

References

- Adams, B.J. 1998. Species concept and the evolutionary paradigm in modern nematology. *J. of Nematology*. **30**: 1-21.
- Allan, T. 1993. *Deserts: The Encroaching Wilderness: A World Conservation Atlas*. Oxford University Press.
- Altmann, J. 1974. Observational study of behaviour: sampling methods. *Behaviour*. **49**: 227-268.
- Andrew, M.H. 1988. Grazing impact in relation to livestock watering points. *Trends in Ecol. and Evol.* **3**: 336-339.
- Anon, 2004a. *Upsurge in poaching cause for concern*. 1st September 2004. The Guardian.
- Anon, 2004b. Action Plan of 2004 (draft). IUCN/SSC Asian Elephant Specialist Group. Gland, Switzerland.
- Ansell W.F.H., 1960. Mammals of Northern Rhodesia. Government printer, Lusaka.
- Ansell W.F.H., 1968. *Artiodactyla (excluding the genus Gazella)*. In. Meester J.A.J. (ed) Preliminary Identification Manual for African Mammals. Smithsonian Institution. Washington DC, USA.
- Ansell W.F.H., 1971. *Artiodactyla (excluding the genus Gazella)*. In. Meester J.A.J. and Setzer H.W. (eds.). The Mammals of Africa. An Identification Manual. Smithsonian Institution. Washington DC, USA.
- Archer, B. & Cooper, C. 1994. *The positive and negative impacts of tourism*. In. Theobald, W.F. (ed) Global tourism: the next decade. Oxford. Butterworth-Heinemann, London.
- Arctander, P., Kat, P.W., Aman, R.A. & Siegismund, H.R. 1996. Extreme genetic differences among populations of Gazella granti, Grant's gazelle, in Kenya. *Heredity*. **76**: 465-475.
- Arctander, P., Johansen, C. & Coutellec-Vetro, M.A. 1999. Phylogeography of three closely related African bovids (Tribe Alcelaphini). *Mol. Biol. & Evol.* **16**: 1724-1739.
- Armstrong, S. 1990. Fog, wind and heat: life in the Namib desert. *New Scientist*. **127**: 46 - 50.
- ASG (Antelope Specialist Group). 1996. Giraffa camelopardalis. In. IUCN, 2003. 2003 IUCN Red List of Threatened Species. www.redlist.org

- Ashley, C. & Barnes, J. 1996. *Wildlife Use for Economic Gain: the potential for wildlife to contribute to development in Namibia*. DEA Research Discussion Paper No.12, Namibia.
- Ashley, C. & O'Connell, C. 1995. *Can the financial benefits of wildlife outweigh the costs for Caprivi Households?* In. Namibia's Environmental Journal, Ministry of Environment and Tourism, Windhoek.
- Augustine, D.J. & McNaughton, S.J. 1998. Ungulate effects on functional species composition of plant communities: herbivore selectivity and plant tolerance. *J. Wildl. Manage.* **62**: 1164-1182.
- Babich, K. 1964. Animal behaviour with respect to tourists in the Kruger National Park. *Koedoe*. **7**: 125-152.
- Backhaus, D. 1961. *Beobachtungen an Giraffen in Zoologischen Garten und freier Wildbahn*. Bruxelles, Institi. Des Parcs Nat. du Congo et du Ruanda-Urundi.
- Banks, M.A. & Eichert, W. 2000. WHICHRUN (Version 4.1) a computer program for population assignment of individuals based on multilocus genotype data. *J. Heredity*. **91**: 87-89.
- Barbier, E. & Swanson, E.B. (eds.). 1992. *Economics for the wilds: wildlife, wildlands, diversity and development*. Island Press, Washington DC, USA.
- Barnard, P. (ed.). 1998. *Biological Diversity in Namibia*. Namibian National Biodiversity Task Force, Directorate of Environmental Affairs, Windhoek.
- Barnard, P., Brown, C.J., Jarvis, A.M. & Robertson, A. 1998. Extending the Namibian protected areas network to safeguard hotspots of endemism and diversity. *Biodiversity and Conservation*. **7**: 531-547.
- Barnes, R.F.W. 1983a. Effects of elephant browsing on woodlands in Tanzanian National Park: measurements, models and management. *J. Appl. Ecol.* **20**: 521-540.
- Barnes, R.F.W. 1983b. The elephant problem in Ruaha National Park, Tanzania. *Biol. Conserv.* **26**: 127-148.
- Barnes, R.F.W. & Douglas-Hamilton, I. 1982. The number and distribution patterns of large mammals in the Ruaha-Rungwa area of southern Tanzania. *J. Appl. Ecol.* **19**: 411-425.
- Barrow, E. & Murphree, M. 2001. *Community Conservation: From Concept to Practice*. In. Hulme and Murphree (eds.). 2001. African Wildlife and Livelihoods: The Promise and Performance of Community Conservation. James Currey, Oxford.

- Bashaw, M.J. 2003. *Social behaviour and communication in a herd of captive giraffe*. PhD dissertation. Georgia Institute of Technology, USA.
- Begon, M., Harper, J.L. & Townsend, C.R. 1996. *Ecology: Individuals, Populations and Communities*. Blackwell Science, Oxford, UK.
- Bell, R.H.V. 1986. *Carrying capacity quotas*. In: Bell, R.H.V., McShane-Caluzi, E. (eds.). Conservation and Wildlife Management in Africa. US Peace Corps, Washington DC.
- Ben-Ari, E.T. 1999. A throbbing in the air – the discovery of infrasonic communication among elephants has given researchers a whole new way of hearing things. *Bio Science*. **49**: 353-358.
- Ben-Shahar, R. 1993. Patterns of elephant damage to vegetation in Northern Botswana. *Biol. Conserv.* **65**: 249-256.
- Ben-Shahar, R. 1996. Woodland dynamics under the influence of elephants and fire in northern Botswana. *Vegetatio*. **123**: 153-163.
- Berg, J.K. 1983. Vocalisations and associated behaviours of the African elephant (*Loxodonta africana*). *Z. tierpsychol.* **63**: 63-79.
- Berger, J. 1997. Population constraints associated with the use of black rhinos as an umbrella species for desert herbivores. *Cons. Biol.* **11(1)**: 69-78.
- Bergström, R. 1992. Browse characteristics and impacts of browsing trees and shrubs in African savannas. *J. Veg. Sci.* **3**: 315-324.
- Berle, P.A.A. 1990. Two faces of eco-tourism. *Audobon*. **92(2)**: 6.
- Berry, H. 1997. Development plan for areas adjoining the Etosha National Park. Unpublished. Ministry of Environment & Tourism, Namibia.
- Berry, P.S.M. 1973. The Luangwa Valley Giraffe. *Puku*. **7**: 71-92.
- Berry, P.S.M. 1978. Range movements of giraffe in the Luangwa Valley, Zambia. *E. Afri. Wildl. J.* **16**: 77-84.
- Bertram, B.C.R. 1979. *Serengeti predators and their ecosystems*. In: Sinclair, A.R.E. and Norton-Griffiths, M. (eds). Serengeti: Dynamics of an ecosystem. Univ. Chicago Press, Chicago.
- Bigalke, R.C. 1958. On the present status of ungulate mammals in South West Africa. *Mammalia*. **22**: 478-497.
- Birkett, A. 2002. The impact of giraffe, rhino and elephant on the habitat of a black rhino sanctuary in Kenya. *Afr. J. Ecol.* **40**: 276-282.

- Biswas, A.K. 2004. Dams: Cornucopia or Disaster? *Water Resources Development*. **20(1)**: 3-14.
- Bond, W.J. & Loffell, D. 2001. Introduction of giraffe changes acacia distribution in a South African savanna. *Afr. J. Ecol.* **39**: 286-294.
- BOSTID (Board of Science and Technology for International Development Office of International Affairs, National Resource Council) .1990. *The Improvement of Tropical and Subtropical Rangelands (BOSTID). Part II. "The potential of Faidherbia albida for desertification control and increased productivity in Chad"*. National Academy Press, Washington DC, USA.
- Bothma, J.du.P. 1998. *Carnivore ecology in arid lands: Adaptations of desert organisms*. Springer-Verlag, Berlin.
- Bourliere, F. 1961. The sex-ratio of the giraffe. *Mammalia*. **25**: 467-471.
- Boutin, S. 1990. Food supplementation experiments with terrestrial vertebrates: patterns, problems, and the future. *Canadian J. Zool.* **68**: 203-220.
- Braby, R. 1990. *Skeleton Coast Park Report - 1990*. Unpublished. Directorate of Nature Conservation, Namibia.
- Bradshaw, S.D. 1997. *Homeostasis in desert reptiles. Adaptations of desert organisms*. Springer-Verlag, Berlin
- Braine, S. & Patterson, J. 1987. *Skeleton Coast Park Report - 1987*. Unpublished. Directorate of Nature Conservation, Namibia.
- Branch, B. 1998. *Field guide to the snakes and other reptiles of southern Africa*. Struik, Cape Town.
- Brenneman, R.A., Baysdorfer, C., Brown, D.M., Burgess, A., Pierson, D. & Louis, E.E. Jr. 2004. *Subspecific assessment of the North American captive giraffe population compared to extant giraffe populations across Africa*. Research report to the AZA North American Captive Giraffe Species Survival Plan Annual Meeting, February, 2004.
- Bridgeford, P.A. 1985a. Unusual diet of the lion Panthero leo in the Skeleton Coast Park. *Madoqua*. **14(2)**: 187-188.
- Bridgeford, P.A. 1985b. Feeding associations between birds and mammals in the Skeleton Coast Park. *Madoqua*. **14(2)**: 185-186.

- Britz, M., Lindeque, M. & Lindeque, P.M. 1986. *Total aerial census of Damaraland in July-August 1986*. Unpublished. Directorate of Nature Conservation, South West Africa.
- Brown, G.W. JR. 1974. *Desert biology: special topics on the physical and biological aspects of arid regions (Volume II)*. New York and London, Academic Press.
- Broomhall, L.S., Mills, M.G.L. & du Toit, J.T. 2003. Home range and habitat use by cheetahs (*Acinonyx jubatus*) in the Kruger National Park. *J. Zool., Lond.* **261**: 119-128.
- Broyles, B. 1995. Desert wildlife water developments: Questioning use in the Southwest. *Wildl. Soc. Bull.* **23(4)**: 663-675.
- Buckley, R. & Pannell, J. 1990. Environmental impacts of tourism and recreation in national parks and conservation areas. *J. Tourism Studies.* **1(1)**: 24-30.
- Burgman, M.A. & Fox, J.C. 2003. Bias in species range estimates from minimum convex polygons: implications for conservation and options for improved planning. *Anim. Cons.* **6**: 19-28.
- Burrows, R. 2002. *Pack formation, protocols of social behaviour and conservation of the African Wild Dog (*Lycaon pictus*)*. The African Conservation Foundation.
- Buss, I.O. 1961. Some observations on food habits and behaviour of the African elephant. *J. Wildl. Mgmt.* **25**: 131-148.
- Cairns, S. & Schwager, S. 1987. A comparison of association indices. *Anim. Behav.* **35**: 1454-1469.
- Caister, L.E., Shields W.M. & Gosser, A. 2003. Female tannin avoidance: a possible explanation for habitat and dietary segregation of giraffes (*Giraffa camelopardalis peralta*) in Niger. *Afr. J. Ecol.* **41**: 201-210.
- Caro, T.M. 1999. Densities of mammals in partially protected areas: the Katavi ecosystem of western Tanzania. *J. Appl. Ecol.* **36**: 205-217.
- Carter, L.A. 1990. *The Wildlife Survey of Skeleton Coast Park, Damaraland and Kaokoland, North West Namibia Ma/June 1990*. Report to the Commission of the European Communities, Windhoek, Namibia.
- Casebeer, R.L. & Koss, G. 1970. Food habits of wildebeest, zebra, hartebeest and cattle in Kenya, Masailand. *E. Afr. Wildl. J.* **8**: 25-36.
- Caughley, G. 1976. The elephant problem – an alternative hypothesis. *E. Afr. Wildl. J.* **14**: 256-283.

