

REFERENCES

- ACOCKS, J.P.H. 1988. *Veld Types of South Africa*. Memoirs of the Botanical Survey of South Africa No. 57. 3rd edition. Pretoria: Botanical Research Institute.
- ANONYMOUS. 1979. Vultures identified as carriers and containers of anthrax. *African Journal of Science* 75: 54.
- BARNES, R.F.W. 1980. The decline of the baobab tree in Ruaha National Park, Tanzania. *African Journal of Ecology* 18: 243 - 252.
- BARNES, R.F.W. 1983. Effects of elephant browsing on woodlands in a Tanzanian national park: measurements, models and management. *Journal of Applied Ecology* 20: 521 - 539.
- BARNES, R.F.W., BARNES, K.L. and E.B. KAPELA. 1994. The long-term impact of elephant browsing on baobab trees at Msembe, Ruaha National Park, Tanzania. *African Journal of Ecology* 32: 177 - 184.
- BEN-SHAHAR, R. 1993. Patterns of elephant damage to vegetation in northern Botswana. *Biological Conservation* 65: 249 - 256.
- BEN-SHAHAR, R. 1996. Woodland dynamics under the influence of elephants and fire in northern Botswana. *Vegetatio* 123: 153 - 163.
- BOND W.J. and B.W. VAN WILGEN. 1996. *Fire and Plants*. London : Chapman and Hall.
- BRYNARD, A.M. 1964. The influence of veld burning on the vegetation and game of the Kruger National Park. In: DAVIS D.H.S. (ed). *Ecological studies in southern Africa*. The Hague: Dr. W. Junk.
- CAUGHLEY, G. 1976. The elephant problem - an alternative hypothesis. *East African Wildlife Journal* 14: 265-283.
- COATES PALGRAVE, K. 1956. *Trees of Central Africa*. National Publications Trust.
- COATES PALGRAVE, K. 1984. *Trees of Southern Africa*. Cape Town : C Struik.
- COETZEE, B.J., ENGELBRECHT, A.H., JOUBERT, S.C.J. and P.F. RETIEF. 1979. Elephant impact on *Sclerocarya caffra* trees in *Acacia nigrescens* tropical plains thornveld of the Kruger National Park. *Koedoe* 22: 39-60.
- CUMMING, D.H.M., BROCK FENTON, M., RAUTENBACH, I.L., TAYLOR, R.D., CUMMING, G.S., CUMMING, M.S., DUNLOP, J.M., FORD, A.G., HOVORKA,

- M.D., JOHNSTON, D.S., KALCOUNIS, M., MAHLANGU, Z. and C.V.R. PORTFORS. 1997. Elephants, woodlands and biodiversity in southern Africa. *South African Journal of Science* 93: 231 - 236.
- DE VOS, V., VAN ROOYEN, G.L. and J.J. KLOPPERS. 1973. Anthrax immunization in free-ranging roan antelope *Hippotragus equinus* in the Kruger National Park. *Koedoe* 16: 11 - 25.
- ENGELBRECHT, A.H. 1979. Olifantinvloed op *Acacia nigrescens*-bome in 'n gedeelte van die Punda Milia-Sandveld van die Nasionale Krugerwildtuin. *Koedoe* 22: 29-37.
- FOURIE, P.F. and G. DE GRAAF. 1992. *Kruger National Park questions and answers*. Cape Town : Struick.
- GERMISHUIZEN, G. 1997. *Wild flowers of northern South Africa*. Vlaeberg : Fernwood press.
- GERTENBACH, W.P.D. 1980. Rainfall patterns in the Kruger National Park. *Koedoe* 23: 35 - 43.
- GERTENBACH, W.P.D. 1983. Landscapes of the Kruger National Park. *Koedoe* 26: 9 - 122.
- GERTENBACH, W.P.D. 1987. 'n *Ecologiese studie van die suidelikste mopanieveld in die Nasionale Krugerwildtuin*. Dsc thesis, University of Pretoria, Pretoria.
- GUY, P.R. 1982. Baobabs and elephants. *African Journal of Ecology* 20: 215 - 220.
- HALL-MARTIN, A. 1986. *Elephants of Africa*. Cape Town : Struick.
- HERREMANS, M. 1995. Effects of woodland modification by African Elephant (*Loxodonta africana*) on bird diversity in northern Botswana. *Ecography* 18: 440 - 454.
- HOFT, R. and M. HOFT. 1995. The differential effects of elephants on rain forest communities in the Shimba Hills, Kenya. *Biological Conservation* 73: 67 - 79.
- JACHMANN, H. and R.H.V. BELL. 1985. Utilization by elephants of the *Brachystegia* woodlands of the Kasungu National Park, Malawi. *African Journal of Ecology* 23: 245 - 258.
- JOUBERT, S.C.J. 1976. *The population ecology of the roan antelope, Hippotragus equinus equinus (Desmarest, 1804), in the Kruger National Park*. MSc thesis, University of Pretoria, Pretoria.
- JOUBERT, S.C.J. 1986. The Kruger National Park - an introduction. *Koedoe* 29: 1 - 11.

