

Canada lynx (*Lynx canadensis*)

Reference List

1. Anderson E. M. & Lovallo M. J. 2003. Bobcats and lynx. In Wild mammals of North America: biology, management, and conservation. Feldhamer G. A., Thompson B. C. & Chapman J .A., (Eds). Johns Hopkins University Press, Baltimore, pp. 758-786.
2. Ardit R. 1979. Relation of the Canadian lynx cycle to a combination of weather variables: a stepwise multiple regression analysis. *Oecologia* 41, 219-233.
3. Bailey T. N., Bangs E. E., Portner M. R., Malloy J. C. & McAvinchey R. J. 1986. An apparent overexploited lynx population on the Kenai Peninsula, Alaska. *J. Wildl. Manage* 50, 279-290.
4. Banfield A. W. 1974. The mammals of Canada. Univ. Toronto Press, Toronto.
5. Barash D. P. 1971. Cooperative hunting in the lynx. *J. Mammal* 52, 480.
6. Bayne E. M., Boutin S. & Moses R. A. 2008. Ecological factors influencing the spatial pattern of Canada lynx relative to its southern range in Alberta, Canada. *Can. J. Zool.* 86, 1189-1197.
7. Bergerud A. 1983. Prey switching in a simple ecosystem. *Sci. Am.* 249 (6), 130-141.
8. Berrie P. 1973. Ecology and status of the lynx in interior Alaska. In. The world's cats, Vol. 1: ecology and conservation. Eaton R. L. (Ed.). World Wildlife Safari, Winston, Oregon, pp. 4-41.
9. Biek R., Zarnke R. L., Gillan C., Wild M., Squires J. R. & Poss M. 2002. Serological survey for viral and bacterial infections in western populations of Canada lynx (*Lynx canadensis*). *J. Wildl. Diseases* 38, 840-845.
10. Blasius B., Huppert A. & Stone L. 1999. Complex dynamics and phase synchronization in spatially extended ecological systems. *Nature* 399, 354-359.
11. Boutin S., Krebs C. J., Boonstra R., Dale M.R.T., Hannon S.J., Martin K., Sinclair A.R.E., Smith J. N. M., Turkington R., Blower M., Byrom A., Doyle F. I., Doyle C., Hik D., Hofer L., Hubbs A., Karels T., Murray D. L., Nams V., O'Donoghue M., Rohner C. & Schweiger S. 1995. Population changes of the vertebrate community during a snowshoe hare cycle in Canada's boreal forest. *Oikos* 74, 69-80.
12. Boutin S., Krebs C. J., Sinclair A. R. E. & Smith J. N. M. 1986. Proximate causes of losses in a snowshoe hare population. *Can. J. Zool.* 64, 606-610.
13. Brand C. J. & Keith L. B. 1979. Lynx demography during a snowshoe hare decline in Alberta. *J. Wildl. Manage.* 43, 827-849.
14. Brand C. J., Keith L. B. & Fischer C. A. 1976. Lynx responses to changing snowshoe hare densities in central Alberta. *J. Wildl. Manage.* 40, 416-428.
15. Breitenmoser U., Breitenmoser-Würsten C., Zuleta G.A., Bernhart F. & O'Donoghue M. 1992. A method to estimate travel distances of fast-moving animals. *Biotelemetry* 7, 318-326.
16. Breitenmoser U., Slough B.G. & Breitenmoser-Würsten C. 1993. Predators of cyclic prey: is the Canada lynx victim or profiteer of the snowshoe hare cycle? *Oikos* 66, 551-554.
17. Bulmer M. G. 1974. A statistical analysis of the 10-year cycle in Canada. *J. Anim. Ecol.* 43, 701-718.
18. Bunnell K. D., Flinders J. T. & Wolfe M. L. 2010. Potential impacts of coyotes and snowmobiles on lynx conservation in the intermountain west. *Wildl. Soc. Bull.* 34, 828-838.
19. Burdett C. L., Moen R. A., Niemi G. J. & Mech L. D. 2007. Defining space use and movements of Canada lynx with global positioning system telemetry. *J. Mammal.* 88, 457-467.
20. Bursey C. C. & Burt M. D. B. 1970. *Taenia macrocystis* (Diesing, 1850), its occurrence in eastern Canada and Maine, U.S.A., and its life cycle in wild felines (*Lynx rufus* and *L. canadensis*) and hares (*Lepus americanus*). *Can. J. Zool.* 48, 1287-1293.
21. Butler L. 1942. Fur cycles and conservation. *Trans. North Am. Wildl. Conf.* 7, 463-472.
22. Campbell V. & Strobeck C. 2006. Fine-scale genetic structure and dispersal in Canada lynx (*Lynx canadensis*) within Alberta, Canada. *Can. J. Zool.* 84, 1112-1119.

23. Carbyn L. N. & Patriquin D. 1983. Observations on home range sizes, movements, and social organization of lynx, *Lynx canadensis*, in Riding Mountain National Park, Manitoba. Can. Field Nat. 97, 262-267.