- Caughley, G. & Gunn, A. 1996. *Conservation Biology in Theory and Practice*. Blackwell Science, Cambridge, MA.
- Caughley, G. & Sinclair, A.R.E. 1994. *Wildlife Ecology and Management*. Blackwell Science, Cambridge, Massachusetts.
- Chenje, M. & Johnson, P. 1994. *State of the Environment in Southern Africa*. Southern African Res. & Doc. Centre, South Africa.
- Ciofolo, I. 1995. West Africa's last giraffes: the conflict between development and conservation. *J. Trop. Ecol.* **11**: 577-588.
- Ciofolo, I. & Le Pendu, Y. 2002. The feeding behaviour of giraffe in Niger. *Mammalia*. **66(2)**: 183-194.
- CITES. 2001. *Diceros bicornis*. <http://www.cites.org>.
- Cloete, G. & Kok, O.B. 1986. Aspects of the water economy of Steenbok (*Racipherus campestris*) in the Namib Desert. *Madoqua*. **14(4)**: 375-387.
- Cloudsley-Thompson, J.L. 1996. *Biotic interactions in arid lands. Adaptations of desert organisms*. Springer-Verlag, Berlin.
- Clough, G. & Hassam, A.G. 1970. A quantitative study of the daily activities of the warthog in the Queen Elizabeth National Park, Uganda. *E. Afr. Wildl. J.* **8**: 19-24.
- Clutton-Brock, T.H., Albon, S.D. & Guinness, F.E. 1989. Fitness costs of gestation and lactation in wild mammals. *Nature*. **337**: 260-262.
- Clutton-Brock, T. H., Guinness, F.E. & Albon, S.D. 1982. *Red deer. Behaviour and Ecology of Two Sexes*. Edinburgh Univ. Press, Edinburgh.
- Coe, M.J. 1967. "Necking" behaviour in the giraffe. *J. Zool., Lond.* **151**: 313-321.
- Coe, M. & Coe, C. 1987. Large herbivores, *Acacia* trees and bruchid beetles. *Sth. Afr. J. Sci.* **83**: 624-635.
- Coe, M.J. & Skinner, J.D. 1993. Connections, disjunctions and endemism in the eastern and southern African mammal faunas. *Transactions of the Royal Soc. Sth. Africa* **48(2)**: 233-255.
- Coley, P.D. 1983. Herbivory and defensive characteristics of tree species in a lowland tropical forest. *Ecol. Monogr.* **53**: 209-233.
- Comstock., K.E., Georgiadis, N., Pecon-Slatery, J., Roca, A.L., Ostrander, E.A., O'Brien, S.J. & Wasser, S.K. 2002. Patterns of molecular genetic variation among African elephant populations. *Mol. Ecol.* **11**: 2489-2498.

- Cooper, S.M. & Owen-Smith, N. 1985. Condensed tannins deter feeding by browsing ungulates in a South African savanna. *Oecologia*. **67**: 142-146.
- Cooper, S.M. & Owen-Smith, N. 1986. Effects of plant spinescence on large mammalian herbivores. *Oecologia*. **68**: 446-455.
- Cooper, S.M., Owen-Smith, N. & Bryant, J.P. 1988. Foliage acceptability to browsing ruminants in relation to seasonal changes in the leaf chemistry of woody plants in South African savanna. *Oecologia*. **75**: 336-342.
- Cooper, S.M., Holekamp, K.E. & Smale, L. 1999. A seasonal feast: long-term analysis of feeding behaviour in the spotted hyena (*Crocuta crocuta*). *Afr. J. Ecol.* **37**: 149-160.
- Cooper, T.G. 1980. *A brief summary of results by quarterly game counts conducted in the central section of Skeleton Coast Park for the period October 1978-December 1980*. Unpublished. Department of Agriculture and Nature Conservation. S.W.A/Namibia.
- Cotterill, F.P.D. 2003. *Species concepts and the real diversity of antelopes*. In: Plowman, A. (ed.) *Ecology and Conservation of Mini-antelope: Proceedings of an International Symposium on Duiker and Dwarf Antelope in Africa*. Filander Verlag: FÜRth. pp.59-118.
- Craig, C. 2000. *The MET's Aerial Surveys of Wildlife in North-Western Namibia*. Unpublished. Ministry of Environment & Tourism, Namibia.
- Crawford, C.S. 1981. *Biology of desert invertebrates*. Springer-Verlag, Berlin.
- Croze, H. 1974. The Seronera bull problem. II. The trees. *E. Afr. Wildl. J.* **12**: 29-47.
- CTFT (Centre Technique Forestier Tropical). 1989. *Faidherbia albida* (Del.) A. Chev. (Synonym *Acacia albida* Del.). (English translation by P.J. Wood) Nogent-sur-Marne, France: CTFT, and Wageningen, Netherlands: Centre Technique de Cooperation Agricole et Rurale.
- Dagg, A.I. 1959. Food preferences of the giraffe. *Proc. Zool. Soc., Lond.* **135**: 640-642.
- Dagg A.I., 1962. The subspeciation of the giraffe. *J. of Mammalogy*. **43**: 550-552.
- Dagg A.I. 1971. *Giraffa camelopardalis*. *Mammalian Species*. **5**: 1-8.
- Dagg, A.I. & Foster, J.B. 1982. *The Giraffe: its biology, behaviour and ecology*. Krieger Publishing Co., U.S.A.
- Danell, K. & Huss-Danell, K. 1985. Feeding by insects and hares on birches earlier affected by moose browsing. *Oikos*. **44**: 75-81.

- Danell, K., Huss-Danell, K. & Bergstrom, R. 1985. Interactions between browsing moose and two species of birch in Sweden. *Ecol.* **66**: 1867-1878.
- Darling, F.F. 1960. An ecological reconnaissance of the Mara Plains in Kenya Colony. *Wildl. Monograph.* 5: 1-41.
- Das, S. & Sen, P.K. 1995. Simultaneous spike-trains and stochastic dependence. *The Indian J. of Stats.* **57(B)**: 32-47.
- Data Solutions, 1998. *Range Manager*. <http://SolutionsGroup.tripod.com>.
- DEA, 1996. *Namibia Environment. Volume 1*. Ministry of Environment and Tourism, Namibia.
- Dean W.R.J. & MacDonald I.A.W. 1981. A review of African birds feeding in association with mammals. *Ostrich.* **52**: 135–155.
- de Bois, H., Dhont, A.A. & van Puijenbroeck, B. 1990. Effects of inbreeding on juvenile survival of the okapi *Okapia johnstoni* in captivity. *Biol. Conserv.* **54(2)**: 147-155.
- Degen, A.A. 1997. *Ecophysiology of small desert mammals: Adaptations of desert organisms*. Springer-Verlag, Berlin.
- Demment, M.W. & van Soest, P.J. 1985. A nutritional explanation for body size patterns of ruminant and non-ruminant herbivores. *Am. Nat.* **125**: 641-672.
- den Boer, P.J. & Reddingius, J. 1996. *Regulation and Stabilization Paradigms in Population Ecology*. Chapman & Hall, London.
- Dennis, B. & Taper, M.L. 1994. Density dependence in time series observations of natural populations estimation and testing. *Ecol. Monographs.* **64**: 205-224.
- Dickman, C.R., Letnic, M. & Mahon, P.S. 1999a. Population dynamics of two species of dragon lizards in arid Australia: the effects of rainfall. *Oecologia.* **119**: 357-366.
- Dickman, C.R., Mahon, P.S., Masters, P. & Gibson, D.F. 1999b. Long-term dynamics of rodent populations in arid Australia: the influence of rainfall. *Wildl. Res.* **26**: 389-403.
- Dickman, C.R., Predavec, M. & Downey, F.J. 1995. Long-range movements of small mammals in arid Australia: implications for land management. *J. Arid Environ.* **31**: 441-452.
- Douglas-Hamilton, I., Krink, T. & Vollrath, F. In press. *Movements and corridors of African elephants in relation to protected areas*. Save the Elephants, Kenya.
- Dreyer, R. 1994. *Namibia and Southern Africa: Regional Dynamics of Decolonization, 1945-1990*. Graduate Institute of International Studies, Geneva, Switzerland.

- Dublin, H.T. & Douglas-Hamilton, I. 1987. Status and trends of elephants in the Serengeti-Mara ecosystem. *Afr. J. Ecol.* **25**: 19-34.
- Dublin, H.T., Sinclair, A.R.E. & McGlade, J. 1990. Elephants and fires as causes of multiple stable states in the Serengeti-Mara woodlands. *J. Anim. Ecol.* **59**: 1147-1164.
- Dunham, K. 1991. Fruit production by Acacia albida trees in Zambezi riverine woodlands. *J. Trop. Ecol.* **6**: 445-457.
- du Plessis, W.P., Bredenkamp, G.J. & Trollope, W.S.W. 1998a. Response of herbaceous species to a degradation gradient in the western region of Etosha National Park, Namibia. *Koedoe*. **41**: 9-18.
- du Plessis, W.P., Bredenkamp, G.J. & Trollope, W.S.W. 1998b. Development of a technique for assessing veld condition in Etosha National Park, Namibia. *Koedoe*. **41**: 19-29.
- du Toit, J.T. 1990a. Home range-body mass relations: a field study on African browsing ruminants. *Oecologia*. **85**: 301-303.
- du Toit, J.T. 1990b. Feeding-height stratification among African browsing ruminants. *Afr. J. Ecol.* **28**: 55-61.
- du Toit, J.T. 1990c. Giraffe feeding on Acacia flowers: predation or pollination?. *Afr. J. Ecol.* **28**: 63-68.
- du Toit, J.T. 1995. Sexual segregation in kudu: sex differences in competitive ability, predation risk or nutritional needs. *S. Afr. J. Wildl. Res.* **25**: 127-132.
- du Toit, J.T. 2002. Wildlife harvesting guidelines for community-based wildlife management: a southern African perspective. *Biodiversity and Conservation*. **11**: 1403-1416.
- du Toit, J.T., Bryant, J.P. & Frisby, K. 1990. Regrowth and palatability of Acacia shoots following pruning by African savanna browsers. *Ecology*. **71(1)**: 149-154.
- Dzwonko, Z. & Loster, S. 1997. Effects of dominant trees and anthropogenic disturbances on species richness and floristic composition of secondary communities in southern Poland. *J. appl. Ecol.* **34**: 861-870.
- East, R. 1999. *African Antelope Database 1998*. IUCN/SSC Antelope Specialist Group. IUCN, Gland, Switzerland and Cambridge, UK.
- Ebedes, H. 1976. Anthrax epizootics in Etosha National Park. *Madoqua*. **10(2)**: 99-118.

