

## REFERENCES

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- Ackerman B. B., 1982. Cougar predation and ecological energetics in southern Utah. *M.S. Thesis, Utah State Univ.*, Logan. 103pp.
- Addicott J. F., Aho J. M., Antolin M. F., Padilla D. P., Richardson J. S., Soluk D. A., 1987. Ecological neighbourhoods: scaling environmental patterns. *Oikos* 49, 340–346.
- Aldama J., 1993. Ecología energética y reproductiva del Lince ibérico (*Lynx pardina* Temminck, 1824) en Don-ana. Ph.D., Universidad Complutense de Madrid.
- Anderson D. R., 2008. Model based inference in the life sciences, Springer.
- Anderson P., Turner M. G., Forester J. D., Zhu J., Boyce M. S., Beyer H. & Stowell L. 2005. Scale-dependent summer resource selection by reintroduced elk in Wisconsin, USA. *J. Wildl. Mgmt.* 69, 298–310.
- Andr n H., 1994. Effects of habitat fragmentation on birds and mammals in landscapes with different proportions of suitable habitat: a review. *Oikos*. 71, 355–366.
- Angerbj rn A., Tannerfeldt M. and Erlinge S. 1999: Predator-prey relationships: arctic foxes and lemmings. *J. Anim. Ecol.* 68: 34–49.
- Angerbj rn A., Str man J. and Becker D. 1997. Home range pattern in Arctic foxes in Sweden. *Journal of Wildlife Research* 2:9–14.
- Arjo W. M., T. J. Bennett, and Kozlowski A. J. 2003. Characteristics of current and historical Kit Fox (*Vulpes macrotis*) dens in the Great Basin Desert. *Canadian Journal of Zoology* 81: 96–102.
- Ashraf N. V. K., Kumar A and Johnsingh A. J. T. 1993. Two endemic Viverrids of the Western Ghats. *Oryx* 27: 109-114.
- Atkinson R. P. D., Macdonald D. W., Kamizola R., 2002. Dietary opportunism inside-striped jackals *Canis adustus* Sundevall. *J Zool* 257: 129–139.
- Bailey E. P., 1993. Introduction of foxes to Alaskan islands: history effects on avifauna, and eradication. Resource Publication No 193. U.S. Fish and Wildlife Service, Washington DC, USA.
- Bailey T. N., 1981. Den ecology, population parameters and diet of eastern Idaho bobcats. In: Blum, L.G., Escherich, P.C. (Eds.), Bobcat Research Conference Proceedings. National Wildlife Federation Sci, Front Royal, VI, pp. 62-69.
- Baker P. J., Funk S. M., Harris S. and White P. C. L., 2000. Flexible and spatial organization of urban foxes, *Vulpes vulpes*, before and during an outbreak of sarcoptic mange. *Anim. Behav.* 59, 127–146.

- Barrette C. and Messier F., 1980. Scent-marking in free-ranging coyotes, *Canis latrans*. *Animal Behaviour*, 28, 814–819.
- Begon M., Harper J. L. and C. R. Townsend. 1996. Ecology. Blackwell Science, Oxford, UK.
- Bekoff M. and Wells M. C. 1982. The behavioral ecology of coyotes: social organization, rearing patterns, space use, and resource defense. *Zeitschrift für Tierphysiologie*, 60, 281–305.
- Bekoff M. and Wells M. C. 1986. Social ecology and behavior of coyotes. *Advances in the study of Behavior*, 16, 251–338.
- Bekoff M. and Gese E. M. 2003. Coyote (*Canis latrans*). Pp. 467–481 in G.A. Feldhamer, B.C. Thompson and J.A. Chapman, eds. *Wild mammals of North America: biology, management, and conservation*. Johns Hopkins University Press, Baltimore, USA.
- Biogeography of India. The Hague: Dr. W. Junk, B.V publishers.
- Bowen W. D and Cowan I. M. 1980. Scent marking in coyotes. *Canadian Journal of Zoology*, 58, 473–480.
- Boyce M. S. 2006. Scale for resource selection functions. *Divers. Distrib.* 12, 269–276.
- Boyce M.S., Vernier P.R., Nielsen S.E. and Schmiegelow F. K. A. 2002. Evaluating resource selection functions. *Ecological Modelling*, 157, 281–300.
- Brown J. L. and Orians G. H. Spacing patterns in mobile animals. *Annu. Rev. Ecol. Syst.* 1:239-62, 1970. Department of Biology, University of Rochester, NY and Department of Zoology. University of Washington. Seattle. WA.
- Buckland S.T., Anderson D.R., Burnham K. P. and Laake J. L. 1993. Distance Sampling:
- Burt W. H. 1943. Territoriality and home range concepts as applied to mammals. *J. Mammal.* 24: 346-352.
- Butler J. R. A., du Toit, J. T. and Bingham, J. 2004. Free-ranging domestic dogs (*Canis familiaris*) as predators and prey in rural Zimbabwe: threats of competition and disease to large wild carnivores. *Biological Conservation*. 115, 369–378.
- Camenzind F. J. 1978b. Behavioral ecology of coyotes on the National Elk Refuge, Jackson, Wyoming. In M Bekoff (ed), *Coyotes: biology, behavior, and management*, pp. 267–294. Academic Press, New York, USA.
- Carbone C. and J. Gittleman. 2002. A common rule for scaling. *Science* 295: 2273-2276.
- Carbone C., Christie S., Conforti K., Coulson T., Franklin N., Ginsberg J. R., Griffiths M., Holden J., Kawanishi K., Kinnaird M., Laidlaw R., Lynam A., Macdonald D. W., Martyr D., McDougal C., Nath L., O'Brien T., Seidensticker J., Smith D. J. L., Sunquist M., Tilson R. and Wan Shahrudin W. N. 2001. The use of photographic rates to estimate densities of tigers and other cryptic mammals. *Animal Conservation* 4: 75–79.

- Carbyn L. N. 1986. Some observations on the behaviour of swift foxes in reintroduction programs within the Canadian prairies. *Alberta Naturalist* 16:37–41.
- Caro T. M. 1994. *Cheetahs of the Serengeti plains*. University of Chicago Press, Chicago, IL, USA.
- Chesemorr D. L. 1969. Den ecology of the Arctic fox in Northern Alaska. *Can. J. Zool.* 47: 121-129.
- Chapman and Hall, Estimating Abundance of Biological Populations. London. 446pp.
- Ciucci P., Boitani L., Pelliccioni E.R., Rocco M., Guy I. 1996. A comparison of scat analysis methods to assess the diet of the wolf *Canis lupus*. *Wildl Biol* 2:37–48.
- Ciucci P., Mech L. D. 1992. Selection of wolf dens in relation to winter territories in Northeastern Minnesota. *Journal of Mammalogy* 73, 899±905.
- Clutton-Brock J, Corbet G. B and Hill M. 1976. A review of the family Canidae with a classification by numerical methods. *Bulletin of the British Museum of Natural History and Zoology*,29, 119–199.
- Collins R. J., Barrett G. W. 1997. Effects of habitat fragmentation on meadow vole (*Microtus pennsylvanicus*) population dynamics in experimental landscape patches. *Landscape Ecology* 12, 63–76.
- Cook R. D. and Jacobson J. O. 1979. A design for estimating visibility bias in aerial surveys. *Biometrics* 35: 735–742.
- Corbett G. B., and J. E Hill. 1992. The mammals of Indomalayan Region. A systematic Review. Oxford: Oxford University Press.
- Covell D. F. 1992. Ecology of swift fox (*Kipessi-eioxi*) in southeastern Colorado. M.S. thesis, University of Wisconsin. Madison.
- Creel S., Spong G. and Creel N. 2001. Interspecific competition and the population biology of extinction-prone carnivores. In JL Gittleman, SM Funk, DW Macdonald and RK Wayne (eds), *Carnivore conservation*, pp. 35–60. Cambridge University Press, Cambridge, UK.
- Crooks K. R. and M. E. Soulé. 1999. Mesopredator release and avifaunal collapse in urban habitat fragments. *Nature* 400: 563-566.
- Cutter W. L. 1958. Denning of the swift fox in northern Texas. *Journal of Mammalogy* 39:768–774.
- Cypher B. L and Spencer K. A. 1998. Competitive interactions between coyote and San Joaquin kit foxes. *Journal of Mammalogy*, 79, 204–214.