24. Carroll C. 2007. Interacting effects of climate change, landscape conversion, and harvest on carnivore populations at the range margin: marten and lynx in the northern Appalachians. Cons. Biol. 21, 1092-1104.
25. Chubb T. E. & Phillips F. R. 1993. An apparent longevity record for Canada lynx, *Lynx canadensis*, in Labrador. Can. Field-Nat. 107, 367-368.
26. Devineau O., Shenk T. M., Doherty P. F., White G. C. & Kahn R. H. 2011. Assessing release protocols for Canada lynx reintroduction in Colorado. J. Wildl. Manage. 75, 623-30.
27. Devineau O., Shenk T. M., White G. C., Doherty P. F., Lukacs M. & Kahn R. H. 2010. Evaluating the Canada lynx reintroduction programme in Colorado: patterns in mortality. J. Appl. Ecol. 47, 524-531.
28. De Vos A. & Matel S. E. 1952. The status of lynx in Canada, 1929-1952. J. Forestry 50, 742-745.
29. Elsey C. A. 1954. A case of cannibalism in Canada lynx (*Lynx canadensis*). J. Mammal. 35, 129.
30. Elton C. & Nicholson M. 1942. The ten-year cycle in numbers of the lynx in Canada. J. Anim. Ecol. 11, 215-244.
31. Fanson K., Wielebnowski N. & Lucas J. 2009. Reproductive physiology of Canada lynx (*Lynx canadensis*) (Fisiología reproductiva del lince canadiense (*Lynx canadensis*)). In Iberian Lynx Ex Situ Conservation: An Interdisciplinary Approach (Conservación Ex Situ del Lince Ibérico: Un Enfoque Multidisciplinar). Vargas A., Breitenmoser-Würsten C. & Breitenmoser U. (Eds). Madrid: Fundación Biodiversidad in collaboration with: IUCN Cat Specialist Group, pp. 391-398
32. Fanson K. V., Wielebnowski N. C., Shenk T. M., Jakubas W. J., Squires J. R. & Lucas J. R. 2010. Patterns of testicular activity in captive and wild Canada lynx (*Lynx canadensis*). Gen. Comp. Endocrin. 169, 210-216.
33. Fanson K. V., Wielebnowski N. C., Shenk T. M. & Lucas J. R. 2012. Comparative patterns of adrenal activity in captive and wild Canada lynx (*Lynx canadensis*). J. Comp. Physiol. B 182, 157-165.
34. Fanson K. V., Wielebnowski N. C., Shenk T. M., Vashon J. H., Squires J. R. & Lucas J. R. 2010. Patterns of ovarian and luteal activity in captive and wild Canada lynx (*Lynx canadensis*). Gen. Comp. Endocrin. 169, 217-224.
35. Finerty J. P. 1979. Cycles in Canadian lynx. Am. Nat. 114, 453-455.
36. Forest T. W., Abou-Madi N., Summers B. A., Tornquist S. J. & Cooper B. J. 2000. Sarcocystis neurona-like encephalitis in a Canada lynx (*Felis lynx canadensis*). J. Zoo Wildl. Medicine 31, 383-387.
37. Fox J. F. 1978. Forest fires and the snowshoe hare-Canada lynx cycle. Oecologia 31, 349-374.
38. Frey J. K. 2006. Inferring species distribution in the absence of occurrence records: an example considering wolverine (*Gulo gulo*) and Canada lynx (*Lynx canadensis*) in New Mexico. Biol. Cons. 130, 16-24.
39. Fuller A. K. 2004. Canada lynx predation on white-tailed deer. Northeastern Nat. 11, 395-398.
40. Fuller A. K. & Harrison D. J. 2010. Movement paths reveal scale-dependent habitat decisions by Canada lynx. J. Mammal. 91, 1269-1279.
41. Fuller A. K., Harrison D. J. & Vashon J. H. 2007. Winter habitat selection by Canada lynx in Maine: prey abundance or accessibility? J. Wildl. Manage. 71, 1980-1986.
42. Gamarra J. G. P. & Solé R. V. 2000. Bifurcations and chaos in ecology: lynx returns revisited. Ecol. Letters 3, 114-121.
43. Gilpin M. E. 1973. Do hares eat lynx? Amer. Nat. 107, 727-730.

44. Govt. of Canada. 1988. Status of the lynx (*Lynx canadensis*) in Canada. Unpubl. revised status report (update of 1983 CITES proposal) for the Committee on International Trade in Endangered Species.
45. Gunderson H. L. 1978. A mid-continent irruption of Canada lynx, 1962-63. Prairie Nat. 10, 71-80.
46. Hanski I., Hansson L. & Henttonen H. 1991. Specialist predators, generalist predators, and the microtine rodent cycle. J. Anim. Ecol. 11, 215-244.
47. Homyack J. A., Vashon J. H., Libby C., Lindquist E.L., Loch S., McAlpine D. F. & Pilgrim K. 2008. Canada lynx–bobcat (*Lynx canadensis* x *L. rufus*) hybrids at the southern periphery of lynx range in Maine, Minnesota and New Brunswick. Am. Midl. Nat. 159, 504-508.