- Edge, W.D. & Marcum, C.L. 1989. Determining elk distribution with pellet-group and telemetry techniques. *J. Wildl. Manage.* **53**: 621-624.
- EEAN, 1992. *Preliminary Environmental Impact Assessment: Möwe Bay Fishing Port*. Desert Research Foundation of Namibia, Namibia.
- Ego, W.K., Mbuvi, D.M. & Kibet, P.F.K. 2003. Dietary composition of wildebeest (*Connochaetes taurinus*), kongoni (*Alcephalus buselaphus*) and cattle (*Bos indicus*) grazing on a common ranch in south-central Kenya. *Afr. J. Ecol.* **41**: 83-92.
- Eltringham, S.K. 1980. A quantitative assessment of range usage by large African mammals with particular reference to the effects of elephants on trees. *Afr. J. Ecol.* **18**: 53-71.
- Eltringham, S.K. 1990. Wildlife carrying capacities in relation to human settlement. *Koedoe*. **33**: 87-97.
- Estes, R.D. 1995. *The Behaviour Guide to African Mammals – Including Hoofed Mammals, Carnivores, Primates*. Russell Friedman Books CC, Halfway House, South Africa.
- Feely, J.M. 1965. Observations on *Acacia albida* in the Luangwa valley. *Puku*. **3**: 67-70.
- Fennessy, J. 2003. Palewinged Starling gleaning on desert-dwelling Giraffe, northwestern Namibia. *Bird Numbers*. **12(1)**: 20-21.
- Fennessy, J., Leggett, K. & Schneider, S. 2001. *Faidherbia albida: distribution, density, & wildlife influences, Hoanib River catchment, northwestern Namibia*. Occasional paper No.17: Vegetation. Desert Research Foundation of Namibia, Namibia. 47pp.
- Fennessy, J., Leggett, K. & Schneider, S. 2003. Distribution and status of the desert-dwelling giraffe (*Giraffa camelopardalis angolensis*) in northwestern Namibia. *Afr. Zool.* **38(1)**: 184-8.
- Field, C.R. 1971. Elephant ecology in the Queen Elizabeth National Park, Uganda. *E. Afr. Wildl. J.* **9**: 99-123.
- Field, C.R. & Blankenship, L.H. 1973. Nutrition and reproduction of Grant's Gazelles, Coke's Hartebeest and Giraffe. *J. Reprod. Fert. Supple.* **19**: 287-301.
- Field, C.R. & Ross, I.C. 1976. The savanna ecology of the Kidepo Valley National Park. II. Feeding ecology of elephant and giraffe. *E. Afr. Wildl. J.* **14**: 1-15.
- Fischer, F. & Linsenmair, K.E.. 1999. The territorial system of the kob antelope (*Kob kob kob*) in the Comoé National Park, Ivory Coast. *Afr. J. Ecol.* **37**: 386-399.

- FitzGibbon, C.D. 1989. A cost to individuals with reduced vigilance in groups of Thompson's gazelle hunted by cheetah. *Anim. Behav.* **37**: 508-510.
- Foster, J.B. 1966. The giraffe of Nairobi National Park: Home range, sex ratios, the herd and food. *E. Afr. Wild. J.* **4**: 139-148.
- Foster, J.B. & Dagg, I. A. 1972. Notes on the biology of the giraffe. *E. Afr. Wild. J.* **10**: 1-16.
- Frankham, R.J., Ballou, D. & Briscoe, D.A. 2002. *Introduction to conservation genetics*. Cambridge University Press, Cambridge, United Kingdom.
- Fryxell, J.M. 1995. *Aggregation and migration by grazing ungulates in relation to resources and predators*. In: Serengeti II. Dynamics, Management, and Conservation of an Ecosystem, (eds). A.R.E. Sinclair and P. Arcese. University of Chicago Press, Chicago. pp. 257-273.
- Gascoigne, J.C. & Lipcius, R.N. 2004. Allee effects driven by predation. *J. Applied Ecol.* **41(5)**: 801-810.
- Geist, V. 1966. The evolution of horn-like organs. *Behaviour*. **27**: 175-214.
- Gerhardt, F. 1993. *Physiographical and historical influences on forest composition in central New England*. MFS Thesis, Harvard University, Cambridge, MA.
- Gibson, D (ed.). 2001. *Wildlife monitoring in north-western Namibia*. Unpublished. 37pp.
- Giess, W. 1971. A Preliminary Vegetation Map of South West Africa. *Dinteria*. **4**: 1-114.
- Gilchrist, D. & Scheepers, J.L. 1991. Leopard predation on giraffe calves in the Etosha National Park. *Madoqua*. **18(1)**: 49.
- Gill, T. 1872. Arrangement of the families of mammals, with analytical tables. *Smithsonian Miscellaneous Collections*. **11(230)**: 1-98.
- Gillingham, M.P. & Bunnell, F.L. 1985. Reliability of motion-sensitive radio collars for estimating activity of black-tailed deer. *J. Wildl. Manage.* **49**: 951-958.
- Ginnett, T. F. & Demment, M.W. 1997. Sex differences in giraffe behaviour at two spatial scales. *Oecologia*. **110**: 291-300.
- Ginsberg, J.R. & Young, T.P. 1992. Measuring association between individuals or groups in behavioural studies. *Anim. Behav.* **44**: 377-379.
- Gould, S.J. & Lewontin, R.C. 1979. The spandrels of San Marco and the Panglossian paradigm: a critique of the adaptationist programme. *Proc. Roy. Soc. Lond. B.* **205**: 581-598.

- Gowda, J.H. 1996. Spines of *Acacia tortilis*, what do they defend and how? *Oikos*. **77**: 279-284.
- Gowda, J.H. & Palo, T. 2003. Age-related changes in defensive traits of *Acacia tortilis* Hayne. *Afr. J. Ecol.* **41**: 218-223.
- Graczyk, T.K., Fayer, R. & Cranfield, M.R. 1997. Zoonotic potential of cross-transmission of *Cryptosporidium parvum*: implications for waterborne cryptosporidiosis. *Parasitology Today*. **13**: 348-351.
- Gray, J.E. 1821. On the natural arrangement of vertebrate animals. *London Medical Repository Record*. **15(1)**: 296-310.
- Griffin, M. 1999. *Checklist and provisional national conservation status of amphibians, reptiles and mammals known or expected to occur in Namibia*. National Atlas, Biodiversity Inventory. Ministry of Environment & Tourism, Namibia.
- Guy, P.R. 1976a. Diurnal activity patterns of elephant in the Sengwa Area, Rhodesia. E. *Afr. Wildl. J.* **14**: 285-295.
- Guy, P.R. 1976b. The feeding behaviour of elephant (*Loxodonta africana*) in the Sengwa Area, Rhodesia. *S. Afr. J. Wildl. Res.* **6**: 55-63.
- Guy, P.R. 1981. Changes in the biomass and productivity of woodlands in the Sengwa wildlife research area, Zimbabwe. *J. Appl. Ecol.* **18**: 507-519.
- Gwynne, M.D. 1969. The nutritive values of *Acacia* pods in relation to *Acacia* seed distribution by ungulates. *E. Afr. Wildl. J.* **7**: 176-178.
- Hachileka, E. & Kokwe, M. 2000. *Best practices in community-based natural resource management*. IUCN/ROSA, Harare, Zimbabwe.
- Hall-Martin, A.J. 1974. Food selection by Transvaal lowveld giraffe as determined by analysis of stomach contents. *J. sth Afr. Wildl. Mgmt. Ass.* **4(3)**: 191-202.
- Hall-Martin A.J. 1975. *Studies on the Biology and Productivity of the Giraffe, Giraffa camelopardalis*. D.Sc. Thesis. University of Pretoria, Pretoria, Republic of South Africa.
- Hall-Martin A.J. 1976. Dentition and age determination of the giraffe, *Giraffa camelopardalis*. *J. Zool., London*. **180**: 263-289.
- Hall-Martin, A.J. & Basson, W.D. 1975. Seasonal chemical composition of the diet of Transvaal lowveld giraffe. *J. sth. Afr. Wildl. Mgmt. Ass.* **5(1)**: 19-21.
- Hall-Martin, A.J. & de Graaf. 1978. A note on the feasibility of introducing giraffe to the Kalahari Gemsbok National Park. *Koedoe* **21**: 191-193.

- Hall-Martin, A.J. & Skinner, J.D. 1978. Observations on puberty and pregnancy in female giraffe (*Giraffa camelopardalis*). *S. Afr. J. Wildl. Res.* **8(3)**: 91-94.
- Hall-Martin, A., Walker, C. & Bothma, J. 1988. *Kaokoveld – The last wilderness*. Southern Book Publishers, Johannesburg, South Africa.
- Hamilton, A.N. & Archibald, W.R. 1985. *Grizzly bear habitat in Kimsquit river valley, coastal British Columbia: Evaluation In*. Proceedings of the Grizzly Bear Habitat Symposium. Missoula, MT, Apr 30 – May 2, 1985. Contreras, G.P. & Evans, K.E. (eds.). Intermountain Research Station, Ogden. pp 50-56.
- Hansen, R.M., Mugambi, M.M. & Bauni, S.M. 1985. Diets and trophic ranking of ungulates of the northern Serengeti. *J. Wildl. Manage.* **49(3)**: 823-828
- Hanssen, L. 2004. *Field Report February 2004*. Predator Conservation Trust, Windhoek.
- Happold, D.C.D. 1995. The interactions between humans and mammals in Africa in relation to conservation: a review. *Biodiversity and Conservation.* **4**: 395-414.
- Harestad, A.S. 1985. Habitat use by black-tailed deer on northern Vancouver Island. *J. Wildl. Manage.* **49(4)**: 946-950.
- Harrison J.A., Allan D.G., Underhill D.G., Herremans M., Tree A.J., Parker V. & Brown C.J. (eds). 1997. *The atlas of southern African birds*. Birdlife South Africa, Johannesburg.
- Hart, B.L. & Hart, L.A. 1992. Reciprocal allogrooming in impala, *Aepyceros melampus*. *Anim. Behav.* **44**: 1073-1083.
- Henschel, J.R. & Skinner, J.D. 1990. The diet of the spotted hyena *Crocuta crocuta* in Kruger National Park. *Afr. J. Ecol.* **28**: 69-82.
- Henschel, J. Mtuleni, V., Gruntkowski, N., Seely, M. & Shanyengana, S. 1998. *NAMFOG: Namibian application of fog-collecting systems. Phase I: Evaluation of fog water harvesting*. Occasional Paper No. 8. Desert Research Foundation of Namibia, Namibia.
- Hilton-Taylor, C. 2000. *2000 IUCN Red List of Threatened Species*. IUCN, Gland, Switzerland and Cambridge, United Kingdom.
- Hobbs, N.T. 1986. Modification of ecosystems by ungulates. *J. Wildl. Manage.* **60**: 695-713.
- Holmes, T. 1992. Conservation activities in the Kaokoveld (north-west Namibia). *Biodiversity and Conservation.* **1**: 211-213.