- Cypher B. L., Warrick G. D., Otten M. R. M., O'Farrell T. P., Berry W. H., Harris C. E., Kato T. T., McCue P. M., Scrivner J. H. and Zoellick B. W. 2000. Population dynamics of San Joaquin kit foxes at the Naval Petroleum Reserves in California. *Wildlife Monographs*, 145, 1–43.
- Dail D. and Madsen L. 2010. Models for Estimating Abundance from Repeated Counts of an Open Metapopulation. The International Biometric Society. DOI: 10.1111/j.1541-0420.2010.01465.x
- Danielson B. J. 1994. A justification for the conservation of large reserves. In: Meffe, G.K., Carroll, C.R. (Eds.), *Principles of Conservation Biology*. Sinauer, Sunderland, Massachusetts, pp. 276– 277.
- Danilov D. N. 1961. Den sites of the arctic fox (*Alopex lagopus*) in the east part of the Bol'shezemel'skaya tundra. *Problems of the North* 2:223-229. Translation by the National Research Council, Ottawa.
- Darryl I. MacKenzie and William L. Kendall. 2002. How should detection probability be incorporated into estimates of relative abundance? *Ecology* 83:2387–2393.
- Dell'Arte G. L. and Leonardi G. 2005. Effects of habitat composition on the use of resources by the red fox in a semi arid environment of North Africa. *Acta Oecologica* 28, 77–85.
- Dementyeff N. I. 1955. Biology of the arctic fox in the Bolshezemelskaya tundra. Translation, *Russian Game Reports*, Vol. 3. Translation by the National Research Council, Ottawa. 166-181.
- Dietz J. M. 1984. Ecology and social organization of the maned wolf (*Chrysocyon brachyurus*). *Smithsonian Contribution to Zoology*, 392, 1–51.
- Doncaster C. P. and Woodro. E. R. 1993. Den site can determine shape and size of badger territories: implications for group-living. *Oikos* 66, 88±93.
- Dorcas M. E. and J. D. Willson. 2009. Innovative methods for studies of snake ecology and conservation. In: *Snakes: Ecology and Conservation*. (eds. Mullin, S. J. and R. A. Seigel), Pages. 5–37. Cornell University Press, Ithaca, NY,
- Duckworth J. W., Poole C. M., Tizard R. J., Walston J. L. and Timmins R. J. 2005. The Jungle Cat *Felis chaus* in Indochina: a threatened population of a widespread and adaptable species. *Biodiversity and Conservation* 14:1263-1280.
- Egoscue H. J. 1962. Ecology and life history of the kit fox in Tooele County. Utah. *Ecology*. 43: 481-497.
- Egoscue H. I. 1975. Population dynamics of the kit fox in Western Utah. *Bull. South. Calif. Acad. Sci.* 74: 122-127.
- Eisenberg J. F. and Lockhart M. 1972. An ecological reconnaissance of Wilpattu National Park, Ceylon. *Smithsonian Contributions to Zoology* 101:1–118.

- Elith J., Graham C. H., Anderson R. P., Dudik M., Ferrier S., Guisan A., Hijmans R. J., Huettmann F., Leathwick J. R., Lehmann A., Li J., Lohmann L. G., Loiselle B. A., Manion G., Moritz C., Nakamura M., Nakazawa Y., Overton J. M., Peterson T. A., Phillips S. J., Richardson K., Scachetti-Pereira R., Schapire R. E., Soberon J., Williams S., Wisz M. S., Zimmermann N. E. 2006. Novel methods improve prediction of species distributions from occurrence data. *Ecography* 29 (2), 129–151.
- Engler R., Guisan A., Rechsteiner L. 2004. An improved approach for predicting the distribution of rare and endangered species from occurrence and pseudoabsence data. *Journal of Applied Ecology* 41 (2), 263–274.
- Fahrig L. 1997. Relative effects of habitat loss and fragmentation on population extinction. *Journal of Wildlife Management* 61, 603– 610.
- Fernaández N and Palomares, F. 2000. The selection of breeding dens by the endangered Iberian lynx (*Lynx pardinus*): implications for its conservation. *Biological Conservation* 94 (2000) 51-61.
- Fiorello C. V., Deem S. L., Gompper M. E. and Dubovi E. J. 2004. Seroprevalence of pathogens in domestic carnivores on the border of Madidi National Park, Bolivia. *Animal Conservation* 7, 45–54.
- Fischer, J. and B. D. Lindenmayer. 2006. Beyond fragmentation: the continuum model for fauna research and conservation in human-modified landscapes. *Oikos* 112: 473–480.
- Floyd. T. J, Mech L. D and Jordan P. A. 1978. Relating wolf scat content to prey consumed. *J Wildl Manage.* 42:528–32.
- Frafjord K. 2003. Ecology and use of arctic fox *Alopex lagopus* dens in Norway: tradition overtaken by interspecific competition?, *Biological Conservation* 111:445-453.
- Frame L. H, Malcolm J. R, Frame G. W and van Lawick H. 1979. Social organization of African wild dogs (*Lycaon pictus*) on the Serengeti Plains. *Zeitschrift für Tierpsychologie*, 50, 225–249.
- Fuller T. K. 1989. Population dynamics of wolves in northcentral Minnesota. *Wildlife Monographs*, 105, 1–41.
- Fuller T. K, Biknevicius B. K, Kat P. W, Van Valkenburgh B and Wayne R. K. 1989. The ecology of three sympatric jackal species in the Rift Valley of Kenya. *Afr. J. Ecol.* 27: 313–323.
- Gardner B., Reppucci J., Lucherini M. and Royle J. A. 2010. Spatially-explicit inference for open populations: estimating demographic parameters from camera-trap studies. *Ecology* 91: 3376–3383.
- Geffen E and Macdonald D. W. 1992. Small size and monogamy: spatial organization of the Blanford's fox, *Vulpes cana*. *Animal Behavior*, 44, 1123–1130.
- Gehring T. M. 2000. Ecology of Mammalian Predators in a Landscape Fragmented by Agriculture. Dissertation, Purdue University, West Lafayette, Indiana.