48. Hone J., Krebs C. J. & O'Donoghue M. 2011. Is there a relationship between predator and prey abundances related to climate for lynx and snowshoe hares? Wildl. Research 419-425.
49. Hone J., Krebs C., O'Donoghue M. & Boutin S. 2007. Evaluation of predator numerical responses. Wildl. Research 34, 335-341.
50. Hoving C. L., Harrison D. J., Krohn W. B., Jakubas W. J. & McCullough M. A. 2004. Canada lynx *Lynx canadensis* habitat and forest succession in northern Maine, USA. Wildl. Biol. 10, 285-294.
51. Hoving C. L., Harrison D. J., Krohn W. B., Joseph R. A. & O'Brien M. 2005. Broad-scale predictors of Canada lynx occurrence in eastern North America. J. Wildl. Manage. 69, 739-751.
52. Hoving C. L., Joseph R. A. & Krohn W. B. 2003. Recent and historical distributions of Canada lynx in Maine and the northeast. Northeastern Nat. 10, 363-382.
53. International Fur Trade Federation (IFTF). 1989. Key facts about furs. Holte, Denmark.
54. Johnson W. E., Eizirik E., Pecon-Slattery J., Murphy W. J., Antunes A., Teeling E. & O'Brien S.J. 2006. The late Miocene radiation of modern Felidae: a genetic assessment. Science 311, 73-77.
55. Keim J. L., DeWitt P. D. & Lele S. R. 2011. Predators choose prey over prey habitats: evidence from a lynx-hare system. Ecol. Appl. 21, 1011-1016.
56. Keith L. B. 1963. Wildlife's ten year cycle. Univ. of Wisconsin Press, Madison.
57. Keith L. B. 1974. Some features of population dynamics in mammals. Proc. Internat. Congress of Game Biologists 11, 17-58.
58. Keith L. B., Carey J. R., Rongstad O. J. & Brittingham M. C. 1984. Demography and ecology of a declining snowshoe hare population. Wildl. Monogr. 90, 43 pp.
59. Keith L. B., Todd A. W., Brand C. J., Adamcik R. S. & Rusch D. H. 1977. An analysis of predation during a cyclic fluctuation of snowshoe hares. Proc. Internat. Congress of Game Biologists 13, 151-175.
60. Kesterson M. B. 1988. Lynx home range and spatial organization in relation to population density and prey abundance. M.S. thesis, Univ. of Alaska, Fairbanks.
61. Kitchener A. C. 1991. The natural history of the wild cats. Christopher Helm, London.
62. Kitchener A. C., Breitenmoser-Würsten Ch., Eizirik E., Gentry A., Werdelin L., Wilritng A., Yamaguchi N., Bramov A. V., Christiansen P., DriscollC., Duckworth J. W., Johnson W., Luo S.-J., Meijaard E., O'Donoghue P., Sanderson J., Seymour K., Bruford M., Groves C., Hoffmann M., Nowell K., Timmons Z. & Tobe S. 2017. A revised taxonomy of the Felidae. The final report of the Cat Classificaiton Task Force of the IUCN Cat Specialist Group. Cat News Special Issue 11, 80 pp.
63. Koehler G. M. 1990. Population and habitat characteristics of lynx and snowshoe hares in north central Washington. Can. J. Zool. 68, 845-851.
64. Koehler G. M. & Brittell J. D. 1990. Managing spruce-fir habitat for lynx and snowshoe hares. J. Forestry 88(10),10-14.

65. Koehler G. M., Maletzke B. T., Von Kienast J. A., Aubry K. B., Wielgus R. B. & Naney R. H. 2008. Habitat fragmentation and the persistence of lynx populations in Washington State. *J. Wildl. Manage.* 72, 1518-1524.
66. Koen E. L., Bowman J., Murray D. L. & Wilson P. J. 2014. Climate change reduces genetic diversity of Canada lynx at the trailing range edge. *Ecography* doi: 10.1111/j.1600-0587.2013.00629x.
67. Kolbe J. A. & Squires J. R. 2006. A longevity record for Canada lynx, *Lynx canadensis*, in western Montana. *Western North Am. Nat.* 66, 535-536.
68. Kolbe J. A. & Squires J. R. 2007. Circadian activity patterns of Canada lynx in western Montana. *J. Wildl. Manage.* 71, 1607-1611.
69. Kolbe J. A., Squires J. R., Pletscher D. H. & Ruggiero L. F. 2007. The effect of snowmobile trails on coyote movements within lynx home ranges. *J. Wildl. Manage.* 71, 1409-1418.
70. Krebs C. J., Boutin S. & Boonstra R. (Eds) 2001. Ecosystem dynamics of the boreal forest: the Kluane Project. Oxford University Press, Oxford.
71. Krebs C. J., Boutin S., Boonstra R., Sinclair A. R. E., Smith J. N. M., Dale M. R. T., Martin K. & Turkington R. 1995. Impact of food and predation on the snowshoe hare cycle. *Science* 269, 1112-1115.