- Hudson, R.J. & Haigh, J.C. 2002. *Physical and physiological adaptation*. In: D.E. Toweill and J.W. Thomas. *Elk of North America*. Wildl. Manage. Inst., Smithsonian Institution Press. pp 100-257.
- Hudson, R.J. & White, R.G. (eds.). 1985. *Bioenergetics of Wild Herbivores*. CRC Press.
- Huebinger, R.M., Pierson, D.J., DeMaar, T.W., Brown, D.M., Breneman R.A. & Louis, E.E. 2002. Characterization of 16 microsatellite marker loci in the Maasai giraffe (*Giraffa camelopardalis tippelskirchi*). *Mol. Ecol. Notes*. **2**: 531-533.
- Hughes, F.M.R. 1988. The ecology of African floodplain forests in semi-arid zones: a review. *J. Biogeogr.* **15**: 127-140.
- Hughes, R.N. (ed.). 1993. *Diet Selection. An Interdisciplinary Approach to Foraging Behaviour*. Blackwell Scientific Publication, Oxford.
- Hugh-Jones, P., Barter, C.E., Hine, J.M. & Rusbridge, M.M. 1978. Dead space and tidal volume of the giraffe compared with some other mammals. *Respir. Physiol.* **35**: 53-58.
- Hume, I.D. 1999. *Marsupial Nutrition*. Cambridge University Press, Cambridge.
- Hunter, L.T.B. & Skinner, J.D. 1998. Vigilance in African ungulates: The role of predator pressure. *Behaviour*. **135**: 195-211.
- Hurtrez-Boussès, S. 1996. Genetic differentiation among natural populations of the rare corsican endemic *Brassica insularis* Moris: Implications for conservation guidelines. *Conserv. Biol.* **76**: 25-30.
- IEA (Institute of Applied Ecology). *Giraffa camelopardalis*. In: African Mammals Databank – A Databank for the Conservation and Management of the African Mammals Vol 1 and 2. Bruxelles: European Directorate.
- Innis, A.C. 1958. The behaviour of the giraffe, *Giraffa camelopardalis*, in the eastern Transvaal. *Proc. Zool. Soc. London*. **131**: 245-278.
- Iipinga, A.N. 1997. *Behaviour and the effect of giraffe on Flora (Etosha National Park)*. Unpublished. Polytechnic of Namibia, Namibia.
- IUCN, 2001. *The 2000 IUCN Red List of Threatened Species*. <http://www.redlist.org>
- Jachmann, H. & Bell, R.H.V. 1985. Utilisation by elephants of the *Brachystegia* woodlands of the Kasungu National Park, Malawi. *Afr. J. Ecol.* **23**: 245-258.
- Jackson, D.C. & Schmidt-Nielsen. 1964. Counter-current heat exchange in the respiratory passages. *Proc. Natl. Acad. Sci. U.S.A.* **51**: 1192-1197.

- Jacobson P.J & Jacobson K.M. 1998. *The influence of elephant on Faidherbia albida trees in the northern Namib Desert: a reappraisal* – Draft Manuscript. Grinnell College, Iowa, USA.
- Jacobson, P.J., Jacobson K.M. & Seely, M.K. 1995. *Ephemeral rivers and their Catchments: Sustaining People and Development in Western Namibia*. Desert Research Foundation of Namibia, Namibia.
- Jarman, P.J. 1972. Seasonal distribution of large mammal populations in the unflooded Middle Zambezi Valley. *J. Appl. Ecol.* **9**: 283-299.
- Jarman, M.V. & Jarman, P.J. 1973. Daily activity of impala. *E. Afr. Wildl. J.* **11**: 75-92.
- Jarvis, A. Robertson, T., Brown, C. & Simmons, R. 2000. *Avifauna database*. Unpublished. Ministry of Environment & Tourism, Namibia.
- Jenrich, R.I. & Turner, F.B. 1969. Measurements of non-circular home range. *J. Theor. Biol.* **22**: 227-237.
- Jobst, P. 1996. *Investigating water problems of Faidherbia albida along the Kuiseb River, Namibia*: MSc Thesis. University of Cape Town, South Africa.
- Jones, B.T.B. 1995. *Wildlife management, utilisation and tourism in communal areas: benefits to communities and improved resource management*. DEA Research Discussion Paper No.5, Namibia.
- Jones, B.T.B. 1997. *Community-based Natural Resource Management in Botswana and Namibia – an inventory and preliminary analysis of progress*. Report to the Southern African Sustainable Use Specialist Group for the Project: “Evaluating Eden” of the International Institute for Environment and Development. Windhoek.
- Jones, B.T. 2001. *The evolution of a Community-based Approach to Wildlife Management at Kunene, Namibia*. In. Hulme and Murphree (eds.). 2001. African Wildlife and Livelihoods: The Promise and Performance of Community Conservation. James Currey, Oxford.
- Jones, B., Long, S.A., Vaughan, C., Murphy, C., Katjiua, J.B. & Mulonga, S. 2002. *Wildlife, Tourism and Livelihoods in Namibia: A Summary of Preliminary Findings of the Project up to end August 2002*. WILD Project Working Paper, Dfid, UK.
- Jones, B. & Murphree, M. 2001. *The evolution of policy on community conservation in Namibia and Zimbabwe*. In. Hulme and Murphree (eds.). 2001. African Wildlife

- aand Livelihoods: The Promise and Performance of Community Conservation. James Currey, Oxford.
- Joubert, E. 1972. The social organisation and associated behaviour in the Hartmann's zebra *Equus zebra hartmannae*. *Madoqua*. **1(6)**: 17–56.
- Joubert, E. 1974. Mammals show how to survive in the desert. *S.W.S. Jaarboek*. 123-129.
- Joubert, D.R.E. & Mostert, P.K.N. 1974. *Distribution pattern and status of some mammals in South West Africa with notes on Population Structures*. Unpublished. Nature Conservation and Tourism, South West Africa.
- Joubert, E. & Mostert, P.K.N. 1975. Distribution pattern and status of some mammals in South West Africa. *Madoqua*. **9(1)**: 5-44.
- Katjiua, J.B., Vaughan, C. & Branston, N. 2002. *Wildlife in the Potjie. 2002. Significance of Wild Food Resources for Sustaining Livelihoods in Kunene*. WILD Working Paper, Dfid, UK.
- Kingdon, J. 1979. *East African Mammals. An Atlas of Evolution in Africa. Volume III Part B (Large Mammals)*. The University of Chicago Press. Chicago, USA.
- Kingdon, J. 1997. *The Kingdon Field Guide to African Mammals*. Academic Press. London.
- Kissama Foundation. 2003. Operation Noah's Ark. www.kissama.org.
- Kitchen, A.M., Gese, E.M. & Schauster, E.R. 2000. Changes in coyote activity patterns due to reduced exposure to human persecution. *Can. J. Zool./Rev. Can. Zool.* **78(5)**: 853-857.
- Klingel, H. 1965. Notes on the biology of the plains zebra. *E. Afr. Wildl. J.* **8**: 86-88.
- Knapp, C.R. & Malone, C.L. 2003. Patterns of reproductive success and genetic variability in a translocated Iguana population. *Herpetologica*. **59(2)**: 195-202.
- Kolberg, H. 1998. *The national wildlife questionnaire survey for the period 1 January to 31 December 1997: Results and Summary*. Unpublished. Directorate of Scientific Services, Ministry of Environment and Tourism, Namibia.
- Krebs, J.R. & Davies, N.B. (eds). 1997. *Behavioural Ecology. An Evolutionary Approach*. Blackwell Science, Oxford.
- Krecek, R.C., Boomker, J., Penzhorn, B.L. & Scheepers, L. International parasites (*Giraffa camelopardalis angolensis*) from Etosha National Park, Namibia. *J. Wildl. Diseases*. **26(3)**: 395-397.

- Kreike, E., Isaacman, A. (ed.) & Allman, J. (ed.). 2004. *Re-creating Eden: Land Use, Environment and Society in Southern Angola and Northern Namibia (Social History of Africa Series)*. Heinemann, USA.
- Kristal, M.B. & Noonan, M. 1979. Note on sleep in captive giraffes (*Giraffa camelopardalis reticulata*). *S. Afr. J. Zool.* **14**: 108.
- Krumbeigel I., 1939. Die giraffe, Unter besonderer bercksichtigung der rassen. *Monographien der Wildsügetiere.* **8**: 1-98.
- Laikre, L., Andrén, R., Larsson, H-O. & Ryman, N. 1996. Inbreeding depression in brown bear *Ursus arctos*. *Conserv. Biol.* **76**: 69-72.
- Laikre, L. & Ryman, N. 1991. Inbreeding depression in a captive wolf (*Canis lupus*) population. *Conserv. Biol.* **5**: 33-40.
- Lancaster, J., Lancaster, N. & Seely, M.K. 1984. Climate of the central Namib Desert. *Madoqua.* **15**: 5-61.
- Lange, R.T. 1969. The piosphere, sheep track and dung patterns. *J. Range. Manag.* **22**: 396-400.
- Langman, V.A. 1973. Radio-tracking giraffe for ecological studies. *J. Sth. Afr. Wildl. Manage.Assoc.* **3**: 75-78.
- Langman, V.A. 1977. Cow-calf relationships in Giraffe (*Giraffa camelopardalis giraffa*). *Zeitschrift für Tierpsychologie.* **43**: 264-286.
- Langman, V.A. 1982. Giraffe youngsters need a little bit of maternal love. *Smithsonian.* **12**: 94-103.
- Langman, V.A. 1985. Nasal heat exchange in a northern ungulate, the Reindeer (*Rangifer tarandus*). *Respir. Physiol.* **59**: 279-287.
- Langman, V.A., Bamford, O.S. & Maloiy, G.M.O. 1982. Respiration and metabolism in the giraffe. *Respir. Physiol.* **50**: 141-152.
- Langman, V.A., Maloiy, G.M.O., Schmidt-Nielsen, K. & Schroter, R.C. 1978. Respiratory water and heat loss in camels subject to dehydration. *J. Physiol. (Lond.)* **278**: 35pp.
- Langman, V.A., Maloiy, G.M.O., Schmidt-Nielsen, K. & Schroter, R.C. 1979. Nasal heat exchange in the giraffe and other large mammals. *Respir. Physiol.* **37**: 325-333.
- Larson, P. 1970. *Deserts of America*. Prentice-Hall, Englewood Cliffs, New Jersey, USA.
- Laws, R.M. 1970. Elephants as agents of habitat and landscape change in East Africa. *Oikos.* **21**: 1-15.