- Genov P. and Wassiley S. 1989. Der schakal (*Canis aureus* L.) in Bulgarian. Ein Beitrag zur Verbreitung und Biologie. *Zeitschrift für Jagdwissenschaft* 35:145–150.
- Gerber B., Karpanty S. M., Crawford C., Kotschwar M. and Randrianantenaina J. 2010. An assessment of carnivore relative abundance and density in the eastern rainforests of Madagascar using remotely-triggered camera traps. *Oryx* 44: 219-222.
- Gese E. M. and Ruff R. L. 1997. Scent-marking by coyotes, *Canis latrans*: the influence of social and ecological factors. *Animal Behaviour*, 54, 1155–1166.
- Ginsberg J. R. and Macdonald D.W. 1990. Foxes, Wolves, Jackals, and Dogs. An Action Plan for the Conservation of Canids. IUCN / SSC Canid Specialist Group, Gland, Switzerland.
- Golani I. and H. Mendelsohn. 1971. Sequences of precopulatory behaviour of the jackal (*Canis aureus* L.). *Behaviour* 38:169–192.
- Golightly R. T. J. I. and Ohmart. R.D. 1984. Water economy of two desert canids: coyote and kit fox. *J. Mammal.* 65: 51-58.
- Gopaldaswamy A. 2006. Estimating sloth bear abundance from repeated presence absence data in Nagarhole Bandipur National Park. M.Sc dissertation submitted to University of Florida 1-51 pp.
- Gosselink T. E., Deelen T. R., Warner R. E. and Joselyn M. G. 2003. Temporal habitat partitioning and spatial use of coyotes and red foxes in eastcentral Illinois. *Journal of Wildlife Management*. 67: 90–103. doi:10.2307/3803065.
- Goszczynski J. 1974. Studies on the food of foxes. *Acta Theriol* 19: 1–18.
- Goszczynski J. 2002. Home ranges in red fox: territoriality diminishes with increasing area. *Acta Theriol.* 47, 103–114.
- Gupta B. K. 1997. Brown palm civet *Paradoxurus jerdoni*, in Periyar Tiger Reserve, Western Ghats, India. *Small Carnivore Conservation* 16: 30.
- Gupta S. 2011. Ecology of medium and small sized carnivores in Sariska Tiger Reserve, Rajasthan, India. PhD thesis, Saurashtra University, 156 pp.
- Gyllenberg M. and Hanski I. 1992. Single species metapopulation dynamics: a structured model. *Theoretical Population Biology* 42:35–61.
- Gyllenberg M., Hanski I. and Hastings A. 1997. Structured metapopulation models. Pages 93–122 in I. A. Hanski and M. E. Gilpin, editors. *Metapopulation biology*. Academic Press, San Diego, California, USA.
- Habib B. and Kumar S. 2007. Den shifting by wolves in semi-wild landscapes in the Deccan Plateau, Maharashtra, India, *Journal of Zoology* 272:259-265  
habitat fragments. *Nature* 400: 563-566.

- Halliwell E. C. and MacDonald D. W. 1996. American mink *Mustela vison* in the upper thames catchment: relationship with selected prey species and den availability. *Biological Conservation* 76, 51-56.
- Harihar A. Gosh M., Fernandis M., Pandav B. and Goyal S. P. 2010. Use of photographic capture-recapture sampling to estimate density of Striped Hyena (*Hyaena hyaena*): implications for conservation *Mammalia* 74: 83-87.
- Harrington F. H., Mech L. D. and Fritts S. H. 1983. Pack size and wolf pup survival – their relationship under varying ecological conditions. *Behav. Ecol. Sociobiol.* 13, 19–26.
- Harris S. 1981. An estimation of the number of foxes (*Vulpes vulpes*) in the city of Bristol, and some possible factors affecting their distribution. *Journal of Applied Ecology* 18:455–465.
- Hersteinsson P. 1984. *The behavioural ecology of the arctic fox (Alopex lagopus) in Iceland*. D.Phil. dissertation, University of Oxford, UK.
- Hersteinsson P and Macdonald D. W. 1982. Some comparisons between red and arctic foxes, *Vulpes vulpes* and *Alopex lagopus*, as revealed by radiotracking. *Symposium of Zoological Society of London*, 49, 259–289.
- Hewson R. 1986. Distribution and density of fox breeding dens and the effects of management. *Journal of Applied Ecology* 23, 531-538.
- Hines T. D. and R. M. Case. 1991. Diet, home range, movements, and activity periods of swift fox in Nebraska. *Prairie Naturalist* 23(3):131–138.
- Hirzel A. H., Hausser J., Chessel D. and Perrin N. 2002. Ecological-Niche Factor Analysis: how to compute habitat-suitability maps without absence data?. *Ecology*, 83(7), 2002, pp. 2027–2036.
- Hirzel A. H. and Guisan A. 2002. Which is the optimal sampling strategy for habitat suitability modelling. *Ecological Modelling* 157 (2–3), 331–341.
- Hirzel A. H., Hausser J. and Perrin N. 2004. Biomapper 3.1. Lab. of Conservation Biology, Department of Ecology and Evolution, University of Lausanne. URL: <http://www.unil.ch/biomapper>.
- Horne J. S., Garton E. O. and Rachlow J. L. 2008. A synoptic model of animal space use: simultaneous estimation of home range, habitat selection, and inter/intra-specific relationships. *Ecol. Model.* 214, 338–348.
- Hutchinson G. E. 1957. Concluding remarks. Cold Spring Harb. *Symposia on Quantitative Biology* 22: 415–427.
- IDRISI Selva: Eastman J.R., 2012. IDRISI Selva (Worcester, MA: Clark University).
- Jackson V. L. and Choate J. R. 2000. Dens and den sites of the swift fox, *Vulpes velox*. *Southwestern Naturalist* 45(2): 212–220.

- Jaedger M. M., Pandit R. K. and Haque E. 1996. Seasonal differences in territorial behavior by golden jackals in Bangladesh: Howling versus confrontation. *J. Mammal* 77: 768–775.
- Jaeger M. M., Sultana P and Haque E. 2001. Golden jackals in intensively cultivated areas of Bangladesh: daring dacoits or rat control wallahs? In: Abstracts of the Canid Biology and Conservation Conference, No pagination. (Eds C. S. Zubiri and D. W. Macdonald), *University of Oxford, Oxford, UK*.
- Jaeger M. M., Pandit R. K. and Haque E. 1996. Seasonal differences in territorial behavior by golden jackals in Bangladesh: Howling versus confrontation. *Journal of Mammalogy* 77:768–775.
- Jennelle C. S., Runge M. C. and MacKenzie D. I. 2002. The use of photographic rates to estimate densities of tigers and other cryptic mammals: A comment on misleading conclusions. *Animal Conservation* 5: 119–120.
- Jerdon T. C. 1874. *The mammals of India: natural history*. John Wheldon, London, UK.
- Jethva B. D and Jhala Y. V. 2004. Computing Biomass Consumption from Prey Occurrences in Indian Wolf Scats. *J. Zoo Biology*. 23:513–520.
- Jia J., Xiao Q, Xu L. and Ma H. 1991. A primary observation of the red fox dens. *Acta Theriol. Sin.* 11, 266–269.
- Jiménez-Valverde A., Lobo J. M, Hortal J. 2008b. Not as good as they seem: the importance of concepts in species distribution modelling. *Diversity and Distributions* 14 (6), 885–890.
- Johnsingh A. J. T. 1982. Reproductive and social behaviour of the dhole, *Cuon alpinus* Canidae. *Journal of Zoology London*, 198, 443–463.
- Johnsingh A. J. T. 1985. Distribution and status of dhole *Cuon alpinus* Pallas, 1811 in South Asia. *Mammalia* 49:203–208.
- Johnson M. K and Aldred D. R. 1982. Mammalian prey digestibility by bobcats. *Jouranl of Wildlife Management* 46: 530.
- Johnson D. D. P., Kays R., Blackwell P. G. and Macdonald D. W. 2002. Does the resource dispersion hypothesis explain group living?. *Trends Ecol. Evol.* 17, 563–570.
- Johnson D. H. 1980. The comparison of usage and availability measurements for evaluating resource preference. *Ecology* 61, 65–71.
- Johnson W. E, Fuller T. K. and Franklin W. L. 1996. Sympatry in canids: a review and assessment. Pp. 189– 218 in J.L. Gittleman, ed. *Carnivore behavior, ecology, and evolution*. Cornell University Press, Ithaca, New York, USA.