72. Krebs C. J., Gilbert B. S., Boutin S., Sinclair A. R. E. & Smith J. N. M. 1986. Population biology of snowshoe hares. I. Demography of food-supplemented populations in the southern Yukon, 1976-1984. *J. Anim. Ecol.* 55, 963-982.
73. Krebs C. J., Boonstra R., Boutin S., Dale M., Hannon S., Martin K., Sinclair A. R. E., Smith J. N. M. & Turkington R. 1992. What drives the snowshoe hare cycle in Canada's Yukon? In *Wildlife 2001: Populations*. McCullough D. R. & Barrett R. H. (Eds). Elsevier, New York. pp. 886-896.
74. Kurtén B. & Rausch R. 1959. Biometric comparisons between North American and European mammals. *Acta. Arct.* 11, 21-44.
75. Labelle P., Dubey J.P., Mikaelian I., Blanchette N., Lafond R., St-Onge S. & Martineau D. 2001. Seroprevalence of antibodies to *Toxoplasma gondii* in lynx (*Lynx canadensis*) and bobcats (*Lynx rufus*) from Quebec, Canada. *J. Parasitol.* 87, 1194-1196.
76. Linden D. W., Campa H., Roloff D. E., Beyer D. E. & Millenbah K. F. 2011. Modelling habitat potential for Canada lynx in Michigan. *Wildl. Soc. Bull.* 35, 20-26.
77. Major A. T. 1989. Lynx *Lynx canadensis canadensis* (Kerr) predation patterns and habitat use in the Yukon Territory, Canada. M.S. thesis, State University of New York, Syracuse.
78. Maletzke B. T., Koehler G. M., Wielgus R. B., Aubry K. B. & Evans M. A. 2008. Habitat conditions associated with lynx hunting behavior during winter in northern Washington. *J. Wildl. Manage.* 72, 1473-1478.
79. Mallory F. E. 1987. Impact of prey on furbearer predators. In M. Novak, J. Baker, M. Obbard and B. Malloch eds. *Wild furbearer management and conservation in North America*. Ontario Ministry of Natural Resources, Toronto, Ontario, pp.141-150.
80. McCann N. P. & Moen R. A. 2011. Mapping potential cores areas for lynx (*Lynx canadensis*) using pellet counts from snowshoe hares (*Lepus americanus*) and satellite imagery. *Can. J. Zool.* 89, 509-516.
81. McKelvey K. S., Von Kienast J., Aubry K. B., Koehler G. M., Maletzke B. T., Squires J. R., Lindquist E. L., Loch S. & Schwartz M. K. 2006. DNA analysis of hair and scat collected along snow tracks to document the presence of Canada lynx. *Wildl. Soc. Bull.* 34, 451-455.
82. Mech L. D. 1977. Record movement of a Canadian lynx. *J. Mammal.* 58, 676-677.
83. Mech L. 1980. Age, sex, reproduction, and spatial organization of lynxes colonizing northeastern Minnesota. *J. Mammal.* 61, 261-267.
84. Mills L. S., Pilgrim K. L., Schwartz M. K. & McKelvey K. S. 2000. Identifying lynx and other North American felids based on mtDNA analysis. *Cons. Genetics* 1, 285-288.
85. Moen R. A., Burdett C. L. & Niemi G. J. 2008. Movement and habitat use of Canada lynx during denning in Minnesota. *J. Wildl. Manage.* 72, 1507-1513.

86. Moen R., Rasmussen J. M., Burdett C. L. & Pelican K. M. 2010. Hematology, serum chemistry, and body mass of free-ranging and captive Canada lynx in Minnesota. *Journal of Wildlife Diseases* 46, 13-22.
87. Mowat G., Boutin S. & Slough B. G. 1996. Using placental scars to estimate litter size and pregnancy rate in lynx. *Journal of Wildlife Management* 60, 430-440.
88. Mowat G. and Slough B.G. 1998. Some observations on the natural history and behaviour of the Canada lynx, *Lynx canadensis*. *Can. Field-Nat.* 112, 32-36.
89. Mowat G. & Slough, B. 2003. Habitat preference of Canada lynx through a cycle in snowshoe hare abundance. *Can. J. Zool.* 81, 1736-1745.
90. Mowat G., Slough B. G. & Boutin S. 1996. Lynx recruitment during a snowshoe hare population peak and decline in southwest Yukon. *J. Wildl. Manage.* 60, 441-452.
91. Murray D. L. & Boutin S. 1991. The influence of snow on lynx and coyote movements: does morphology affect behavior? *Oecologia* 88, 463-469.
92. Murray D. L., Boutin S. & O'Donoghue M. 1994. Winter habitat selection by lynx and coyotes in relation to snowshoe hare abundance. *Can. J. Zool.* 72, 1444-1451.
93. Murray D. L., Boutin, S., O'Donoghue, M. & Nams V. O. 1995. Hunting behaviour of a sympatric felid and canid in relation to vegetative cover. *Animal Behaviour* 50, 1203-1210.