- Laws, R.M., Parker, I.S.C. & Johnson, R.C.B. 1975. *Elephants and their habitats: the ecology of elephants in north Bunyoro, Uganda*. Oxford: Clarendon Press.
- Leader-Williams, N., Albon, S.D. & Berry, P.S.M. 1990. Illegal exploitation of black rhinoceros and elephant populations: patterns of decline, law enforcement and patrol effort in Luangwa Valley, Zambia. *J. Appl. Ecol.* **27**: 1055-1087.
- Leader-Williams, N., Milledge, S., Adcock, K., Brooks, M., Conway, A., Knight, M., Mainka, S., Martin, E.B. & Teferi, T. 2004. *Trophy hunting of the black rhino *Diceros bicornis*: proposals to ensure its future sustainability*. IUCN Species Survival Commission African Rhino Specialist Group.
- Leisinger, K.M. & Schmitt, K. (eds.). 1995. *Survival in the Sahel: an ecological and developmental challenge*. International Service for National Agricultural Research. The Hague, Netherlands.
- Le Maitre, D.C., Scott, D.F. & Colvin, C. 1999. A review of information on interactions between vegetation and groundwater. *Water SA*.
- Le Pendu, Y. & Ciofolo, I. 1999. Seasonal movements of giraffes in Niger. *J. Trop. Ecol.* **15**: 341-353.
- Le Pendu, Y., Ciofolo, I. & Gosser, A. 2000. The social organisation of giraffes in Niger. *Afr. J. Ecol.* **38**: 78-85.
- Leggett, K.E.A. 1999. *Project Proposal - Hoanib River Catchment Study*. Unpublished. Desert Research Foundation of Namibia, Namibia.
- Leggett, K. 2004. *Wet season movement of elephants in northwestern Namibia: January to April 2004*. Unpublished. Ministry of Environment and Tourism report. Namibian Elephant and Giraffe Trust, Namibia.
- Leggett, K., Fennessy, J. & Schneider, S. 2001a. *Preliminary study of the elephants of the Hoanib River Catchment, northwestern Namibia*. Occasional paper No.16: Fauna. Desert Research Foundation of Namibia, Windhoek, Namibia.
- Leggett, K., Fennessy, J. & Schneider, S. 2001b. *Water chemistry of selected wetlands and springs*. Occasional paper No.15: Water. Desert Research Foundation of Namibia, Windhoek, Namibia.
- Leggett, K., Fennessy, J. & Schneider, S. 2003a. Seasonal distributions and social dynamics of elephants in the Hoanib River catchment, northwestern Namibia. *Afr. Zool.* **38(2)**: 305–316.

- Leggett, K., Fennessy, J. & Schneider, S. 2003b. Does land use matter in an arid Environment? A case study from the Hoanib River catchment, north-western Namibia. *J. Arid Environ.* **53**: 529–543.
- Leggett, K., Fennessy, J. & Schneider, S. 2003c. Seasonal changes in the Hoanib River catchment, north-western Namibia: a study of a non-equilibrium system. *J. Arid Environ.* **53**: 99–113.
- Leuthold, W. 1977. *African Ungulates: A comparative review of their ecology and behavioural ecology*. Springer-Verlag, Berlin
- Leuthold, B.M. 1979. Social organisation and behaviour of giraffe in Tsavo East National Park. *Afr. J. Ecol.* **19**: 9-34.
- Leuthold, B.M. & Leuthold, W. 1972. Food habits of giraffe in Tsavo National Park, Kenya. *E. Afr. Wildl. J.* **10**: 129-141.
- Leuthold, B.M. & Leuthold, W. 1978. Ecology of the giraffe in Tsavo East National Park, Kenya. *E. Afr. Wildl. J.* **16**: 1-20.
- Lewis, J.G. 1975. *A comparative study of the activity of some indigenous East African ungulates and conventional stock under domestication*. Unpublished. PhD. Thesis, Univ. London.
- Lewis, D.M. 1991. Observations of tree growth, woodland structure and elephant damage on *Colophospermum mopane* in Luangwa Valley, Zambia. *Afr. J. Ecol.* **24**: 227-241.
- Lindeque, M. 1991. The Kaokoveld Elephant. *Rössing.* **5**: 14-17.
- Lindeque, M. & Lindeque, P. M. 1991. Satellite tracking of elephants in northwestern Namibia. *Afr. J. Ecol.* **29**: 196-206.
- Lindstedt, S.L., Miller, B.J. & Buskirk, S.W. 1986. Home range, time, and body size in mammals. *Ecology.* **67**: 413-418.
- Linnaeus C., 1758. *Systema Naturae per Regna Tria Naturae, Secundum Classes, Ordines, Genera, Species cum Characteribus, Differentiis, Synonymis, locis*. Editio decima, reformata, Tom. I. Laurentii Salvii, Holmiae.
- Long, S.A. 2004. *Livelihoods and CBNRM in Namibia: the findings of the WILD project*. Ministry of Environment and Tourism, Namibia.
- Lorenzen, E.D. & Siegismund, H.R. 2004. In press. *No evidence of hybridization between the vulnerable Black-faced impala (*Aepyceros melampus petersi*) and the Common*

- impala (A. m. melampus) in Etosha NP, Namibia: Microsatellites don't kiss and tell.* University of Copenhagen, Denmark.
- Loutit, B. & Lindeque, M. 1988. A great step for the desert giants. *Quagga*. **22**: 26-28.
- Loutit, R. 1995. *Report on an elephant census (Elesmap survey) in Kunene Region – Sept/Oct 1995.* Unpublished. Ministry of Environment & Tourism, Namibia.
- Loutit, R. 1998. *Seasonal Wildlife Counts.* Unpublished. Ministry of Environment and Tourism, Namibia.
- Louw, G.N. 1993. *Physiological animal ecology.* Longman Scientific and Technical, Essex, England.
- Louw, G.N. & Holm, E. 1972. Physiological, morphological and behavioural adaptations of the ultrasamophetans Namib Desert lizard *Aporosaura anchietae* (Bocage). *Madoqua*. **1(2)**: 67-85.
- Louw, G.N. & Seely, M.K. 1982. *Ecology of desert organisms.* Longman Scientific, Essex, England.
- Lovegrove, B. 1993. *The Living Deserts of Southern Africa.* Fernwood Press, Vlaeberg.
- Lovegrove, B.G. 2000. The zoogeography of mammalian basal metabolic rate. *American Naturalist*. **156**: 201-219.
- Lydekker R., 1904. On the subspecies of *Giraffa camelopardalis*. *Proceedings of the Zoological Society of London*. **1**: 202-227.
- MacDonald, D.W. 1983. The ecology of carnivore social behaviour. *Nature*. **301(5899)**: 379-384.
- MacDonald, D. (ed.). 1997. *African Wild Dog Status Survey and Action Plan (1997).* IUCN/SSC Canid Specialist Group. Gland, Switzerland.
- Machlis, L., Dodd, P.W.D. & Fentress, J.C. 1985. The pooling fallacy: problems arising when individuals contribute more than one observation to the data set. *Zeitschrift für Tierpsychologie*. **68**: 201-214.
- Maclean G.L. 1993. *Roberts' birds of southern Africa.* The Trustees of the John Voelcker Bird Book Fund, Cape Town, South Africa.
- Maclean, G.L. 1996. *Ecophysiology of desert birds. Adaptations of desert organisms.* Springer-Verlag, Berlin.
- Maggs, G.L., Craven, P. & Kolberg, H.H. 1998. Plant species richness, endemism, and genetic resources in Namibia. *Biodiversity and Conservation*. **7**: 435-446.

- Main, M.B. & Coblentz, B.E. 1990. Sexual segregation amongst ungulates: a critique. *Wildl. Soc. Bull.* **18**: 204-210.
- Manly, B.J.F., McDonald, L.L., Thomas, D.L., McDonald, T.L. & Erickson, W.P. 1993. *Resource Selection by Animals 2nd ed.* Kluwer Academic Publishers, Dordrecht, the Netherlands.
- MapInfo Corporation. 2001. MapInfo Professional Version 6.5.
- Margan, S.H., Nurthen, R.K., Montgomery, M.E., Woodworth, L.M., Lowe, E.H., Briscoe, D.A. & Frankham, R. 1998. Single large or several small? Population fragmentation in the captive management of endangered species. *Zoo Biology.* **17(6)**: 467-480.
- Martin, P. & Bateson, P. 1983. *Measuring Behaviour: an Introductory Guide.* Cambridge University Press, Cambridge.
- Mathooko, J.M. & Kariuki, S.T. 2000. Disturbances and species distribution of the riparian vegetation of a Rift Valley stream. *Afr. J. Ecol.* **38**: 123-129.
- Matson, T.K. 2003. *Habitat use and conservation of the vulnerable black-faced impala (*Aepyceros melampus petersi*) of Namibia.* PhD Thesis. University of Queensland, Australia.
- McNab, B.K. 1963. Bioenergetics and the determination of home range size. *Am. Nat.* **97**: 133-140.
- McKenna, M.C. & Bell, S.K. 1997. *Classification of mammals above the species level.* Columbia University Press, New York, USA.
- McNaughton, S.J. & Georgiadis, N.J. 1986. Ecology of African grazing and browsing mammals. *Ann. Rev. Ecol. Syst.* **17**: 39-65.
- McNaughton, S.J., Tarrants, J.L. McNaughton, M.M. & Davis, R.H. 1985. Silica as a defence against herbivory and a growth promoter in African grasses. *Ecology.* **66**: 528-535.
- McQuivey, R.P. 1978. The desert bighorn sheep of Nevada. *Nevada Dept. of Wildl. Biol. Bull.* **6**: 1-81.
- Menke, K.H., Raab, L., Salewski, A., Steingass, H., Fritz, D. & Schneider, W. 1979. The estimation of the digestibility and metabolizable energy content of ruminant feeding stuffs from the gas production when they are incubated with rumen liquor. *J. Agr. Science.* **93**: 217-222.