- Kalle R., Ramesh T., Qureshi Q., Sankar K. 2013. Predicting the Distribution Pattern of Small Carnivores in Response to Environmental Factors in the Western Ghats. *PLoS ONE* 8(11): e79295. doi:10.1371/journal.pone.0079295.
- Kalle R., Ramesh T., Qureshi Q. and Sankar K. 2011. Density of tiger and leopard in a tropical deciduous forest of Mudumalai Tiger Reserve, southern India, as estimated using photographic capture–recapture sampling. *Acta Theriologica* 56: 335–342.
- Karanth K. U., Nichols J. D., Kumar N. S., Link W. A. and Hines J. E. 2004. Tigers and their prey: predicting carnivore densities from prey abundance. *Proc. Natl. Acad. Sci. USA* 14: 4854–4858pp.
- Kareiva P. and Wennergren U. 1995. Connecting landscape patterns to ecosystems and population processes. *Nature* 373, 299–302.
- Ke'ry M. 2000. Ecology of small populations. Dissertation. University of Zurich, Zurich, Switzerland.
- Kingdon J. 1997. *The Kingdon field guide to African mammals*. Academic Press, London, UK.
- Kitchener A. 1991. *The Natural history of the Wild cats*. London: Christopher Helm Publishers.
- Kleiman D. G. 1977. Monogamy in mammals. *The Quarterly Review of Biology*, 52, 39–69.
- Kleiman D. G. and Malcolm J. R. 1981. The evolution of male parental investment in mammals. In DJ Gubernick and PH Klopfer (eds), *Parental care in mammals*, pp. 347–387, Plenum Press, New York, USA.
- Kotwal P. C., Sharma B. C and Pandey D. K. 1991. Immobilization and radiocollaring of golden jackal (*Canis aureus* Linn.). *Zoos' Print* 33–34
- Krebs C. J. 1989. Niche overlaps and diet analysis. In: *Ecological Methodology*, (ed. C. Krebs), p. 654. Harper & Row, New York.
- Kruuk H. and Macdonald D. W. 1985. Group territories of carnivore: empires and enclaves. In: *Behavioural Ecology. Ecological Consequences of Adaptive Behaviour* (Eds R.M. Sibly and R.H. Smith). Blackwell Scientific Publications, Oxford.
- Krystufek B., Murariu D. and Kurtonur C. 1997. Present distribution of the Golden Jackal *Canis aureus* in the Balkans and adjacent regions. *Mammal Rev.* 27(2): 109-114.
- Kuhne W. 1965. Communal food distribution and division of labour in African hunting dogs. *Nature*, 205, 443–444.
- Lacerda A., Tomas W. and Marinho-Filho J. 2009. Domestic dogs as an edge effect in the Brası'lia National Park, Brazil: interactions with native mammals. *Animal Conservation*, 12, 477–487.

- Lancia R. A., Nichols J. D. and Pollock K. H. 1994. Estimating the number of animals in wildlife populations. Pages. 215-253. In: Research and management techniques for wildlife and habitats. (ed. T.A. Bookhout). The Wildlife Society, Bethesda (Md.).
- Lantschner M. V., Rusch V. and Hayes J. P. 2012. Habitat use by carnivores at different spatial scales in a plantation forest landscape in Patagonia, Argentina. *Forest Ecology and Management*. 269: 271–278.
- Latham R. M. 1951. The ecology and economics of predator management. Pa. Game Comm., Pittman-Robertson Proj. 36-R. 96pp.
- Laurance W. F. 1995. Extinction and survival of rainforest mammals in a fragmented tropical landscape. In: Lidicker Jr., W.Z. (Ed.), *Landscape Approaches in Mammalian Ecology and Conservation*. University of Minnesota Press, Minneapolis, pp. 46–63.
- Laurenson M. K. 1995a. Behavioural costs and constraints of lactation in free-living cheetahs. *Animal Behavior* 50, 815 - 826.
- LeBras H. 1971. Equilibre et croissance des populations soumises a des migrations. *Theoretical Population Biology* 2:100–121.
- Lebreton J. D. 1996. Demographic models for subdivided populations: the renewal equation approach. *Theoretical Population Biology* 49:291–313.
- Lebreton J. D., Khaladi M. and Grosbois V. 2000. An explicit approach to evolutionary stable dispersal strategies: no cost of dispersal. *Mathematical Biosciences* 165:163–176.
- Levins R. 1969. Some demographic and genetic consequences of environmental heterogeneity for biological control. *Bulletin of the Entomological Society of America* 15:237–240.
- Levins R. 1970. Extinction. Pages 77–107 in M. Gerstenhaber, editor. *Some mathematical questions in biology*. Volume II. American Mathematical Society, Providence, Rhode Island, USA.
- Levin S. A. 1992. The problem of pattern and scale in ecology. *Ecology* 73: 1943-1967.
- Lidicker Jr W. Z. and Koenig W. D. 1996. Responses of terrestrial vertebrates to habitat edges and corridors. In: McCullough, D.R. (Ed.), *Metapopulations and Wildlife Conservation*. Island Press, Washington, DC, pp. 85–109.
- Lindström E., Brainerd S. M., Helldin J. O. and Overskaug K. 1995. Pine marten—red fox interactions: a case of intraguild predation? *Annales Zoologici Fennici* 32(1):123–130.