94. Murray D. L., Steury T. D. & Roth J. D. 2008. Assessment of Canada lynx research and assessment needs in the southern range: another kick at the cat. *J. Wildl. Manage.* 72:1463-1472.
95. Nava, J. A. 1970. The reproductive biology of the Alaska lynx. M.S. thesis, Univ. Alaska, Fairbanks.
96. Nellis C. H. & Keith L. B. 1968. Hunting activities and success of lynxes in Alberta. *J. Wildl. Manage.* 32:718-722.
97. Nellis C. H. & Wetmore S. P. 1969. Long-range movement of lynx in Alberta. *J. Mammal.* 50:640.
98. Nellis C. H., Wetmore S. P. & Keith L. B. 1972. Lynx-prey interactions in central Alberta. *J. Wildl. Manage* 36, 320-329.
99. Noiseux F. & Doucet G. J. 1987. [Study of the Canadian lynx population in the Laurentides Faunal Reserve, Quebec.] Unpubl. report, Quebec Ministère du Loisir, de la Chasse, et de la Peche, Montreal (in French).
100. Nowell K. 2008. *Lynx canadensis*. In IUCN 2012. IUCN Red List of Threatened Species. Version 2012.2. Last accessed 19.February 2013.
101. O'Connor R. M. 1984. Population trends, age structure, and reproductive characteristics of female lynx in Alaska, 1961 through 1973. M.S. thesis, Univ. of Alaska, Fairbanks.
102. O'Donoghue M., Boutin, S., Krebs, C. J. & Hofer E. J. 1997. Numerical responses of coyotes and lynx to the snowshoe hare cycle. *Oikos* 80:150-162.
103. O'Donoghue M., Boutin S., Krebs C. J., Murray D. L. & Hofer E. J. 1998. Behavioural responses of coyotes and lynx to the snowshoe hare cycle. *Oikos* 82, 169-183.
104. O'Donoghue M., Boutin S., Krebs C. J., Zuleta G., Murray D. L. & Hofer E. J. 1998. Functional responses of coyotes and lynx to the snowshoe hare cycle. *Ecology* 79, 1193-1208.
105. O'Donoghue M., Hofer E. & Doyle F. I. 1995. Predator versus predator. *Natural History* 104(3), 6-9.
106. O'Donoghue M., Slough B., Poole K., Boutin S., Hofer E.J., Mowat G. & Krebs C. J. 2010. Cyclical dynamics and behaviour of Canada lynx in northern Canada. In *Biology and Conservation of Wild Felids*. MacDonald D.W. & Loveridge A. J. (Eds). Oxford University Press, Oxford, pp. 521-536.
107. Olson L. E., Squires J. R., DeCesare N. J. & Kolbe, J. A. 2011. Den use and activity patterns in female Canada lynx (*Lynx canadensis*) in the northern Rocky Mountains. *Northwest Sci.* 85:455-462.

108. Organ J. F., Vashon J. H., McDonald J. E., Vashon A. D., Crowley S. M., Jakubas W. J., Matula, G. J. & Meehan A. L. 2008. Within-stand selection of Canada lynx natal dens in northwest Maine, USA. *Journal of Wildlife management* 72, 1514-1517.
109. Paragi T. F., Johnson W. N. & Katnik D. D. 1997. Selection of post-fire seres by lynx and snowshoe hares in the Alaskan taiga. *Northwest Nat.* 78, 77-86.
110. Parker G. R. 1981. Winter habitat use and hunting activities of lynx (*Lynx canadensis*) on Cape Breton Island, Nova Scotia. In *JWorldwide Furbearer Conference Proceedings*. Chapman A. & Pursley D. (Eds). Frostburg, Maryland, USA, pp. 221-248.
111. Parker G. R., Maxwell J. W., Morton L. D. & Smith G. E. J. 1983. The ecology of the lynx (*Lynx canadensis*) on Cape Breton Island. *Can. J. Zool.* 61:770-786.
112. Parker G .R. and Smith G. E. J. 1983. Sex- and age-specific reproductive and physical parameters of the bobcat (*Lynx rufus*) on Cape Breton Island, Nova Scotia. *Can. J. Zool.* 61:1771-1782.
113. Peers M. J. L., Thornton D. H. & Murray D. L. 2012. Reconsidering the specialist-generalist paradigm in niche-breadth dynamics: resource gradient selection by Canada lynx and bobcat. *PLoS ONE* 7(12), e51488.
114. Peers M. J. L., Thornton D. H. & Murray D. L. 2013. Evidence for large-scale effects of competition: niche displacement in Canada lynx and bobcats. *Proc. Royal Soc. B* doi: 10.1098/rspb.2013.2495.
115. Peers M. J. L., Wehtje M., Thornton D. H. & Murray D. L. 2014. Prey switching as a means of enhancing persistence in predators at the trailing southern edge. *Global Change Biol.* 20:1126-1135.
116. Perham C. T. 1995. Home range, habitat selection, and movements of lynx in eastern interior Alaska. M. S. thesis, Univ. of Alaska, Fairbanks.
