

## **Leopard (*Panthera pardus*)**

### **Reference List**

1. Bailey T. N. 1993. The African leopard: a study of the ecology and behavior of a solitary felid. Columbia Univ. Press, New York.
2. Balme G. A. & Hunter L. T. B. 2013. Why leopards commit infanticide. Animal Behaviour 86, 791-799.
3. Balme G. A., Batchelor A., Woronin Britz N., Seymour G., Grover M., Hes L., Macdonald D. W. & Hunter L. T. B. 2013. Reproductive success of female leopards *Panthera pardus*: the importance of top-down processes. Mammal Review 43, 221-237.
4. Balme G. A., Lindsey P. A., Swanepoel L. H. & Hunter L. T. B. 2013. Failure of research to address the rangewide conservation needs of large carnivores: leopards in South Africa as a case study. Conservation Letters, 1-9.
5. Balme G., Hunter L. & de Woronin Britz N. 2012. A case of offspring adoption in leopards, *Panthera pardus*. South African Journal of Wildlife Research 42(1), 63-66.
6. Balme G. A., Hunter L. & Braczkowski A. R. 2012. Applicability of age-based hunting regulations for African Leopards. Plos One 7(4), 1-9.
7. Balme G. A., Batchelor A., de Woronin Britz N., Seymour G., Grover M., MacDonald D. W. & Hunter L. T. B. 2012. Reproductive success of female leopards *Panthera pardus*: the importance of top-down processes. Mammal Review 43(1).
8. Balme G. A., Slotow R. & Hunter L. T. B. 2010. Edge effects and the impact of non-protected areas in carnivore conservation: leopards in the Phinda-Mkuze Complex, South Africa. Animal Conservation 13(3), 315-323.
9. Balme G. A., Hunter L. T. B. & Slotow R. 2009. Evaluating methods for counting cryptic carnivores. Journal of Wildlife Management 73(3), 433-441.
10. Balme G. A., Slotow R. & Hunter L. T. B. 2009. Impact of conservation interventions on the dynamics and persistence of a persecuted leopard (*Panthera pardus*) population. Biol Conserv 142(11), 2681-90.
11. Balme G., Hunter L. & Slotow R. 2007. Feeding habitat selection by hunting leopards *Panthera pardus* in a woodland savannah: prey catchability versus abundance. Animal Behaviour 74, 589-598.
12. Balme G., Hunter L., Goddman P., Ferguson H., Craigie J., Hughes S., de Jager S. & Slotow R. 2007. A model for sustainable trophy hunting of leopards in South Africa. In hughes J. and Mercer R. Felid Biology and Conservation. The Wildlife Conservation Research Unit, Oxford University, pp.45-46.
13. Balme G. A., Slotow R. & Hunter L. T. B. 2006. Feeding habitat selection by hunting leopards *Panthera pardus* in a woodland savanna: prey catchability versus abundance. Animal Behaviour 74, 589-598.
14. Balme G. & Hunter L. 2004. Mortality in a protected leopard population, Phinda private Game Reserve, South Africa: A population decline. Ecological Journal 6: 1-6.
15. Becker M., McRob R., Watson F., Droege E., Kanyembo B., Murdoch J. & Kakumbi C. 2013. Evaluating wire-snare poaching trends and the impacts of by-catch on elephants and large carnivores. Conservation Biology 158, 26-36.
16. Bertram B. C. R. 1982. Leopard ecology as studied by radio tracking. Symp. Zool. Soc. Lond. 49, 341-352.
17. Bodendorfer T., Hoppe-Dominik B., Fischer F. & Linsenmaier K. E. 2006. Prey of leopard (*Panthera pardus*) and the lion (*Panthera leo*) in the Comoé and Marahoué National Parks, Côte d'Ivoire, West Africa. Mammalia 70, 231-241.
18. Boesch C. 1991. The effects of leopard predation on grouping patterns in forest chimpanzees. Behaviour 117(3/4), 220-242.

19. Bothma J. du P. & Le Riche E. A. N. 1984. Aspects of the ecology and the behaviour of the leopard *Panthera pardus* in the Kalahari Desert. *Koedoe Suppl.*, 259-279.
20. Bothma J. du P. & Le Riche E. A. N. 1986. Prey preference and hunting efficiency of the Kalahari Desert leopard. In Miller S.D. and Everett D.D., eds. *Cats of the world: biology, conservation and management*. National Wildlife Federation, Washington D.C, pp. 389-414.
21. Bothma J. P., Knight M. H., Le Riche E. A. N. & Van Hensbergen H. J. 1997. Range size of southern Kalahari leopards. *South African Journal of Wildlife Research* 27(3), 94-99.