- Mentis, M.T. 1971. Stocking rates and carrying capacities for ungulates on African rangelands. *J. sth. Afr. Wildl. Manage. Assoc.* **7**: 89-98.
- MET. 1998. *Seasonal Wildlife Counts*. Unpublished. Ministry of Environment and Tourism, Namibia.
- Midgley, J.J. & Bond, W.J. 2001. A synthesis of the demography of African acacias. *J. Trop. Ecol.* **17**: 871-876.
- Milewski, A.V., Young, T.P. & Madden, D. 1991. Thorns as induced defences: experimental evidence. *Oecologia.* **86**: 70-75.
- Miller, M. 1994. The fate of mature African Acacia pods and seeds during their passage from the tree to the soil. *J. Trop. Ecol.* **10**: 183-196.
- Milliken, T. Nowell, K. & Thompson, J.B. 1993. *The Decline of the Black Rhino in Zimbabwe: implications for future rhino conservation*. TRAFFIC International, Cambridge.
- Mills, A., Morkel, P., Runyaro, V., Amryo, A., Muruthi, P., Binamungu, T., Borner, M. & Thirgood, S. 2003. *Management of black rhino in the Ngorongoro Crater*. Report: Ngorongoro Black Rhino Workshop 3-4 September 2003.
- Mills, G. & Hes, L. 1997. *The Complete Book of Southern African Mammals*. Cape Town, Struik Publishers.
- Mitchell, A.W. 1977. Preliminary observations on the daytime activity patterns of lesser kudu in Tsavo National Park, Kenya. *E. Afr. Wildl. J.* **15**: 199-206.
- Monadjem, A. 1998. *The Mammals of Swaziland*. The Conservation Trust of Swaziland and Big Game Parks, Swaziland.
- Mooring, M.S. & Hart, B.L. 1995. Costs of allogrooming in impala: distraction from vigilance. *Anim. Behav.* **49**: 1414-1416.
- Moritz, C. 1994. Defining 'evolutionary significant units' for conservation. *Trends in Ecology and Evolution.* **9**: 373-375.
- Moritz, C. 1999. Conservation units and translocations: strategies for conserving evolutionary processes. *Hereditas.* **130**: 217-228.
- Moss, C. 1982. *Portraits in the Wild*. Houghton Mifflin Co., Boston.
- Mosugelo, D.K., Moe, S.R., Ringrose, S. & Nellemann, C. 2002. Vegetation changes during a 36-year period in northern Chobe National Park, Botswana. *Afr. J. Ecol.* **40**: 232-240.

- Murray, B.R. & Dickman, C.R. 1994. Food preferences and seed selection in two species of Australian desert rodents. *Wildlife Research*. **21**: 647-655.
- Murray, B.R. and Dickman, C.R. 1997. Factors affecting selection of native seeds in two species of Australian desert rodents. *J. Arid Environments*. **35**: 517-525.
- MWTC. 2000. *Rainfall Figures*. Unpublished Data. Meteorological Services, Ministry of Works, Transport & Communication. Windhoek, Namibia.
- NACSO. 2003. *Proceedings of the Regional Conference on CBNRM in Southern Africa: Sharing Best Practices for the Future, Windhoek, March 3-7*. Namibia Association of CBNRM Support Organisations (NACSO), Windhoek, Namibia.
- Nagana, J.O. 2002. *Water Resources Management: the case of the Pangani River Basin*. Dar es Salaam Univ. Press, Tanzania.
- Natural Resource Working Group (NRWG). 2001. *Northwest game counts: background information 2001*. NACSO, Namibia.
- Nei, T., Tajima, F. & Tateno, Y. 1983. Accuracy of estimated phylogenetic trees from molecular data. *J. Mol. Evol.* **19**: 153-170.
- Norton, P.M. 1981. Activity patterns of klipspringers in two areas of the Cape Province. *S. Afr. J. Wildl. Res.* **11**: 126-134.
- Nott, T. 1987. *An estimate of plant species composition of river systems in Damaraland and Kaokoland – Hoanib River. Progress Report No.1*. Unpublished. Ministry of Agriculture, Directorate of Nature Conservation and Tourism, South West Africa/Namibia.
- Nugent, G., Sweetapple, P., Coleman, J. & Suisted, P. 2000. *Possum feeding patterns: dietary tactics of a reluctant folivore*. In: *The Brushtail Possum*, (ed.) T.L. Montague. Manaaki Whenua Press, Lincoln, New Zealand. pp. 10-23.
- Oates, L.G. 1973. Food preferences of giraffe in Transvaal lowveld Mopane woodland. *J. sth. Afr. Wildl. Mgmt. Ass.* **2(2)**: 21-23.
- Opperman, M. & Chon, K-S. 1997. *Tourism in developing countries*. International Thomson, Oxford, UK.
- Owen-Smith, G.L. 1970. *The Kaokoveld: an ecological base for future development and planning*. Pinetown, South Africa.
- Owen-Smith, G. 1986. The Kaokoland: South West Africa/Namibia's threatened wilderness. *Afr. Wildl.* **40(3)**: 104-113.

- Owen-Smith, N. & Cooper, S.M. 1987. Palatability of woody plants to browsing ruminants in a South African savanna. *Ecology*. **68**: 319-331.
- Owen-Smith, N. & Cooper, S.M. 1989. Nutritional ecology of a browsing ruminant, the kudu (*Tragelaphus strepciceros*), through the seasonal cycle. *J. Zool (Lond.)*. **219**: 29-43.
- Owen-Smith, R.N. 1994. Foraging responses of kudus to seasonal changes in food resources: elasticity in constraints. *Ecology*. **75**: 1050-1062.
- Pager, S. unknown. *A walk through prehistoric Twyfelfountain*. Typoprint. Windhoek, Namibia.
- Palic, D., Claassens, A.S., Loock, A. & Hattingh, D. (eds.). 1998. *Handbook on feeds and plant analysis*. Agri Laboratory Association of Southern Africa (ALASA), South Africa.
- Panagis, K. & Stander, P.E. 1989. Marking and subsequent movement patterns of Springbok lambs in the Etosha National Park, South West Africa/Namibia. *Madoqua*. **16(1)**: 71-73.
- Parker, D.M., Bernard, R.T.F. & Colvin, S.A. 2003. The diet of a small group of extralimital giraffe. *Afr. J. Ecol.* **41**: 245-253.
- Parris, R. & Child, G. 1973. The importance of pans to wildlife in the kalahari and the effect of human settlements on these areas. *J. Sth. Afr. Wildl. Mgmt. Ass.* **3(1)**: 1-8.
- Patterson, J.L., Goetz, R.H., Doyle, J.T., Warren, J.V., Gaver, O.H., Detweiler, D.K., Said, S.I., Hsernicke, H., McGregor, M., Keen, E.N., Smith, M.H., Hardie, E.L., Reynolds, M. Flatt, W.P. & Waldo, D.R. 1965. Cardio-respiratory dynamics in the ox and giraffe, with comparative observations on man and other mammals. *Ann. N.Y. Acad. Sci.* **127**: 393-413.
- Pearce, D., Barbier, E. & Markandya. A. 1990. *Sustainable development: economics and environment in the third world*. Hants, England & Brookfield, Edward Elgar Publishing Ltd, Vermont, USA.
- Pellew, R.A. 1983a. The giraffe and its food resource in the Serengeti. II. Response of the giraffe population to changes in the food supply. *Afr. J. Ecol.* **21**: 269-283.
- Pellew, R.A. 1983b. The impacts of elephant, giraffe and fire upon the Acacia tortillis woodlands of the Serengeti. *Afr. J. Ecol.* **21**: 41-74.
- Pellew, R.A. 1983c. The giraffe and its food resource in the Serengeti. I. Composition, biomass, and production of available browse. *Afr. J. Ecol.* **21**: 241-267.

- Pellew, R.A. 1984a. The feeding ecology of a selective browser, the giraffe (*Giraffa camelopardalis tippelskirchi*). *J. Zool. (Lond.)*. **202**: 57-81.
- Pellew, R.A. 1984b. *Giraffe and Okapi*. In: MacDonald, D. (ed.) *The Encyclopaedia of Mammals*: 9th edition. George Allen and Unwin, London. pp 534-541.
- Pellew, R.A. 1984c. Food consumption and energy budgets of the giraffe. *J. Appl. Ecol.* **21**: 141-159.
- Penzhorn, B.L. 1971. A summary of the reintroduction of ungulates into South African national parks. *Koedoe*. **14**: 145-159.
- Pickup, G. 1994. Modelling patterns of defoliation by grazing animals in rangelands. *J. Appl. Ecol.* **31**: 231-246.
- Pietruszka, R.D. & Seely, M.K. 1985. Predictability of two moisture sources in the Namib Desert. *Sth. Afr. J. Sci.* **81**: 682-685.
- Pratt, D.M. & Anderson, V.H. 1979. Giraffe cow-calf relationships and social development of the calf in the Serengeti. *Zeitschrift fur Tierpsychologie*. **51**: 233-251.
- Pratt, D.M. & Anderson, V.H. 1982. Population, distribution, and behaviour of giraffe in the Arusha National Park, Tanzania. *J. Natural History*. **16**: 481-489.
- Pratt, D.M. & Anderson, V.H. 1985. Giraffe social behaviour. *J. Natural History*. **19**: 771-781.
- Prins, H.H.T. & Douglas-Hamilton, I. 1990. Stability in a multi-species assemblage of large herbivores in East Africa. *Oecologia*. **83**: 392-400.
- Prins, H.H.T. & van der Jeugd, H.P. 1993. Herbivore population crashes and woodland structure in East Africa. *J. Ecol.* **81**: 305-314.
- Quinn, G.P. & Keough, M.J. 2002. *Experimental Design and Data Analysis for Biologists*. Cambridge University Press, Cambridge.
- Ranta, E., Kaitala, V. & Lundberg, P. 1997. The spatial dimension in population fluctuations. *Science*. **278**: 1621-1623.
- Raymond, M. & Rousset, F. 1995. GENEPOP (version 1.2): population genetics software for exact tests and ecumenicism. *J. Heredity*. **86**: 248-249.
- Reardon, M. 1986. *The besieged desert: war, drought, poaching in the Namib Desert*. Collins, UK. 158pp.
- Redpath, S. 1988. Vigilance levels in preening Dunlin, *Calidris alpina*. *Ibis*. **130**: 555-557.
- Reid, D.G. 2000. *Ecotourism development in Eastern and Southern Africa*. Weaver Press, South Africa.