- List R and Macdonald D. W. 2003. Home range and habitat use of the kit fox (*Vulpes macrotis*) in a prairie dog (*Cynomys ludovicianus*) complex. *Journal of Zoology London*, 259, 1–5.
- Little R. M. and Crowe T. M. 1998. Habitat fragmentation limits the distribution of Cape francolin, *Francolinus capensis*, on deciduous fruit farms in South Africa. *African Journal of Ecology* 36, 140–147.
- Lloyd H. G. 1980. *The red fox*. B.T. Batsford, London, UK.
- Lockie J. D. 1959. The estimation of the food of foxes. *Journal of Wildlife Management*. 23(2):224-227.
- Lovari S., Lucherini M. and Crema G. 1996. Individual variations in diets, activity and habitat use of red foxes in a Mediterranean rural area. *Journal of Wildlife Research*. 1, 24–31.
- Loveridge A. J. and Macdonald D. W. 2001. Seasonality in spatial organization and dispersal of sympatric jackals (*Canis mesomelas* and *C. adustus*): implications for rabies management. *Journal of Zoology London*, 253, 101–111.
- Loveridge A. J. and Macdonald D. W. 2003. Niche separation in sympatric jackals (*Canis mesomelas* and *Canis adustus*). *Journal of Zoology* 259: 143–153.
- MacKinnon J. and Mac Kinnon K. 1974. *Animals of Asia. The ecology of the oriental region*. New York: H. Rhinehart and Winston.
- MacArthur R. H and Pianka E. R. 1966: On the optimal use of a patchy environment. *American Naturalist*. 100: 603–609.
- Macdonald D. W. 1977a. On food preference in the red fox. *Mammal Review*, 7, 7–23.
- Macdonald D. W. 1979a. “Helpers” in fox society. *Nature London*, 282, 69–71.
- Macdonald D. W. 1979c. The flexible social system of the golden jackal, *Canis aureus*. *Behavioural Ecology and Sociobiology*, 5, 17–38.
- Macdonald D. W. 1981. Resource dispersion and the social organisation of the red fox (*Vulpes vulpes*). In JA Chapman and D Pursley (eds), *The first international worldwide furbearer conference*, pp. 918–949. Frostburg, Maryland, USA.
- Macdonald D. W. 1983. The ecology of carnivore social behaviour. *Nature*, 301, 379–384.
- Macdonald D. W. 1992b. *The velvet claw: a natural history of the carnivores*. BBC Books, London, UK.
- Macdonald D. W. 1996b. Social behaviour of captive bush dogs (*Speothos venaticus*). *Journal of Zoology London*, 239, 525–543.

- Macdonald D. W. and Carr G. M. 1995. Variation in dog society: between resource dispersion and social flux. In J Serpell (ed), *Biology of the domestic dog*, pp. 199–210. Cambridge University Press, Cambridge, UK.
- Macdonald D. W. and Courtenay O. 1996. Enduring social relationships in a population of crab-eating zorros, *Cerdocyon thous*, in Amazonian Brazil (Carnivora, Canidae). *Journal of Zoology London*, 239, 329–355.
- Macdonald D. W. and Moehlman P. D. 1982. Co-operation, altruism, and restraint in the reproduction of carnivores. In PPG Bateson and P Klopfer (eds), *Perspectives in ethology*, 5, 433–467. Plenum Press, New York, USA.
- Macdonald D. W. and Sillero-Zubiri C. 2004b. Wild canids – an introduction and dramatis personae. Pp. 3– 36 in D.W. Macdonald and C. Sillero-Zubiri, eds. *The biology and conservation of wild canids*. Oxford University Press, Oxford, UK.
- Macdonald D. W. and Sillero-Zubiri C., eds. 2004a. *The biology and conservation of wild canids*. Oxford University Press, Oxford, UK.
- Macdonald D. W., Courtenay O., Forbes S. and Mathews F. 1999. The red fox (*Vulpes vulpes*) in Saudi Arabia: loose-knit groupings in the absence of territoriality. *Journal of Zoology*. (Lond.) 249, 383–391.
- Mackenzie D. I. and Nichols J. D. 2004. Occupancy as a surrogate for abundance estimation. *Animal Biodiversity and Conservation* 27: 461–467.
- Mackenzie D. I., Nichols J. D., Lachman G. B., Droege S., Royle J. A. and Langtimm C. A. 2002. Estimating site occupancy rates when detection probabilities are less than one. *Ecology* 83: 2248–2255.
- MacKenzie D. I., Nichols J. D., Royle J. A., Pollock K. P., Bailey L. L. and Hines J. E. 2006. Occupancy estimation and modeling: inferring patterns and dynamics of species occurrence. Academic Press, San Diego, California, USA.
- Macpherson A. H. 1969. The dynamics of Canadian arctic fox populations. Canadian Wildlife Service Report Series No. 8. 52 p.-. 1970. Situation report on Canadian arctic fox research. International Union for Conservation of Nature and Natural Resources Publication, New Series 16:33-41. Morges.
- Maffei L., Cuellar E. and Noss A. 2004. One thousand jaguars (*Panthera onca*) in Bolivian Chaco? Camera trapping in the Kaa-Iya National Park. *Journal of Zoology* (London) 262: 295–304.
- Magurran A. E. 2004. Measuring Biological Diversity. Blackwell Publishing, Malden, MA.
- Mani M. S. 1974. Biogeographical evolution in India. In M.S Mani (eds). Ecology and Biogeography of India. The Hague: Dr. W. Junk, B.V publishers.

- Mannan R. W. and Boal C. W. 2000. Home range characteristics of male Cooper's Hawks in an urban environment. *Wilson Bulletin*. 112:21–27.
- McArdle B. H. 1990. When are rare species not there? *Oikos* 57:276–277.
- McCune B. and Mefford M. J. 2011. PC-ORD. Multivariate Analysis of Ecological Data. Version 6. MjM Software, Glenden Beach, Oregon, U.S.A.
- Mcgarigal K. and Cushman S. A. 2002. Comparative evaluation of experimental approaches to the study of habitat fragmentation effect. *Ecol. Appl.* 12, 335–345.
- Mech L. D. 1970. The wolf: the ecology and behavior of an endangered species. Natural History Press, Doubleday, New York, USA.
- Mech L. D. 1993. Details of a confrontation between two wild wolves. *Canadian Journal of Zoology*, 71, 1900–1903.
- Mech L. D. 1994. Buffer zones of territories of gray wolves as regions of intraspecific strife. *Journal of Mammalogy*, 75, 199–202.
- Mech L. D. 1970. The wolf: ecology and behavior of an endangered species. *Minneapolis: University of Minnesota Press*. 384 p.
- Meia J. S. and Weber J. M. 1992. Characteristics and distribution of breeding dens of the red fox (*Vulpes vulpes*) in a mountainous habitat. *Z. Saugetierk.* 57, 137–143.
- Menon V. 2003. A Field Guide to Indian Mammals. Handbook, Dorling Kindersley (India) Pvt. Ltd. 201 pages.
- Sargeant A. B., Allen S. H. and Eberhardt R. T. 1983. Red fox predation on breeding ducks in Mid continent North America. *Wildlife Monographs* Number 89.
- Moehlman P. D. 1983. Socioecology of silverbacked and golden jackals (*Canis mesomelas* and *Canis aureus*). In JF Eisenberg and DG Kleiman (eds), *Recent advances in the study of mammalian behavior*, pp. 423–453. American Society of Mammalogists, Lawrence, KS, USA.
- Moehlman P. D. 1986. Ecology of cooperation in canids. In DI Rubenstein and RW Wrangham (eds), *Ecological aspects of social evolution: birds and mammals*, pp. 64–86. Princeton University Press, Princeton, NJ, USA.
- Moehlman P. D. 1989. Intraspecific variation in canid social systems. In JL Gittleman (ed), *Carnivore behavior, ecology, and evolution*, pp. 164–182. Cornell University Press, Ithaca, NY, USA.
- Moehlman P. D. and Hofer H. 1997. Cooperative breeding, reproductive suppression and body mass in canids. In NG Solomon and JA French (eds), *Cooperative breeding in mammals*, pp. 76–128. Cambridge University Press, Cambridge, UK.
- Mondal K., Sankar K. and Qureshi Q. 2013. Factors influencing the distribution of leopard in a semiarid landscape of Western India. *Acta Theriologica*. 58:179–187.