22. Cavallo J. 1993. A study of leopard behaviour and ecology in the Seronera Valley, Serengeti National Park. *Serengeti Wildlife Research Centre Scientific Report 1990-1992*, 33-43.
23. Chapman S. & Balme G. 2010. An estimate of leopard population density in a private reserve in KwaZulu-Natal, South Africa, using camera-traps and capture-recapture models. *South African Journal of Wildlife Research* 40(2), 114-120.
24. Chase G. J. N., Kent V. T. & Hill R. A. 2013. Evidence of a high density population of harveded leopards in a montane environment. *Plos One* 8(12), 1-11.
25. Craigie I. D., Baillie J. E. M., Balmford A., Carbone C., Collen B., Green R.E. & Hutton, J. M. 2010. Large mammal population declines in Africa's protected areas. *Biological Conservation* 143, 2221-2228.
26. Durant S. M., Wacher T., Bashir, S., Woodroffe, R., De Ornellas, P., Ransom, C., Newby, J., Abaigar T., Abdelgadir M., El Alqamy H., Baillie J., Beddiasf M., Belbachir F., Belbachir-Bazi A., Berbash A.A., Bemadjim N.E., Beudels-Jamar R., Boitani L., Breitenmoser C., Cano M., Chardonnet P., Collen B., Cornforth W.A., Cuzin F., Gerngross P., Haddane B., Hadjeloum M., Jacobson A., Jebali A., Lamarque, F., Mallon D., Minkowski K., Monfort, S., Ndoassal B., Niagate B., Purchase G., Samaila S., Samna A. K., Sillero-Zubiri C., Soultan A. E., Price M. R. S. & Pettorelli N. 2014. Fiddling in biodiversity hotspots while deserts burn? Collapse of the Sahara's megafauna. *Diversity and Distributions* 20, 114-122.
27. du Toit J. T., Walker B. H. & Campbell B. M. 2004. Conserving tropical nature: current challenges for ecologists. *Trends in Ecology and Evolution* 19(1), 12-17.
28. Eaton R. L. 1977. Reproductive biology of the leopard. *Zool. Gart. N.F. Jena* 47(5), 329-351.
29. Eaton R. L. 1978. The conservation of the leopard in Africa: towards an authentic philosophy of conservation. *Carnivore* 1(3/4), 82-149.
30. Estes R. D. 1967. Predators and scavengers I. *Nat. Hist.* 76(2), 20-29.
31. Fattebert J., Dickerson T., Balme G., Slotwo R. & Hunter L. 2013. Long-distance natal dispersal in leopard reveals potential for a three-country metapopulation. *South African Journal of Wildfie Research* 43(1), 61-67.
32. Fey V. 1964. The diet of leopards. *African Wildlife* 18, 105-109.
33. Friedmann Y. & Taylor-Holzer K. 2008. Leopard (*Panthera pardus*) case study Endangered Wildlife Trust, IUCN/SSC Conservation Breeding Specialist Group; 29 p.
34. Fusari A. & Carpaneto G. M. 2006. Subsistence hunting and conservation issues in the game reserve of Gile, Mozambique. *Biodiversity and Conservation* 15(8), 2477-2495.
35. Grant T. 2012. Leopard population density, home range size and movement patterns in a mixed landuse area of the mangwe district of Zimbabwe, Thesis. Rhodes University, 143 pp.
36. Grimbeek A. M. 1992. Ecology of the leopard (*Panthera pardus*). MSc Thesis, 179pp.
37. Grobler J. H. & Wilson V. J. 1972. Food of the leopard *Panthera pardus* (Linn.) in the Rhodes Matopos National Park, Rhodesia, as determined by faecal analysis. *Arnoldia* 5(35), 1-10.
38. Guggisberg C. W. A. 1975. Wild cats of the world. David and Charles, London.
39. Hamilton P. H. 1976. The movements of leopards in Tsavo National Park, Kenya, as determined by radio-tracking. M.S. thesis, Univ. of Nairobi, Nairobi.
40. Hamilton P. H. 1981. *The leopard (Panthera pardus) and the cheetah (Acinonyx jubatus)* in Kenya: ecology, status, conservation, management. Unpubl. report for the U.S. Fish Wildl. 137 pp.

41. Hamilton P. H. 1986b. Status of the leopard in Kenya, with reference to sub-Saharan Africa. In Miller S.D. & Everett D.D., eds. *Cats of the world: Biology, conservation and management*. National Wildlife Federation, Washington D.C. pp. 447-459.