117. Poole K. G. 1994. Characteristics of an unharvested lynx population during a snowshoe hare decline. *J. Wildl. Manage.* 58(4):608-618.
118. Poole K. G. 1995. Spatial organization of a lynx population. *Can. J. Zool.* 73:632-641.
119. Poole K. G. 1997. Dispersal patterns of lynx in the Northwest Territories. *J. Wildl. Manage.* 61:497-505.
120. Poole K. G. 2003. A review of the Canada lynx, *Lynx canadensis*, in Canada. *Can. Field-Nat.* 117:360-376.
121. Poole K. G., Wakelyn L. A. & Nicklen P. N. 1996. Habitat selection by lynx in the Northwest Territories. *Can. J. Zool.* 74, 845-850.
122. Poszig D., Apps C. & Dibb A. 2004. Predation on two mule deer, *Odocoileus hemionus*, by a Canada lynx, *Lynx canadensis*, in the southern Canadian Rocky Mountains. *Can. Field-Nat.* 118,191-194.
123. Quinn N. W. S. and Gardner J. F. 1984. Relationship of age and sex to lynx pelt characteristics. *J. Wildl. Manage.* 48:953-956.
124. Quinn N. W. S. & Parker G. 1987. Lynx. In *Wild furbearer management and conservation in North America*. Novak M., Baker J., Obbard M. & Malloch B. (Eds). Ontario Ministry of Natural Resources, Toronto, pp. 683-694.
125. Quinn N. W. S. & Thompson J. E. 1985. Age and sex of trapped lynx, *Felis canadensis*, related to period of capture and trapping technique. *Can. Field-Nat.* 99:267-269.
126. Quinn N. W. S. & Thompson J. E. 1987. Dynamics of an exploited Canada lynx population in Ontario. *J. Wildl. Manage.* 51:297-305.
127. Ranta E., Kaitala V. & Lindström J. 1997. Dynamics of Canadian lynx populations in space and time. *Ecography* 20:454-460.
128. Ranta E., Kaitala V. & Lundberg P. 1997. The spatial dimension in population fluctuations. *Science* 278:1621-1623.
129. Ripple W. J., Wirsing A. J., Beschta R. L. & Buskirk S. W. 2011. Can restoring wolves aid in lynx recovery? *Wildl. Soc. Bull.* 35:514-518.

130. Roth J. D., Marshall J. D., Murray D. L., Nickerson D. M. & Steury T. D. 2007. Geographical gradients in diet affect population dynamics of Canada lynx. *Ecology* 88, 2736-2743.
131. Row J. R., Gomez C., Koen E. L., Bowman J., Murray D. L. & Wilson P. J. 2012. Dispersal promotes high gene flow among Canada lynx populations across mainland North America. *Cons. Genet.* 13, 1259-1268.
132. Row J. R., Wilson P. J., Gomez C., Koen E. L., Bowman J., Thornton D. H. & Murray D. L. 2014. The subtle role of climate change on population genetic structure in Canada lynx. *Global Climate Change* in press.
133. Row J. R., Wilson P. J. & Murray D. L. 2013. Anatomy of a population cycle: the role of density dependence and demographic variability on numerical instability and periodicity. *J. Anim. Ecol.* doi: 10.1111/1365-2656.12179.
134. Rueness E. K., Stenseth N. C., O'Donoghue M., Boutin S., Ellegren H. & Jakobsen K. S. 2003. Ecological and genetic spatial structuring in the Canadian lynx. *Nature* 425, 69-72.
135. Ruggiero L. F., Aubry K. B., Buskirk S. W., Koehler G. M., Krebs C.J., McKelvey K.S. and Squires J.R., eds. 2000. *Ecology and conservation of lynx in the United States*. University Press of Colorado, Fort Collins.
136. Ruggiero L. F., Aubry K. B., Buskirk S. W., Lyon L .J. & Zielinski W. J. (Eds). *The scientific basis for conserving forest carnivores: American marten, fisher, lynx, and wolverine in the western United States*. General Technical Report RM-254. U.S. Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins.
137. Saunders J. K. 1961. The biology of the Newfoundland lynx. Ph.D. thesis, Cornell Univ., Ithaca.
138. Saunders J. K. 1963. Food habits of lynx in Newfoundland. *Journal of Wildlife management*. 27, 384-390.
139. Saunders J. K. 1963. Movements and activities of the lynx in Newfoundland. *J. Wildl. Manage.* 27, 390-400.
140. Schaffer W. M. 1984. Stretching and folding in lynx fur returns: evidence for a strange attractor in nature? *Am. Nat.* 124, 798-820.
141. Schwartz M. K., Mills L. S., McKelvey K. S., Ruggiero L. F. & Allendorf F. W. 2002. DNA reveals high dispersal synchronizing the population dynamics of Canada lynx. *Nature* 415, 520-522.
142. Schwartz M. K., Mills L. S., Ortega Y., Ruggiero L. F. & Allenbdorf F. W. 2003. Landscape location affects genetic variation of Canada lynx (*Lynx canadensis*). *Molecular Ecol.* 12, 1807-1816.