- Moore G. C. and Parker G. R. 1992. Colonization by the eastern coyote (*Canis latrans*). Pp. 23–37 in A. Boer, ed. *Ecology and management of the eastern coyote*. Wildlife Research Unit, University of New Brunswick, Fredericton, Canada.
- Morrell S. 1972. Life history of the San Joaquin kit fox. *California Fish and Game* 58:162–174.
- Morris D. W., Davidso D. L. and Krebs C. J. 2000. Measuring the ghost of competition: insights from density-dependent habitat selection on the coexistence and dynamics of lemmings. *Evolutionary Ecology Research* 2:41–67.
- Morruzzi T. L., Fuller T. K., DeGraaf R. M., Brooks R. T. and Li. W. 2002. Assessing remotely triggered cameras from surveying carnivore distribution. *Wildlife Society Bulletin* 30: 380–386.
- Mukherjee S. 1989. Ecological separation of three sympatric carnivores in Keoladeo Ghana National Park, Rajasthan, India. MSc dissertation, Saurashtra University, Rajkot.
- Mukherjee S. 1998. Habitat use in sympatric small carnivores in Sariska Tiger Reserve, Rajasthan, Western India. PhD thesis, University of Saurashtra, Biosciences department, India.
- Nakazono T. and Ono Y. 1987. Den distribution and den use by the red fox (*Vulpes vulpes*) japonica in Kyushu (Japan). *Ecol. Res.* 2, 265–278.
- Neal E. 1986. Badgers. Beckenham, Croom Helm.
- Negroes N., Sarmiento P., Cruz J., Eira C., Revilla E., Fonseca C., Sollmann R., Tôrres N. M., Furtado M. M., Ja'como A. T. A. and Silveira L. 2010. Use of camera-trapping to estimate puma density and influencing factors in central Brazil. *Journal of Wildlife Management* 74: 1195–1203.
- Nelson J. L., Cypher B. L., Bjurlin C. D. and Creel S. 2007. Effects of habitat on competition between kit foxes and coyotes. *Journal of Wildlife Management*. 71, 1467–1475.
- Newton P. N. 1985. A note on golden jackals (*Canis aureus*) and their relationship with langurs (*Presbytis entellus*) in Khana Tiger Reserve. *Journal of the Bombay Natural History Society*. 82:633–635.
- Nichols J. D., Hines J. E., Sauer J. R., Fallon F. W., Fallon J. E. and Heglund P. J. 2000. A double-observer approach for estimating detection probability and abundance from point counts. *Auk*. 117: 393–408.
- Nielsen S. M., Pedersen V., Klitgaard B. B. 1994. Arctic fox (*Alopex lagopus*) dens in the Disko Bay Area, West Greenland. *Arctic*. 47, 327–333.
- Nupp T. E. and Swihart R. K., 2000. Landscape-level correlates of small mammal assemblages in forest fragments of farmland. *Journal of Mammalogy* 81, 512–526.

- O'Neal G. T., Flinders J. T. and Clary W. P. 1987. Behavioral ecology of the Nevada kit fox (*Vulpes macrotis nevadensis*) on a managed desert rangeland. Pp. 443–481 in H.H. Genoways, editor. *Current Mammalogy*, Volume 1. Plenum Press, New York, New York.
- O'Brien T. G., Kinnaird M. F. and Wibisono H. T. 2003. Crouching tigers, hidden prey: Sumatran tiger and prey populations in a tropical forest landscape. *Animal Conservation* 6: 131–139.
- Orians G. H., and Pearson N. E. 1979. On the theory of central place foraging. In: Horn, D.J., Mitchell, R., Stair, G.R. (Eds.), *Analysis of Ecological Systems*. Ohio State Univ. Press, Columbus, pp. 155-177.
- Packard J. M., Mech L. D. and Seal U. S. 1983. Social influences on reproduction in wolves. In LN Carbyn (ed), *Wolves in Canada and Alaska: their status, biology and management*, pp. 78–85. Canadian Wildlife Service, Edmonton, Canada.
- Palomares E. and Caro T. M. 1999. Interspecific killing among mammalian carnivores. *American Naturalist* 153:492–508.
- Pearson O. P. 1964. Carnivore mouse predation: an example of its intensity and bioenergetics. *Journal of Mammalogy*. 45:177–188.
- Pearson R. G., Raxworthy C. J., Nakamura M. and Peterson A. T. 2007. Predicting species distributions from small numbers of occurrence records: a test case using cryptic geckos in Madagascar. *Journal of Biogeography*. 34: 102-117.
- Pereira G. B., Valente V., deQueiroz M. S., Vianna M. C., Paçó-Larson M. L. 2011. Overexpression of kermit/dGIPC is associated with lethality in *Drosophila melanogaster*. *Brazilian Journal of med. Biological Research*. 44(4): 283--290. (Export to RIS)
- Pereira J. A. 2009. Efectos del manejo ganadero y disturbios asociados sobre la ecología trófica y espacial y la demografía del gato monte's (*Leopardus geoffroyi*) en el desierto del Monte, Argentina. PhD thesis, Universidad de Buenos Aires.
- Peters R. P. and Mech L. D. 1975. Scent-marking in wolves. *American Scientist*. 63, 628–637.
- Phillips S. J, Dudik M, J. Elith, Graham C. H, Lehmann A, Leathwick J, and S. Ferrier. 2009. Sample selection bias and presence-only distribution models: implications for background and pseudo-absence data. *Ecological Applications*. 19: 181–197.
- Phillips S. J., Anderson R. P., Schapire R. E. 2006. Maximum entropy modeling of species geographic distributions. *Ecological Modelling*. 190 (3–4), 231–259.
- Pouche R. M., Evans S. J., Sultana P., Haque M. E., Stemer R. and Siddique M. A. 1987. Notes on the golden jackal in Bangladesh. *Mammalia*. 51: 259–270.

- Prakash I. 1995. Invasion of peninsular small mammals towards the Aravalli ranges and the Thar desert. *International Journal of Ecology and Environmental Science*. 21: 17–24.
- Prakash I., Singh P. and Saravanan S. 1995. Ecological distribution of small mammals in the Aravalli ranges. *Proc. Indian Natn. Sci. Acad.* 61B: 137–148.
- Prestrud P. 1992. Physical characteristics of Arctic fox (*Alopex lagopus*) dens in Svalbard. *Arctic*, 45: 154–158.
- Prestrud P. 1992. Physical characteristics of arctic fox (*Alopex lagopus*) dens in Svalbard. *Arctic* 45, 154–158.
- Karanth K. U., Nichols J. D., Kumar N. S., Link W. A. and Hines J. E. 2004. Tigers and their prey: predicting carnivore densities from prey abundance. *Proc. Natl. Acad. Sci. USA* 14: 4854–4858pp.
- Prugh L., Stoner C., Epps C., Bean W., Ripple W., Laliberte A. and Brashares J. 2009. The rise of the mesopredator. *BioScience*. 59, 779– 791.
- Pruss S. D. 1999. Selection of natal dens by the swift fox (*Vulpes velox*) on the Canadian prairies. *Canadian Journal of Zoology* 77:646–652.
- Punjabi G. A., Chellam R., Vanak A.T. 2013. Importance of Native Grassland Habitat for Den-Site Selection of Indian Foxes in a Fragmented Landscape. *PLoS ONE* 8(10): e76410. doi:10.1371/journal.pone.0076410
- Ralls K., and White P. J. 1995. Predation on San Joaquin kit foxes by larger canids. *Journal of Mammalogy*. 76:723–729.
- Ramesh T. 2010. Prey selection and food habits of large carnivores: tiger *Panthera tigris*, leopard *Panthera pardus* and dhole *Cuon alpinus* in Mudumalai Tiger
- Redpath S. M., 1995. Habitat fragmentation and the individual: tawny owls *Strix aluco* in woodland patches. *Journal of Animal Ecology*. 64, 652–661.
- Mac Kinnon J and K. Mac-Kinnon. 1974. *Animals of Asia. The ecology of the oriental region.* New York: H. Rhinehart and Winston.
- Reid F. A. 1997. *A field guide to the mammals of central America and southeast Mexico.* Oxford University Press, Oxford, UK.
- Reynolds J. C. and Aebischer N. J. 1991. Comparison and quantification of carnivore diet by faecal analysis: a critique, with recommendations, based on a study of the fox *Vulpes vulpes*. *Mammal Rev* 21: 97–122.
- Riley S. P. D., Hadidian J. and Manski D. M.. 1998. Population density, survival, and rabies in raccoons in an urban national park. *Canadian Journal of Zoology* 76:1153–1164.
- Ritchie E. and Johnson C. 2009. Predator interactions, mesopredator release and biodiversity conservation. *Ecology Letters*, 12, 982–998.