- Rice, M. & Gibson, C. 2001. *Heat, dust and dreams: An exploration of people and environment in Namibia's Kaokoland and Damaraland*. Struik Publishers, Cape Town, South Africa.
- Richardson, W.J., Greene, C.R., Malme, C.I. & Thomson, D.H. (eds). 1995. *Marine Mammals and Noise*. Academic Press, Inc. San Diego, USA.
- Ringrose, S. & Matheson, W. 1990. Assessment of range conditions in the Botswana Kalahari during the 1980s drought using Landsat MSS data. *Int. J. Remote Sensing*. **12**: 1033-1051.
- Robbins, C.T., Hanley, T.A., Hagerman, A.E., Hjeljord, O., Baker, D.L., Schwartz, C.C. & Mautz, W.W. 1987a. Role of tannins in defending the plants against ruminants: reduction in protein availability. *Ecology*. **68**: 98-107.
- Robbins, C.T., Mole, S., Hagerman, A.E. & Hanley, T.A. 1987b. Role of tannins in defending the plants against ruminants: reduction in dry matter digestion? *Ecology*. **68**: 1606-1615.
- Robertson, A. & Hill, W.G. 1984. Deviations from Hardy-Weinberg proportions: sampling variances and use in estimation of inbreeding coefficients. *Genetics*. **107**: 713-718.
- Robin, E.D., Corson, J.M. & Dammin, G.J. 1960. The respiratory dead space of the giraffe. *Nature (Lond.)*. **186**: 24-26.
- Robinson, M.D. & Seely, M.K. 1980. Physical and biotic environments of the southern Namib dune ecosystem. *J. Arid. Environ.* **3**: 183-203.
- Roca, A.L., Georgiadis, N., Pecon-Slattery, J. & O'Brien, S.J. 2001. Genetic evidence for two species of elephant in Africa. *Science*. **293**: 1473-1477.
- Rohner, C. & Ward, D. 1999. Large mammalian herbivores and the conservation of arid Acacia stands in the Middle East. *Cons. Biol.* **13(5)**: 1162-1171.
- Rookmaaker, L.C. 1983. The observations of Robert Jacob Gordon (1743-1795) on giraffe (Giraffa camelopardalis) found in Namaqualand. *J. SWA Sci. Soc.* 71-90.
- Rooney, S.M., Wolfe, A. & Hayden, T.J. 1998. Autocorrelated data in telemetry studies: time to independence and the problem of behavioural effects. *Mammal Review*. **28(2)**: 89-98.
- Roupsard, O., Ferhi, A., Granier, A., Pallo, F., Depommier, D., Mallet, B., Joly, H.I. & Dreyer, E. 1999. Reverse phenology and dry-season water uptake by Faidherbia albida (Del.) A. Chev. in an agroforestry parkland of Sudanese west Africa. *Functional Ecol.* **13**: 460-472.

- Royama, T. 1992. *Analytical Population Dynamics*. Chapman & Hall, London.
- Ruckebusch, Y., Dougherty, R.W. & Cook, H.M. 1974. Jaw movements and rumen motility as criteria for measurement of deep sleep in cattle. *A. J. Vet. Res.* **35**: 1309-1312.
- Ruess, R.W. & Halter, F.L. 1990. The impact of large herbivores on the Seronera woodlands, Serengeti National Park, Tanzania. *Afr. J. Ecol.* **28**: 259-275.
- Rundel, P.W. & Gibson, A.C. 1996. *Ecological Communities and Processes in a Mojave Desert Ecosystem: Rock Valley, Nevada*. Cambridge University Press, New York, USA.
- Sauer, J.J.C. 1983. A comparison between *Acacia* and *Combretum* leaves utilized by giraffe. *S. Afr. J. Anim. Sci.* **13(1)**: 43-44.
- Sauer, J.J.C., Skinner, J.D. & Nietz, A.W.H. 1982. Seasonal utilization of leaves by giraffe *Giraffa camelopardalis*, and the relationship of the seasonal utilization to the chemical composition. *Sth. Afr. J. Zool.* **17**: 210-219.
- Sauer, J.J.C., Theron, G.K. & Skinner, J.D. 1977. Food preferences of giraffe *Giraffa camelopardalis* in the arid bushveld of the western Transvaal. *Sth. Afr. J. Wildl. Res.* **7(2)**: 53-59.
- Scheepers, L. 1990. The Giraffe: symbol of the African wilderness. *Rossing.* **10**: 1-6.
- Scheepers, J.L. 1992. *Habitat selection and demography of a giraffe population in northern Namib desert, Namibia*. In: Ongulés/Ungulates 91. F. Spitz, J. Janeau, G. Gonzalez et S. Aulangnier (eds). SFPEM-IRGM publications. Toulouse. pp. 223-228.
- Schmidt-Nielsen, K. 1964. *Desert Animals*. Oxford University Press, London.
- Schmidt-Nielsen, K. 1998. *Animal Physiology*. 5th ed. Cambridge Univ. Press, New York, USA.
- Schoeman, A. 1984. *Skeleton Coast*. MacMillan, South Africa.
- Schoener, T.W. 1971. Theory of feeding strategies. *Ann. Rev. Ecol. Syst.* **2**: 369-404.
- Scholander, P.F., Hock, R., Walters, V. & Irving, L. 1950. Adaptation to cold in arctic and tropical mammals and birds in relation to body temperature, insulation, and basal metabolic rate. *Biological Bulletin.* **99**: 259-271.
- Sclater P.L., 1901. On an apparently new species of zebra from the semliki forest. *Proceedings of the Zoological Society of London.* **1901 (1)**: 50-52.

- SDP 2. 1996. *A Study of Desertification at Engelbrecht. Summer Desertification Project II (SDP2)*. Occasional Paper No.3. Desert Research Foundation of Namibia, Namibia.
- Seely, M.K. 1978. The Namib dune desert: an unusual ecosystem. *J. Arid. Envir.* **1**: 117-128.
- Seely, M.K. 1987. *The Namib: Natural history of the ancient desert*. Shell Namibia Pty Ltd., Windhoek, Namibia. 108pp.
- Seely, M.K., Burskirk, W.J. & Hamilton, W.J. 1980. Lower Kuiseb River Perennial Vegetation Survey. *J. Sth. West Africa.* **35**: 57-86.
- Seely, M. & Henschel, J. 1998. *The climatology of Namib fog*. In. Proceedings: 1st International Conference on Fog and Fog Collection. Schemenauer, R.S. and Bridgman, H. (eds). Vancouver, Canada, 353-356.
- Seymour, R.S., Wither, P.C. & Weather, W.W. 1998. Energetics of burrowing, running and free-living in the Namib Desert golden mole (*Eremitalpa namibiensis*). *J. Zool. (Lond.)*. **244**: 107-117.
- Seymour, R. 2002. *Patterns of Subspecies Diversity in the Giraffe, Giraffa camelopardalis (L. 1758): Comparison of Systematic Methods and their Implications for Conservation Policy*. PhD Thesis. Institute of Zoology, Zoological Society of London and The Durrell Institute for Conservation and Ecology, University of Kent, UK.
- Shackleton, S. & Campbell, B. (eds.). 2000. *Empowering communities to manage natural resources. Case studies from Southern Africa*. USAID SADC NRM Project Report No. 690-0251. 12, WWF-SARPO, EU/CIFOR & Common Property STEP Project, CSIR Report.
- Sharon, D. 1981. The distribution in space of local rainfall in the Namib Desert. *J. Climatatology*. **1**: 69-75.
- Sherr, L. 1997. *Tall blondes: a book about giraffes*. Andrew McMeel Publishing, Kansas City, USA.
- Shmida, A. 1985. *Biogeography of the desert flora*. In. Evenari, M., Noy-Meir, I. & Goodall, D.W. (eds.). Hot Deserts and Arid Shrublands: Ecosystems of the World. vol. 12A. Elsevier, Amsterdam.
- Short, H.L. 1975. Nutrition of southern deer in different seasons. *J. Wildl. Manage.* **39**: 321-329.
- Shortridge, G.C. 1934. *The mammals of S.W.A. Volumes 1 & 2*. Heinemann, London.

- Sidney J., 1965. The past and present distribution of some African ungulates. *Transactions of the Zoological Society of London*. **30**: 1-410.
- Siegfried, W. R. 1980. Vigilance and group size in springbok. *Madoqua*. **12(3)**: 151-154.
- Simmons, R.E. & Scheepers, L. 1996. Wining by a neck: sexual selection in the evolution of giraffe. *American Naturalist*. **148(4)**: 771-786.
- Simpson, K., Terry, E. & Hamilton, D. 1997. *Toward a mountain caribou management strategy for British Columbia – habitat requirements and subpopulation status*. British Columbia Ministry of Environment, Lands and Parks Wildlife Working Report WR-90. Victoria, British Columbia.
- Skinner, J.D. & Hall-Martin, A.J. 1975. A note on foetal growth and development of the giraffe *Giraffa camelopardalis giraffa*. *J. Zool. (Lond)*. **177**: 73-79.
- Skinner, J.D & Smithers, R.H.N. 1990. *The Mammals of the Southern African Sub-Region*. University of Pretoria, South Africa.
- Skinner, J.D., van Aarde, R.J. & van Jaarsveld, A.S. 1984. Adaptations in three species of large mammals (*Antidorcas marsupialis*, *Hysterix africae australis*, *Hyaena brunnea*) to arid environments. *S. Afr. Tydskr. Dierk.* **19**: 82-86.
- Southgate, R.I., Masters, P. & Seely, M.K. 1996. Precipitation and biomass changes in the Namib Desert dune ecosystem. *J. Arid. Environ.* **33**: 267-286.
- Spinage, C.A. 1968. A quantitative study of the daily activities of the Uganda defassa waterbuck. *E. Afr. Wildl. J.* **6**: 89-93.
- Stander, P.E., Nott, T.N., Lindeque, P.M. & Lindeque, M. 1990. Mass marking of zebras in the Etosha National Park, Namibia. *Madoqua*. **17(1)**: 47-49.
- Stander, P. & Hanssen, L. 2003. *Namibia Large Carnivore Atlas Report No: 1/2003*. Unpublished. Predator Conservation Trust, Windhoek.
- Stave, J., Oba, G. & Stenseth, N.C. 2001. Temporal changes in woody-plant use and the ekwar indigenous tree management system along the lower Turkwel River, Kenya. *Environ. Cons.* **28(2)**: 150-159.
- Stave, J., Oba, G., Bjora, C.S., Mengistu, Z., Nordal, I. & Stenseth, N.C. 2003. Spatial and temporal woodland patterns along the lower Turkwel River, Kenya. *Afr. J. Ecol.* **41**: 224-236.
- Stewart, D.R.M. & Zaphiro, D.R.P. 1963. Biomass and density of wild herbivores in different East African habitats. *Mammalia*. **27**: 483-496.