143. Schwartz M. K., Pilgrim K. L., McKelvey K. S., Lindquist E. L., Claar J. J., Loch S. & Ruggiero L. F. 2004. Hybridization between Canada lynx and bobcats: genetic results and management implications. *Cons. Genetics* 5, 349-355.
144. Shenk T. M., Kahn R. H., Byrne G., Kenvin D., Wait S., Seidel J. & Mumma J. 2009. Canada lynx (*Lynx canadensis*) reintroduction in Colorado (Reintroducción del lince canadiense (*Lynx canadensis*) en Colorado). In. *Iberian Lynx Ex Situ Conservation: An Interdisciplinary Approach (Conservación Ex Situ del Lince Ibérico: Un Enfoque Multidisciplinar)*. Vargas A., Breitenmoser-Würsten C. & Breitenmoser U. (Eds). Madrid: Fundación Biodiversidad in collaboration with: IUCN Cat Specialist Group, pp. 411-420
145. Sievert P. R. and Keith L.B. 1985. Survival of snowshoe hares at a geographic range boundary. *J. Wildl. Manage.* 49, 854-866.
146. Simons E. M. 2009. Influences of past and future forest management on the spatiotemporal dynamics of habitat supply for Canada lynx and American martens in northern Maine. Ph.D. thesis, University of Maine, Orono.
147. Simons-Legaard E. M., Harrison D. J., Krohn W. B. & Vashon J. H. 2013. Canada lynx occurrence and forest management in the Acadian forest. *J. Wildl. Manage.* 77, 567-578.
148. Slough B. G. 1996. Estimating lynx population age ratio with pelt length data. *Wildl. Soc. Bull.* 24, 495-499.
149. Slough B.G. 1999. Characteristics of Canada lynx, *Lynx canadensis*, maternal dens and denning habitat. *Can. Field-Nat.* 113, 605-608.

150. Slough B. G. & Mowat G. 1996. Lynx population dynamics in an untrapped refugium. *Journal of Wildlife management* 60, 946-961.
151. Smith J. D., Addison E. M., Joachim D. G. & Smith L. M. 1986. Helminth parasites of Canada lynx (*Felis canadensis*) from northern Ontario. *Can. J. Zool.* 64, 358-364.
152. Squires J. R., DeCesare N. J., Kolbe J. A. & Ruggiero R. F. 2008. Hierarchical den selection of Canada lynx in western Montana. *J. Wildl. Manage.* 72, 1497-1506.
153. Squires J. R., DeCesare N. J., Kolbe J. A. & Ruggiero L. F. 2010. Seasonal resource selection of Canada lynx in managed forests of the Northern Rocky Mountains. *J. Wildl. Manage.* 74, 1648-1660.
154. Squires J. R., DeCesare N. J., Olson L. E., Kolbe J. A., Hebblewhite M. & Parks S.A. 2013. Combining resource selection and movement behavior to predict corridors for Canada lynx at their southern range periphery. *Biol. Cons.* 157, 187-195.
155. Squires J. R., McKelvey K. S. & Ruggiero L. R. 2004. A snow-tracking protocol used to delineate local lynx, *Lynx canadensis*, distributions. *Can. Field-Nat.* 118, 583-589.
156. Squires J. R., DeCesare N.J., Olson L.E., Kolbe J.A., Hebblewhite M. & Parks S. A. 2013. Combining resource selection and movement behaviour to protect corridors for Canada lynx at their southern range periphery. *Biological Conservation* 157, 187-195.
157. Squires J. R., Olson L. E., Turner D. L., DeCesare N. J. & Kolbe J. A. 2012. Estimating detection probability for Canada lynx using snow-track surveys in the Northern Rocky Mountains. *Wildl. Biol.* 18, 215-224.
158. Squires J.R. and Ruggiero L.F. 2007. Winter prey selection of Canada lynx in Northwestern Montana. *J. Wildl. Manage.* 71, 310-315.
159. Staples W. R. 1995. Lynx and coyote diet and habitat relationships during a low hare population on the Kenai Peninsula, Alaska. M.S. thesis, Univ. of Alaska, Fairbanks.
160. Stenseth N. C., Chan K.-S., Tong H., Boonstra R., Boutin S., Krebs C.J., Post E., O'Donoghue M., Yoccoz N. G., Forchhammer M. C. & Hurrell J. W. 1999. Common structure of Canada lynx populations within three climatic regions. *Science* 285, 1071-1073.
161. Stenseth N. C., Ehrich D., Rueness E. K., Lingjærde O. C., Chan K.-S., Boutin S., O'Donoghue M., Robinson D. A., Viljugrein H. & Jakobsen K.S. 2004. The effect of climatic forcing on population synchrony and genetic structuring of Canadian lynx. *Proc. Nat. Acad. Sci. USA* 101, 6056-6061.
