricia Doak, committee chair
487. Conroy CJ. Molecular phylogenetics of arvicoline rodents. 1998. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: James Cooke, committee chair
488. Knoche MJ. King eiderwing molt: inferences from stable isotope analyses. 2004. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Abby Powell, committee chair

489. Stewart KM. Life-history patterns of North American elk: Effects of population density on resource partitioning, reproduction, and plant productivity. 2004. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: R. Terry Bowyer, committee chair
490. Buck CL. Physiological ecology of the arctic ground squirrel: Energy metabolism, torpor, and behavioral endocrinology. 1998. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Brian M. Barnes, committee chair
491. McDonough T. Response of northern red-backed vole (*Clethrionomys rutilus*) population to a major spruce beetle infestation in the Copper River Basin, Alaska. 2000. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Eric Rexstad, committee chair
492. Cerbrian MR. Effects of simulated climate change on the reproductive phenology of tussock cottongrass: Implications for growth and reproduction of reindeer on the Seward Peninsula, Alaska. 2005. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Knut Kielland, committee chair
493. Rozell KB. Foraging ecology of yellow-rumped warblers in an Alaskan boreal forest following a spruce beetle outbreak. 2004. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: Edward Murphy, committee chair
494. Thompson CC. Vegetation-climate interactions along a transition from tundra to boreal forest in Alaska. 2004. Fairbanks, Alaska, University of Alaska Fairbanks.
Notes: A. David McGuire, committee chair
495. Robinson MA. Linking local knowledge and fisheries science: The case with humpback whitefish (*Coregonus pidschian*) in Interior Alaska. 2005. University of Alaska Fairbanks, University of Alaska Fairbanks.
Notes: F. Stuart (Terry) Chapin, III, committee chair
496. Safine DE. Breeding ecology of white-winged scoters on the Yukon Flats, Alaska. 2005. University of Alaska Fairbanks.
497. Jones RR. Daily heterogeneity in habitat selection by the porcupine caribou herd during calving. 2005. University of Alaska Fairbanks.
Notes: Brad Griffith, committee chair
498. Lake BC. Factors affecting body mass of pre fledging emperor geese. 2005. University of Alaska Fairbanks.
Notes: Mark Lindberg, committee chair
499. Phillips LM. Migration ecology and distribution of king eiders. 2005. University of Alaska Fairbanks.
Notes: Abby Powell, committee chair
500. Shults BS. Abundance and ecology of martens (*Martes americana*) in Interior Alaska. 2001. University of Alaska Fairbanks.
Notes: Frederick Dean, committee chair; Eric Rexstad, committee co-chair
501. Reynolds PCE. Ecology of a reestablished population of muskoxen in northeastern Alaska. 1998. University of Alaska.
Notes: David R. Klein and Gerald Shields, committee co-chairs
502. Dehn L-A. Trophic relationships in an Arctic marine foodweb and implications for trace elements dynamics. 2005. University of Alaska Fairbanks.
Notes: Erich Follmann and Todd O'Hara, committee co-chairs

503. Petrone KC. Export of carbon, nitrogen and major solutes from a boreal forest watershed: The influence of fire and permafrost. 2005. University of Alaska Fairbanks.
Notes: Richard D. Boone and
504. Lisuzzo NJ. Physical controls of nitrogen supply in early successional riparian ecosystems along the Tanana River, Alaska. 2005. University of Alaska Fairbanks.
Notes: Advisory Committee Chair: Knut Kielland
505. Webb DD. Temporal and Spatial Distribution of Interior Alaska White-Fronted Geese (*Anser Albifrons Frontalis*) During Fall Migration and Winter Staging. 2006. University of Alaska Fairbanks.
Notes: Eric Rexstad, committee chair
506. Maley JM. A Morphological and Genetic Investigation of the Highest-Latitude Endemic Passerine: McKay's Bunting. 2006. University of Alaska Fairbanks.
507. Shaw DW. Migrant Bird Stopover Ecology and Resident Species Loss in a Fragmented Tropical Landscape, the Sierra De Los Tuxtlas Veracruz, Mexico. 2006. University of Alaska Fairbanks.
508. Walter KM. Methane Emissions from Lakes in Northeast Siberia and Alaska. 2006. University of Alaska Fairbanks.
Notes: Chapin III. F.S., committee chair
509. Talbot SL. Molecular Population Genetics and Systematics of Alaska Brown Bear (*Ursus Arctos L.*). 2006. University of Alaska Fairbanks.
Notes: Eric Follmann, committee co-chair and
510. Julie Anne Morse. Effects of Recreational Disturbance on Breeding Black Oystercatchers: Species Resilience and Conservation Implications.
511. Morse JA. Effects of recreational disturbance on breeding black oystercatchers: species resilience and conservation implications. 2005. University of Alaska Fairbanks.
Notes: Eric Rexstad
512. Eriksson HM . Snowshoe hare densities in post-fire vegetation. 2006. University of Alaska Fairbanks.
Notes: Knut Kielland
513. Betts EF. Permafrost and wildfire influence on stream nutrient dynamics and metabolism in boreal forest watersheds of interior Alaska. 2005. University of Alaska Fairbanks.
Notes: Stuart Chapin III
514. Morse JA. Effects of recreational disturbance on breeding black oystercatchers: species resilience and conservation implications. 2005. University of Alaska Fairbanks.
Notes: Eric Rexstad
515. Fresco N. Carbon Sequestration in Alaska's Boreal Forest: Planning for Resilience in a Changing Landscape. 2006. University of Alaska Fairbanks.
516. Pogson TH. Distribution, abundance, and behavior of greater sandhill cranes, *Grus canadensis tabida*, wintering in California's central valley. 1990. University of Alaska Fairbanks.
517. Rattenburg KL. Reindeer herding, weather and environmental change on the Seward Peninsula. 2006. University of Alaska Fairbanks.
518. Belant JL. Resource partitioning by sympatric brown and American black bears. 2006. University of Alaska Fairbanks.

519. Cliverd HM. Surface-Subsurface Hydrologic Exchange and Nutrient Dynamics in the Hyporheic Zone of the Tanana River. 2007. University of Alaska Fairbanks.
520. Ferry AK. Phylogenetic and Phylogeographic Insights into the Origin of Madagascar's Schrews. 2007. University of Alaska Fairbanks.
521. Fieldman DM . The Role of Serotonergic (5-HT) Neromodulation in Respiratory Chemosensitivity. 2007. University of Alaska Fairbanks.
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