42. Hayward M. W., Henschel P., O'Brien J., Hofmeyr M., Balme G. & Kerley G.I.H. 2006. Prey preferences of the leopard (*Panthera pardus*). *J Zool*, Lond, 1-16.
43. Hayward M. W., O'Brien J. & Kerley G. I. H. 2007. Carrying capacity of large African predators: Predictions and tests. *Biological Conservation* 139: 219-229.
44. Hebblewhite M., Miquelle D. G., Murzin A. A., Aramilev V. V. & Pikunov D.G. 2011. Predicting potential habitat and population size for reintroduction of the Far Eastern leopards in the Russian Far East. *Biol Conserv* 144(10), 2403-13.
45. Henschel P., Hunter L., Breitenmoser U., Purchase N., Packer C., Khorozyan I., Bauer H., Marker L., Sogbohossou E. & Breitenmoser-Wursten, C. 2008. *Panthera pardus*. In IUCN 2012. IUCN Red List of Threatened Species. Version 2012.2. Downloaded on 27 June 2013.
46. Henschel P., Hunter L. T. B., Coad L., Abernethy K. A. & Mühleberg M. 2011. Leopard prey choice in the Congo Basin rainforest suggests exploitative competition with human bushmeat hunters. *Journal of Zoology* 285, 11-20.
47. Henschel P. 2008. The conservation biology of the leopard *Panthera pardus* in Gabon: Status, threats and strategies for conservation. Thesis. Georg-August-University Göttingen, 98pp.
48. Henschel P. 2001. Untersuchung der Ernährungsweise und der Populationsdichte des Leoparden (*Panthera pardus*) im Lopé Reservat, Gabun, Zentralafrika. Diplomarbeit, 1-50.
49. Henschel P. & Ray J. 2003. Leopards in African rainforests: Survey and monitoring techniques. WCS Global Carnivore Program, 50 pp.
50. Henschel P., Abernethy K. A. & White L. J. T. 2005. Leopard food habits in the Lopé National Park, Gabon, Central Africa. *African Journal of Ecology* 43, 21-28.
51. Hemmer H. 1976. Gestation period and postnatal development in felids. In Eaton R.L., ed. *The world's cats* vol 3. Carnivore Research Institute, Univ. Washington, Seattle, pp. 143-165.
52. Hoppe-Dominik B. 1984. Etude du spectre des proies de la panthère, *Panthera pardus*, dans le Parc National de Tai en Côte d'Ivoire. *Mammalia* 48(4), 477-487.
53. Hunter L. T. B. 2013. *Panthera pardus*. In *Mammals of Africa*. Volume V: Carnivora, Pangolins, Equids and Rhinoceroses. Kingdon J. & Hoffmann M. (Eds). Bloomsbury Publishing, London, pp. 159-168
54. Jackson P. 1989. A review by leopard specialists of The status of leopard in sub-Saharan Africa by Martin and de Meulenaer. Information document No. 3 submitted to the seventh meeting of the Conference of the Parties to CITES.
55. Jacobson A. P., Gerngross P., Lemmeris J. R., Schoonover R., Anco C., Breitenmoser-Wursten C., Durant S., Farhadinia M. S., Henschel P., Kamler J., Laguardia A., Rostro-Garcia S., Stein A.B. & Dollar L. 2016. Leopard (*Panthera pardus*) status, distribution, and the research efforts across its range. *PeerJ*, 1-28.
56. Jenny D. & Zuberbuehler K. 2005. Hunting behaviour in West African forest leopards. *African Journal of Ecology* 43, 197-200.
57. Jenny D. 1993. Leopard research in Ivory Coast rain forest. *Cat News* 18, 12-13.
58. Jones B. T. B. 1999. Community-based Natural Resource Management in Botswana and Namibia: an inventory and preliminary analysis of progress. IIED, Evaluating Eden Series.
59. Kingdon J. 1977. East African mammals: An atlas of evolution in Africa, Vol. 3(A). *Carnivores*. Academic Press, New York.
60. Kitchener A. C., Breitenmoser-Würsten Ch., Eizirik E., Gentry A., Werdelin L., Wilting A., Yamaguchi N., Bramov A. V., Christiansen P., Driscoll C., 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 Classification Task Force of the IUCN Cat Specialist Group. *Cat News Special Issue* 11, 80 pp.

61. Kruuk H. & Turner M. 1967. Comparative notes on predation by lion, leopard, cheetah and wild dog in the Serengeti area, East Africa. *Mammalia* 31, 1-27.