- Rodrick. P. J. and Mathews N. E. 1999. Characteristics of natal and non-natal kit fox dens in the northern Chihuahuan Desert. *Great Basin Nat.* 59: 253-258.
- Roemer G.W., Smith D. A., Garcelon D. K. and Wayne R. K. 2001b. The behavioural ecology of the island fox (*Urocyon littoralis*). *Journal of Zoology London*, 255, 1–14.
- Roemer G., Gompper M. and Van Valkenburgh B. 2009. The ecological role of the mammalian mesocarnivore. *Bioscience* 59:165-173.
- Rogers A. 1966. The multiregional matrix growth operator and the stable interregional age structure. *Demography* 3: 537–544.
- Rosevear D. R. 1974. *The carnivores of West Africa*. British Museum (Natural History), London, UK.
- Rothman R. J and Mech L. D. 1979. Scent-marking in lone wolves and newly formed pairs. *Animal Behaviour*, 27, 750–760.
- Rovero F. and Marshall A. R. 2009. Camera trapping photographic rate as an index of density in forest ungulates. *Journal of Applied Ecology* 46: 1011–1017.
- Royle J. A. and Nichols J. D. 2003. Estimating abundance from repeated presence-absence data or point counts. *Ecology*. 84: 777-790.
- Royle J. A. 2004. N-mixture models for estimating population size from spatially replicated counts. *Biometrics*. 60: 108-115.
- Royle J. A., Kéry M., Gautier R. and Schmid H. 2007. Hierarchical spatial models of abundance and occurrence from imperfect survey data. *Ecological Monographs* 77, 465–481.
- Royle J. A. 2008. Hierarchical modeling of cluster size in wildlife surveys. *Journal of Agricultural, Biological, and Environmental Statistics* 13, 23 – 36.
- Ruggiero L. F., Pearson D. E., Henry S. E. 1998. Characteristics of American marten den sites in Wyoming. *Journal of Wildlife Management* 62, 663 - 673.
- Sargeant A. B., Allen S. H., Hastings J. O. 1987. Spatial relations between sympatric coyotes and red foxes in north Dakota. *Journal of Wildlife Management* 51: 285 – 293. doi:10.2307/3801004.
- Sargeant A. B., Allen S. H. and Eberhardt R. T. 1983. Red fox predation on breeding ducks in midcontinent North America. *Wildlife Monographs*. Number 89.
- Schmidt K., Nakanishi N., Okamura M., Doi T. and Izawa M. 2003. Movements and use of home range in the Iriomote cat (*Prionailurus bengalensis irimotensis*). *Journal of Zoology (London)* 261: 273-283.
- Schoen R. 1988. Modeling multigroup populations. Plenum Press, New York, New York, USA.

- Scott T. G. 1941. Methods and computation in fecal analysis with reference to the red fox. *Iowa State Coll. J. Sci.*, 15: 279-285.
- Seber G. A. F. 1982. The estimation of animal abundance and related parameters, Second edn. Charles Griffin, London, UK.
- Seth J., Wenger and Mary Freeman C. 2008. Estimating species occurrence, abundance, and detection probability using zero-inflated distributions. *Ecology* 89:2953–2959.
- Sharma V. D. and Sankhala K. 1984. Vanishing cats of Rajasthan. In *The plight of cats*: 117–135. Proceedings of the meeting and workshop of the IUCN/SSC Cat Specialist Group, Madhya Pradesh, India.
- Sheldon J. W. 1992. *Wild dogs: the natural history of the non-domestic Canidae*. Academic Press, Chicago, IL, USA.
- Sillero-Zubiri C. and Gottelli D. 1995b. Spatial organization in the Ethiopian wolf *Canis simensis*—large packs and small stable home ranges. *Journal of Zoology*, 237, 65–81.
- Sillero-Zubiri C., Gottelli D. and Macdonald D. W. 1996a. Male philopatry, extra-pack copulations and inbreeding avoidance in Ethiopian wolves (*Canis simensis*). *Behavioral Ecology and Sociobiology*, 38, 331–340.
- Sillero-Zubiri C. and Gottelli D. 1995. Diet and feeding behavior of Ethiopian wolves (*Canis simensis*). *Journal of Mammalia*. 76: 531–541.
- Sillero-Zubiri C., Hoffmann M. and Macdonald D.W. (eds). 2004. *Canids: Foxes, Wolves, Jackals and Dogs. Status Survey and Conservation Action Plan*. IUCN/SSC Canid Specialist Group. Gland, Switzerland and Cambridge, UK. x + 430 pp.
- Skinner J. D. and Smithers R. H. N. 1990. *Mammals of the southern African sub-region*, 2nd Edition. University of Pretoria Press, Pretoria, South Africa.
- Smits C. M. M. and Slough B.G. 1988. Counting arctic fox (*Alopex lagopus*) dens by stratified random block sampling with a correction for visibility bias. Unpubl. report, Yukon Fish and Wildlife Branch, Whitehorse. 15 p. Available at Yukon Department of Renewable Resources, Box2 703, Whitehorse, Yukon Territory, Canada Y1A 2C6.
- Smits C. M. M., Smith. C. A. S. and Slough B. G. 1988. Physical characteristics of Arctic foxes (*Alopex lugopus*) dens in Northem Yukon Territory Canada. *Arctic*, 41: 12-16.
- Solow A. R. 1993. Inferring extinction from sighting data. *Ecology* 74:962–964.
- Soulé M. E., Bolger D. T., Alberts A. C., Sauvajot R., Wright J., Soricice M., and S. Hill. 1988. Reconstructed dynamics of rapid extinctions of chaparral-requiring birds in urban habitat islands. *Conservation Biology* 2: 75-92.
- Sovada M. A., Sargeant A. B. and Grier J. W. 1995. Differential effects of coyotes and red foxes on duck nest success. *Journal Wildlife Manage* 59: 1-9.