- Styles, C.V. & Skinner, J.D. 1997. Seasonal variations in the quality of mopane leaves as a source of browse for mammalian herbivores. *Afr. J. Ecol.* **35**: 254-265.
- Sullivan, S. 2002. *How sustainable is the communalising discourse of 'new' conservation? The masking of difference, inequality and aspiration in the fledging 'conservancies' of Namibia.* In: Chatty, D. & Cholchester, M. (ed.). 2002. Conservation and mobile indigenous people: displacement, forced settlement and sustainable development. Bergham Press, Oxford.
- Sullivan, S. & Homewood, K. 2004. *Natural resources: use, access, tenure and management.* In: Bowyer-Bower, T. Potts, D, (eds.). 2004. Eastern and Southern Africa, new regional text commission by the Institute of British Geographers' Developing Areas Research Group, London. Addison Wesley Longman, London.
- Swihart, R.K., Slade, N.A. & Bergstrom, B.J. 1988. Relating body size to the rate of home range use in mammals. *Ecology.* **69**: 393-399.
- Swofford, D.L. 2003. *PAUP*. Phylogenetic Analysis Using Parsimony (*and other methods). Version 4.0b10.* Sinauer Associates, Sunderland, Maryland, USA.
- Tagg, J. 2004. *Registered Namibian communal conservancies map 2004.* Unpublished. Ministry of Environment and Tourism, Namibia.
- Takezaki, N. & Nei, M. 1996. Genetic distances and reconstruction of phylogenetic trees from microsatellite DNA. *Genetics.* **144**: 389-399.
- Tarou, L.R., Bashaw, M.J. & Maple, T.L. 2000. Social attachment in giraffe: Response to social separation. *Zoo Biology.* **19**: 41-51.
- Tarr, P.W. 1986. *Skeleton Coast Park Report - 1990.* Unpublished. Department of Agriculture & Conservation, Namibia.
- Tarr, P.W. & Tarr, J.G. 1989. Veld dynamics and utilisation of vegetation by herbivores on the Ganias Flats, Skeleton Coast Park, SWA/Namibia. *Madoqua.* **16**(1): 15-22.
- Taylor, C.R. 1968. The minimum requirements of some East African bovids. *Symp. Zool. Soc. Lond.* **21**: 195-206.
- Taylor, C.R. 1969. The eland and the oryx. *Sci. Amer.* **220**: 88-95.
- Taylor, R. 2001. *Participatory Natural Resource Monitoring and Management: Implications for Conservation.* In: Hulme & Murphree (eds.). 2001. African Wildlife and Livelihoods: The Promise and Performance of Community Conservation. James Currey, Oxford.

- Tedesco, P.A., Hugueny, B., Paugy, D. & Fermon, Y. 2004. Spatial synchrony in population of West African fishes: a demonstration of an intraspecific and interspecific Moran effect. *J. Anim. Ecol.* **73**(4): 693-705.
- Terkenli, T.S. 2001. Local perceptions of tourism impacts on place identity: the case of northern Crete. *Tourism.* **49**(3): 241-254.
- Thouless, C. 1996. Home ranges and social organization of female elephants in northern Kenya. *Afr. J. Ecol.* **33**: 248-297.
- Tilson R.L. 1977. Palewinged Starlings and Klipspringers in the Kuiseb Canyon, Namib Desert Park. *Ostrich.* **48**: 110–111.
- Tinley, K.L. 1969. Dikdik *Madoqua kirki* in South West Africa: Notes on distribution, ecology and behaviour. *Madoqua.* **1**: 7-73.
- Tobler, I. & Schwierin, B. 1996. Behavioural sleep in the giraffe (*Giraffa camelopardalis*) in a zoological garden. *J. Sleep Res.* **5**: 21-32.
- Underwood, R. 1982. Vigilance behaviour in grazing African antelopes. *Behaviour.* **79**: 81-107.
- Urban Dynamics Africa, 1999. *Legislative, Institutional and Environmental framework for Tourism Development in the Communal Areas of the Kunene and Erongo Regions.* Unpublished. Windhoek.
- van de Koppel, J. & Prins, H.T. 1998. The importance of herbivore interactions for the dynamics of African savanna woodlands: an hypothesis. *J. Trop. Ecol.* **14**: 565-576.
- van de Vijver, C.A.D.M., Foley, C.A. & Olf, H. 1999. Changes in the woody component of an East African savanna during 25 years. *J. Trop. Ecol.* **15**: 545-564.
- van der Jeugd, H.P. & Prins, H.H.T. 2000. Movements and group structure of giraffe (*Giraffa camelopardalis*) in Lake Manyara National Park, Tanzania. *J. Zool., Lond.* **251**: 15-21.
- van Essen, L.D., Bothma, J. du P., van Rooyen, N. & Trollope, W.S.W. 2002. Assessment of the woody vegetation of Ol Choro Oiroua, Masai Mara, Kenya. *Afr. J. Ecol.* **40**: 76-83.
- van Soest, P.J. 1967. Development of a comprehensive system of feeding analysis and its application for forages. *J. Anim. Sci.* **26**: 119-128.
- van Wyk, P. & Fairall, N. 1969. The influence of African elephant on the vegetation of Kruger National Park. *Koedoe.* **9**: 57-95.

- Vangilder, L.D., Torgenson, O. & Porath, W.R. 1982. Factors influencing diet selection by white-tailed deer. *J. Wildl. Manage.* **46(3)**: 711-718.
- Vaughan, K. & Katjiua, J. 2002. *An Overview of Community-based Natural Resource Management and Rural Livelihoods in Khoadi //Hoas Conservancy, Kunene*. WILD Working Paper, Dfid, UK.
- Vaughan, K., Katjiua, J.B. & Branston, N. 2004. *Whose Thirst First? A Review of Human Elephant Conflict and Mitigation Measures around Water Points and Gardens in Kunene Region*. WILD Working Paper, Dfid, UK.
- Vaughan, C., Katjiua, J.B., Mulonga, S. & Branston, N. 2003. *Living with Wildlife. Proceedings of Workshop to Evaluate Wildlife Utilization and Human Wildlife Conflict with Community Game Guards in Kunene, May 2003*. WILD Working Paper, Dfid, UK.
- Veron, G., Heard Rosenthal, S., Long, B. & Robertson, S. 2004. The molecular systematics and conservation of an endangered carnivore, the Owston's palm civet Chrotogale owstoni (Thomas, 1912) (Carnivora, Viverridae, Hemigalinae). *Anim. Conserv.* **7**: 107-112.
- Vijver, C.A.D.M., de Van, Foley, C.A. & Olf, H. 1999. Changes in the woody component of an East African savanna during 25 years. *J. Trop. Ecol.* **15**: 545-564.
- Viljoen, P.J. 1980. *Veldtypes: The distribution of the larger mammals, and certain aspects of Kaokoland ecology*. M.Sc. dissertation, University of Pretoria, South Africa.
- Viljoen, P.J. 1981. Giraffes of the Desert. *Afri. Wildl.* **35(1)**: 31-32.
- Viljoen, P.J. 1982. The distribution and population status of the larger mammals in Kaokoland, South West Africa/Namibia. *Cimbebasia (A)* **7**: 5-33.
- Viljoen, P.J. 1988. *The ecology of the desert-dwelling elephants Loxodonta africana (Blumenbach, 1797) of western Damaraland and Kaokoland*. PhD Thesis. University of Pretoria, South Africa.
- Viljoen, P.J. 1989a. Spatial distribution and movements of elephants (Loxodonta africana) in the northern Namib Desert region of the Kaokoveld, South West Africa/Namibia. *J. Zool. (Lond.)*. **219**: 1-19.
- Viljoen, P.J. 1989b. Habitat selection and preferred food plants of a desert-dwelling elephant population in the northern Namib Desert, South West Africa/Namibia. *Afr. J. Ecol.* **27**: 227-240.

- Viljoen P.J & Bothma J. du P. 1990a. Daily movements of desert-dwelling elephants in the northern Namib Desert. *S. Afr. J. Wildl. Res.* **20** (2): 69-72.
- Viljoen P.J & Bothma J. du P. 1990b. The influence of desert-dwelling elephants on vegetation in the northern Namib Desert, South West Africa/Namibia. *J. of Arid Environ.* **18**: 85-96.
- von Muggenthaler, E., Baes, C., Fulk, R., Hill, D., Harris, K. & Lee, A. 2001. *Vocalizations from the giraffe*. National Conference of the American Zoo and Aquarium Association 2001, USA.
- Von Willert, D.J., Eller, B.M., Werger, M.J.A., Brinckmann, E. & Ihlenfeldt, H.D. 1992. *Life Strategies of Succulents in Deserts*. Cambridge University Press.
- Ward, J.D. & Breen, C.M. 1983. Drought Stress and the Demise of *Acacia albida* along the Lower Kuiseb River, central Namib Desert: Preliminary Findings. *Sth Afr. J. Sci.* **79**: 444-447.
- Walker, C. 1978. Kaokoveld: Who is doing the killing now? *Afr. Wildl.* **32**(6): 16-21.
- Warnken, J. & Buckley, R. 2000. Monitoring Diffuse Impacts: Australian Tourism Developments. *Environ. Manage.* **25**: 453-461.
- Warren, J.V. 1974. The physiology of the giraffe. *Sci. Am.* **231**: 96-105.
- Wathen, W.G., McCracken, G.F. & Pelton, M.R. 1985. Genetic variation in black bears from the Great Smoky Mountains National Park. *J. Mammal.* **66**: 564-7.
- Watson, L.H. & Owen-Smith, N. 2000. Diet composition and habitat selection of eland in semi-arid shrubland. *Afr. J. Ecol.* **38**: 130-137.
- Watson, L.H. & Owen-Smith, N. 2002. Phenological influences on the utilization of woody plants by eland in semi-arid shrubland. *Afr. J. Ecol.* **40**: 65-75.
- Weir, B.S. & Cockerham, C.C. 1984. Estimating F-statistics for the analysis of population structure. *Evolution.* **38**: 1358-1370.
- Wessels, D.C.J. 1989. Lichens of the Namib Desert, Namibia. *Dintera.* **20**: 3-28.
- Western, D. 1975. Water availability and its influence on the structure and dynamics of a savanna large mammal community. *E. Afr. Wildl. J.* **13**: 265-286.
- Western, D. & van Praet, C. 1973. Cyclical changes in the habitat and climate of an East African ecosystem. *Nature.* **241**: 104-106.
- White, F. 1983. *The vegetation of Africa, a descriptive memoir to accompany the UNESCO/AETFAT/UNSO Vegetation Map of Africa (3 Plates, Northwestern Africa, Northeastern Africa, and Southern Africa, 1:5,000,000)*. UNESCO, Paris.

- Whitford, W.G. 2002. *Ecology of Desert Systems*. Academic Press, California, USA.
- Wickens, G.E. 1998. *Ecophysiology of economic plants in arid and semi-arid lands. Adaptations of desert organisms*. Springer-Verlag, Berlin.
- Wing, L.D. & Buss, I.O. 1970. Elephant and forests. *Wildl. Monographs*. **19**: 1-91.
- Wobeser, G. 2002. Disease management strategies for wildlife. *Rev. sci. tech. Off. Int. Epiz.* **21(1)**: 159-178.
- Woolnough, A.P. & du Toit, J.T. 2001. Vertical zonation of browse quality in tree canopies exposed to a size-structured guild of African browsing ungulates. *Oecologia*. **129**: 585-590.
- Yaron, G., Healy, T. & Tapscott, C. 1994. *The economics of wildlife in Namibia*. In: Bojo, J. (Ed.). *The economics of wildlife*. White Cover Report, Environmentally Sustainable Development Division, Technical Department, Africa Region, The World Bank, Washington, DC, USA. 49-86pp.
- Young, E. 1969. The significance of infectious diseases in African Game populations. *Zool. Afr.* **4(2)**: 275-281.
- Young, E. 1992. *Game farming and wildlife management*. Eddie Young Publishers, South Africa.
- Young, T.P. & Isbell, L.A. 1991. Sex differences in giraffe feeding ecology: energetic and social constraints. *Ethology*. **87**: 79-89.