62. Le Roux P.G. & Skinner J. D. 1989. A note on the ecology of the leopard (*Panthera pardus* Linnaeus) in the Londolozi Game Reserve, South Africa. *Afr. J. Ecol.* 27, 167-171.
63. Lindsey P. A., Balme G., Becker M., Begg C., Bento C., Bocchino C., Dickman A., Diggle R. W., Eves H., Henschel P., Lewis D., Marnewick K., Mattheus J., McNutt J. W., McRobb R., Midlane N., Milanzi J., Morley R., Murphree M., Opyene V., Phadima J., Purchase G., Rentsch D., Roche C., Shaw J., Van der Westhuizen H., Van Vliet N. & Zisadza-Gandiwa P. 2013a. The bushmeat trade in African savannas: Impacts, drivers, and possible solutions. *Biological Conservation* 160, 80-96.
64. Lindsey P. A., Nyirenda V. R., Barnes J. I., Becker M. S., McRobb R., Tambling C. J. & Taylor WA., Watson, F.G. and t'Sas-Rolfes, M. 2014. Underperformance of African protected area networks and the case for new conservation models: insights from Zambia. *PLoS ONE* 9 (5): e94109.
65. Mallon D. & Budd K. 2011. Regional Red List Status of Carnivores in the Arabian Peninsula Cambridge, UK and Gland Switzerland: IUCN, and Sharjah, UAE: Environment and Protected Areas Authority, 52 p.
66. Martin R. B. & de Meulenaer T. 1988. Survey of the status of the leopard (*Panthera pardus*) in sub-Saharan Africa. CITES Secretariat, Lausanne.
67. Marker L. L. & Dickman A. J. 2005. Factors affecting leopard (*Panthera pardus*) spatial ecology, with particular reference to Namibian farmlands. *South African Journal of Wildlife Research* 35(2), 105-115.
68. Martinez M. C. 2011. The leopard (*Panthera pardus*) and the golden cat (*Caracal aurata*) in Equatorial Guinea: a national assessment of status, distribution and threat. Report. Panthera Conservation International, 80pp.
69. Martins Q. & Martins N. M. 2006. Leopards of the Cape: conservation and conservation concerns. *International Journal of Environmental Studies* 63(5), 579-585.
70. Mills M. G. L. 1990. Kalahari hyenas: the comparative behavioural ecology of two species. Unwin Hyman, London.
71. Miththapala S. 1992. Genetic and morphological variation in the leopard (*Panthera pardus*): a geographically widespread species. Ph.D. thesis, Univ. Florida, Gainesville.
72. Mizutani F. 1993. Home range of leopards and their impact on livestock on Kenyan ranches. In Mammals as predators. Dunstone N. & Gorman M. L. (Eds). Proc. Symp. Zool. Soc. Lond. 65. Clarendon, Oxford.
73. Norton P. M. 1984. Leopard conservation in South Africa. *African Wildlife* 38, 191-196.
74. Norton P. M. 1986. Historical changes in the distribution of leopards in the Cape Province, South Africa. *Bontebok* 5, 1-9.
75. Norton P. M. 1990. How many leopards? A criticism of Martin and de Meulenaer's population estimates for Africa. *S. Afr. J. Sci.* 86, 218-220.
76. Norton P. M. & Henley S. R. 1987. Home range and movements of male leopards in the Cedarberg Wilderness Area, Cape Province. *S. Afr. J. Wildl. Res.* 17, 41-48.
77. Norton P. M. & Lawson A. B. 1985. Radio tracking of leopards and caracals in the Stellenbosch area, Cape Province. *S. Afr. J. Wildl. Res.* 15(1), 17-24.
78. Norton P. M., Lawson A. B., Henley S. R. & Avery G. 1986. Prey of leopards in four mountainous areas of the south-western Cape Province. *S. Afr. J. Wildl. Res.* 16(2), 47-52.
79. Nowell K. 2007. Asian big cat conservation and trade control in selected range States: evaluating implementation and effectiveness of CITES Recommendations. TRAFFIC International, Cambridge, UK.
80. Nowell K. & Pervushina N. 2014. Review of implementation of Resolution Conf. 12.5 (Rev. CoP16) on Conservation and trade in tigers and other Appendix-I Asian big cats. IUCN and TRAFFIC report prepared for the CITES Secretariat, 65th meeting of the CITES Standing Committee, Geneva, 7-11 July. Geneva. Available at: [http://cites.org/sites/default/files/eng/com/sc/65/E-SC65-38-A01\\_0.pdf](http://cites.org/sites/default/files/eng/com/sc/65/E-SC65-38-A01_0.pdf).