- Spaulding R. L., Krausman P. R., Ballard W. B. 1997. Calculation of prey biomass consumed by wolves in northwest Alaska. *Journal Wildlife Reserch*. 2:128–32.
- SPSS, 2007. SPSS for Windows. Version 16.0. SPSS, Chicago, IL, USA.
- Srbek-Araujo A. and Chiarello A. 2008. Domestic dogs in Atlantic forest preserves of south-eastern Brazil: a camera-trapping study on patterns of entrance and site occupancy rates. *Brazilian Journal of Biology*, 68, 771–779.
- Stanford C. B. 1989. Predation on capped langurs (*Presbytis pileata*) by cooperatively hunting jackals (*Canis aureus*). *American Journal of Primatology* 19:53–56.
- Stockwell D. and Peters D. 1999. The GARP modelling system: problems and solutions to automated spatial prediction. *International Journal of Geographical Information Science* 13 (2), 143–158.
- Tannerfeldt M., Moehrensclager A., Angerbjörn A. 2003. Den ecology of swift, kit and Arctic foxes: A Review. In: MA SovadaLN Carbyn. Ecology and conservation of swift foxes in a changing world. University of Regina, Canadian Plain Research Centre. pp. 167-181
- Taylor P. D., Fahrig L., Heinen K. and Merriam G. 1993. Connectivity is a vital element of landscape structure. *Oikos* 68, 571–573.
- Terborgh J., Estes J. A., Paquet P., Ralls K., Boyd-Heger D., Miller D. J. and Noss R. F. 1999. The role of top carnivores in regulating terrestrial ecosystems. *Continental Conservation: scientific foundations of regional reserve networks*. M.E. Soulé and J. Terborgh, (eds). Island Press. Washington, D.C 39-64pp.
- Thomas L., Laake J. L., Strindberg S., Marques F. F. C., Buckland S. T., Borchers D. L., Anderson D. R., Burnham K. P., Hedley S. L. and Pollard J. H. 2009. Distance 6.0, Release 2. UK: Research Unit for Wildlife Population Assessment, University of St. Andrews.
- Thompson W. L. 2004. Sampling rare or elusive species: concepts, designs, and techniques for estimating population parameters. Island Press, Washington, D.C.
- Thurber J. M., Peterson R. O., Woolington J. D. and Vucetich J. A. 1992. Coyote coexistence with wolves on the Kenai Peninsula, Alaska. *Canadian Journal of Zoology* 70(12):2494– 2498.
- Ciucci P., Boitani L., Pelliccioni E. R., Rocco M., Guy I. 1996. A comparison of scat analysis methods to assess the diet of the wolf *Canis lupus*. *Wildlife Biology* 2:37–48.
- Treves A., Mwina P., Plumptre A. J. and Isoke S. 2010. Camera trapping forest wood land wildlife of western Uganda reveal show gregariousness biases Estimates of relative abundance and distribution. *Biological Conservation*. 143 521–528.
- Vanak A. T. and Gompper M. E. 2010. Interference competition at the landscape level: the effect of free-ranging dogs on a native mesocarnivore. *Journal Applied Ecology* 47: 1225-1232. doi:10.1111/j. 1365-2664.2010.01870.x.

- Vanak A. T. and Gompper M. E. 2009 b. Dogs *Canis familiaris* as carnivores: their role and function in intraguild competition. *Mammal Review* 39, 265– 283.
- Vander Meer. J. and Ens B. J. Models of interference and their consequences for the spatial distribution of ideal and free predators. *Journal of Animal Ecology*, 846-858.
- Vehrencamp S. L. 1983. A model for the evolution of despotic versus egalitarian societies. *Animal Behaviour*, 31, 667–682.
- Wachter B., Blanc A. S., Melzheimer J., Honer O. P., Jago M. 2012 An Advanced Method to Assess the Diet of Free-Ranging Large Carnivores Based on Scats. *PLoS ONE* 7(6): e38066. doi:10.1371/journal.pone.0038066
- Wang X. and Tedford R. H. 1994. Basicranial anatomy and phylogeny of primitive canids and closely related miacids (Carnivora: Mammalia). *American Museum Novitates* 3092:1–34.
- Wayne R. K., Geffen E., Girman D. J., Koepfli K. P., Lau L. M. and Marshall C. R. 1997. Molecular systematics of the Canidae. *Systematic Biology*. 46: 622– 653.
- Weaver J. L. and S. W. Hoffman. 1979. Differential detectibility of rodents in coyote scats *Journal Wildlife Management*. 43: 783-786.
- Weaver J. L. 1977. Coyote-food base relationships in Jackson Hole, Wyoming. *M. S. Thesis*. Utah State Univ., Logan. 98pp.
- Weaver J. L. 1993. Refining the equation for interpreting prey occurrence in gray wolf scats. *Journal Wildlife Management*. 57:534–8.
- Weber D. 1989. The ecological significance of resting sites and the seasonal habitat change in polecats (*Mustela putorius*). *Journal of Zoology* 217, 629 - 638.
- Wells M. C. and Bekoff M. 1982. Predation by wild coyotes: behavioral and ecological analyses. *Journal of Mammalogy*, 63, 118–127.
- White G. C. and Burnham K. P. 1999. Program MARK: survival estimation from populations of marked animals. *Bird Study*. 46 Supplement: 120-138.
- White P. J. and Ralls K. 1993. Reproduction and spacing patterns of kit foxes relative to changing prey availability. *Journal of Wildlife Management* 57(4):861–867.
- White P. J. and Garrott R. A. 1997. Factors regulating kit fox populations. *Canadian Journal of Zoology* 75:1982–1988.
- White G. C., Anderson D. R., Burnham K. P. and Otis D. L. 1982. *Capture-recapture and removal methods for sampling closed populations*. Los Alamos National Laboratory, LA-8787-NERP, Los Alamos, New Mexico, USA.

- Whiteman C., Matushima E., Cavalcanti Confalonieri U., Palha M., da Silva A. and Monteiro V. 2007. Human and domestic animal populations as a potential threat to wild carnivore conservation in a fragmented landscape from the Eastern Brazilian Amazon. *Biological Conservation*, 138, 290–296.
- Whitford W. G. and Fenton K. R. 1999. Bioperturbation by mammals in desert: a review. *Journal of Arid Environ.* 41, 203–230.
- Williams B. K., Nichol J. D. and Conroy M. J. 2002. Analysis and management of animal populations. Academic Press, San Diego, California, US.
- Wilson D. E. and Reeder D. M. 1993. Mammal Species of the World: A Taxonomic and Geographic Reference. Smithsonian Institution Press, Washington, DC.
- Woodroffe R. and Ginsberg J. R. 1998. Edge effects and the extinction of populations inside protected areas. *Science*. 280:2126– 2128.
- Wyman J. 1967. The jackals of the Serengeti. *Animals*, 1967, 79–83.
- Yahnke C. J., Johnson W. E., Geffen E., Smith D., Hertel F., Roy M. S., Bonacic C. F., Fuller T. K., Van Valkenburgh B. and Wayne R. K. 1996. Darwin's fox: a distinct endangered species in a vanishing habitat. *Conservation Biology* 10:366–375.
- Yoccoz N. G., Nichols J. D., Boulinier T. 2001. Monitoring of biological diversity in space and time. *Trends in Ecology and Evolution*. 16:446-453
- Zaniewski A. E., Lehmann A., Overton J. M. 2002. Predicting species spatial distributions using presence-only data: a case study of native New Zealand ferns. *Ecological Modelling* 157 (2–3), 261–280.