162. Stenseth N. C., Falck W., Bjørnstad O. N. & Krebs C. J. 1997. Population regulation in snowshoe hare and Canadian lynx: asymmetric food web configurations between hare and lynx. *Proc. Nat. Acad. Sci. USA* 94, 5147-5152.
163. Stenseth N. C., Falck W., Chan K.-S., Bjørnstad O.N., O'Donoghue M., Tong H., Boonstra R., Boutin S., Krebs C. J. & Yoccoz N. G. 1998. From patterns to processes: phase and density dependencies in the Canadian lynx cycle. *Proc. Nat. Acad. Sci. USA* 95, 15430-15435.
164. Stenseth N. C., Shabbar A., Chan K.-S., Boutin S., Rueness E. K., Ehrich D., Hurrell J. W., Lingjærde O. C. & Jakobsen K. S. 2004. Snow conditions may create an invisible barrier for lynx. *Proc. Nat. Acad. Sci. USA* 101, 10632-10634.
165. Stephenson R. O., Grangaard D. V. & Burch J. 1991. Lynx, *Felis lynx*, predation on red foxes, *Vulpes vulpes*, caribou, *Rangifer tarandus*, and Dall sheep, *Ovis dalli*, in Alaska. *Can. Field-Nat.* 105, 255-262.
166. Steury T. D. & Murray D. L. 2004. Modeling the reintroduction of lynx to the southern portion of its range. *Biol. Cons.* 117, 127-141.
167. Todd A.W. 1985. The Canada lynx: ecology and management. *Can. Trapper* 13(2), 15-20.
168. Tumlison R. 1987. *Felis lynx*. *Mammalian Species* 269, 1-8.
169. Tyson R., Haines S. & Hodges K. 2010. Modelling the Canada lynx and snowshoe hare population cycle: the role of specialist predators. *Theor. Ecol.* 3, 97-111.
170. van Zyll de Jong, C.G. 1963. The biology of the lynx, *Felis (Lynx) canadensis* Kerr in Alberta and the Mackenzie District, N.W.T. M.S. thesis, Univ. of Alberta, Edmonton.

171. van Zyll de Jong C. G. 1966. Food habits of the lynx in Alberta and the Mackenzie District, N.W.T. Canadian Field-Nat. 80, 18-23.
172. van Zyll de Jong C.G. 1966. Parasites of Canada lynx, *Felis (Lynx) canadensis* (Kerr). Canadian Journal of Zoology 44, 499-509.
173. van Zyll de Jong C. G. 1971. The status and management of the Canada lynx in Canada. In S.E. Jorgenson and L.D. Mech, eds. Proc. symp. on the native cats of North America: their status and management. US Fish and Wildlife Service, Twin Cities, pp. 15-22.
174. Vashon J. 2015. *Lynx canadensis*. The IUCN Red List of Threatened Species 2015. e.T12518A101138963. <http://dx.doi.org/10.2305/IUCN.UK.2016-2.RLTS.T12518A101138963.en>. Downloaded on 29 December 2016.
175. Vashon J., McLellan S., Crowley S., Meehan A. & Lausten K. 2012. Canada lynx assessment. Maine Department of Inland Fisheries and Wildlife, 107 pp.
176. Vashon J. H., Meehan A. L., Jakubas W. J., Organ J. F., Vashon A. D., McLaughlin C. R., Matula G. J. & Crowley S. M. 2008. Spatial ecology of a Canada lynx population in northern Maine. Journal of Wildlife management 72, 1479-1487.
177. Vashon J. H., Meehan A. L., Organ J. F., Jakubas W. J., McLaughlin C. R., Vashon A. D. & Crowley S. M. 2008. Diurnal habitat relationships of Canada lynx in an intensively managed private forest landscape in northern Maine. J. Wild. Manage. 72, 1488-1496.
178. Walpole A. A., Bowman J., Murray D. L. & Wilson P. J. 2012. Functional connectivity of lynx at their southern range periphery in Ontario, Canada. Landscape Ecology 27, 761-73.
179. Ward R. M. P. & Krebs C. J. 1985. Behavioural responses of lynx to declining snowshoe hare abundance. Can. J. Zool. 63, 2817-2824.
180. Werdelin L. 1981. The evolution of lynxes. Ann. Zool. Fenn. 18, 37-71.
181. Werdelin L. 1983. Small Pleistocene felines of North America. J. Vertebrate Paleontology 5, 194-210.
182. Wild M. A., Shenk T. M. & Spaker T. R. 2006. Plague as a mortality factor in Canada lynx (*Lynx canadensis*) reintroduced to Colorado. J. Wildl. Diseases 42, 646-650.
183. Wolff J. 1980. The role of habitat patchiness in the population dynamics of snowshoe hares. Ecol. Monogr. 50, 111-130
184. Yan C., Stenseth N. C., Krebs C. J. & Zhang Z. 2013. Linking climate change to population cycles in hares. Global Change Biol. 19, 3263-3271.
185. Zhang Z., Tao Y. & Li Z. 2007. Factors affecting hare-lynx dynamics in the classic time series of the Hudson Bay Company, Canada. Climate Research 34, 83-89.