81. Ott T., Kerley G. I. H. & Boshoff A. F. 2007. Preliminary observations on the diet of leopards (*Panthera pardus*) from a conservation area and adjacent rangelands in the Baviaanskloof region, South Africa. *African Zoology* 42(1), 31-37.
82. Packer C., Brink H., Kissui B. M., Maliti H., Kushnir H., & Caro T. 2011. Effects of trophy hunting on lion and leopard populations in Tanzania. *Conservation Biology* 25(1), 142-153.
83. Pitman R. T., Kilian P. J., Ramsay P. M. & Swanepoel L. H. 2013. Foraging and habitat specialization by female leopards (*Panthera pardus*) in the Waterberg Mountains of South Africa. *South African Journal of Wildlife Research* 43(2), 167-176.
84. Radloff F. G. T. & du Toit J. T. 2004. Large predators and their prey in a southern African savanna: a predator's size determines its prey size range. *Journal of Applied Ecology* 73, 410-423.
85. Rautenbach T. 2010. Assessing the Diet of the Cape Leopard in the Cederberg and Gamka Mountains, South Africa [dissertation]. Nelson Mandela Metropolitan University. 85 pp.
86. Ray J. C., Hunter L. & Zigouris J. 2005. Setting conservation and research priorities for larger African carnivores. *Wildlife Conservation Society*, New York, USA.
87. Schaller G. B. 1972. *The Serengeti lion*. Univ. of Chicago Press, Chicago.
88. Scheepers J. L. & Gilchrist D. 1991. Leopard predation on giraffe calves in the Etosha National Park. *Madoqua* 18(1):49.
89. Seidensticker J. 1991a. Leopards. In Great cats. Seidensticker J. & Lumpkin S. (Eds). Merehurst, London, pp. 106-115.
90. Shoemaker A. H. 1993. The status of the leopard, *Panthera pardus*, in nature: a country by country analysis. Riverbanks Zoological Park, Columbia, South Carolina.
91. Skinner J. D. & Smithers R. H. N. 1990. The mammals of the southern African subregion, 2<sup>nd</sup> edition. University of Pretoria Press, Pretoria.
92. Smithers R. H. N. 1975. Family Felidae. Part 8.1. In *The mammals of Africa: an identification manual*. Meester J. & Setzer H. W. (Eds). Smithsonian Institution, Washington D.C, pp. 1-10.
93. Stein, A.B., Athreya, V., Gerngross, P., Balme, G., Henschel, P., Karanth, U., Miquelle, D., Rostro-Garcia, S., Kamler, J.F., Laguardia, A., Khorozyan, I. & Ghoddousi, A. 2016. *Panthera pardus*. (errata version published in 2016) The IUCN Red List of Threatened Species 2016: e.T15954A102421779. Downloaded on 29 December 2016.
94. Stein A. B. & Hayssen V. 2013. *Panthera pardus* (Carnivora: Felidae). *Mammalian Species* 45(900), 30-48.
95. Stein A. B., Bourquin S. L. & McNutt J. W. In Press. Avoiding intraguild competition: Leopard feeding ecology and prey caching in Northern Botswana. *South African Journal of Wildlife Research*.
96. Stein A. B., Fuller T. K., Damery D. T., Sievert L. & Marker L. L. 2010. Farm management and economic analyses of leopard conservation in north-central Namibia. *Animal Conservation* 13, 419-427.
97. Stuart C. T., Stuart T., Macdonald, I. A. W. & Mills M. G. L. 1985. History, current status and conservation of large mammalian predators in Cape Province, Republic of South Africa. *Biol. Conserv.* 31, 7-19.
98. Swanepoel L. H., Lindsey P., Somers M. J., Hoven W. V. & Dalerum F. 2013. Extent and fragmentation of suitable leopard habitat in South Africa. *Animal Conservation* 16(1): 41-50.
99. Thorn M., Green M., Scott D. & Marnewick K. 2013. Characteristics and determinants of human-carnivore conflict in South African farmland. *Biodiversity Conservation* 22, 1715-1730.
100. Weilenmann M., Gusset M., Mills D. R., Gabanapelo T. & Schiess-Meier M. 2010. Is translocation of stock-raiding leopards into a protected area with resident conspecifics an effective management tool? *Wildlife Research* 37, 702-707.
101. Weise F., Lemeris J., Stratford K. J., van Vuuren R., Munro S. J., Crawford S. J., Marker L. L. & Stein, A.B. 2015. A home away from home: insights from successful leopard translocations. *Biodiversity and Conservation* 24(7), 1755-1774.