- KABIGUMILA, J. 1993. Feeding habits of elephants in Ngorongoro Crater, Tanzania. *African Journal of Ecology* 31: 156 - 164.
- KREBS, C.J. 1994. *Ecology*. New York : Harper Collins.
- KRUGER, T.J. 1973. *Bome struik en rankplante*. Bethal : Published by the author.
- LEUTHOLD, W. 1996. Recovery of woody vegetation in Tsavo National Park, Kenya, 1970-94. *African Journal of Ecology* 34: 101 - 112.
- LOCK, J.M. 1993. Vegetation change in Queen Elizabeth National Park, Uganda. *African Journal of Ecology* 31: 106 - 117.
- LOW, A.B. and A.G. REBELO. 1996. *Vegetation of South Africa, Lesotho and Swaziland*. Pretoria : Department of Environmental Affairs and Tourism.
- MOOLMAN, H.J. and R.M. COWLING. 1994. The impact of elephant and goat grazing on the endemic flora of South-African succulent thicket. *Biological Conservation* 68: 53 - 61.
- PALMER, E. 1977. *A field guide to the trees of Southern Africa*. Johannesburg : Collins.
- PALMER, E. and N. PITMAN. 1961. *Trees of South Africa*. Cape Town : A.A. Balkema.
- PIEARCE, G.D., CALVERT, G.M., SHARP, C. and P. SHAW. 1994. Sooty baobabs - disease or drought?. *Zimbabwe Forestry Commission Research Paper* 6: 1 - 13.
- PIENAAR, U. de V. 1961. A second outbreak of anthrax amongst game animals in the Kruger National Park. *Koedoe* 4: 4 - 17.
- PIENAAR, U. de V. 1963. The large mammals of the Kruger National Park, their distribution and present day status. *Koedoe* 6: 1 - 37.
- PIENAAR, U. de V. 1966. The reptile fauna of the Kruger National Park. *Koedoe* 9: 1 - 223.
- PIENAAR, U. de V. 1967. Epidemiology of anthrax in wild animals and the control of anthrax epizootics in the Kruger National Park, South Africa. *Federation Proceedings* 26: 1496 - 1502.
- POOLEY, E. 1993. *Trees of Natal*. Durban: Natal Flora Publications Trust.
- PRINS, H.H.T. and H.P. VAN DER JEUGD. 1993. Herbivore population crashes and woodland structure in East Africa. *Journal of Ecology* 81: 305 - 314.
- SCHULZE, B.R. 1947. The climates of South Africa according to the classifications of Koppen and Thornthwaite. *South African Geographical Journal* 29: 32-42

- SELLIN, A. 1994. Sapwood heartwood proportion related to tree diameter, age, and growth-rate in *Picea abies*. *Canadian Journal of Forest Research* 24: 1022 - 1028.
- SELLIN, A. 1996. Sapwood amount in *Picea-abies* (L) Karst determined by tree age and radial growth-rate. *Holzforschung* 50: 291 - 296.
- SMITHERS, R.H.N. 1983. *The Mammals of the Southern African Subregion*. Pretoria: University of Pretoria.
- STEPHENSON, N.L. and A. DEMETRY. 1995. Estimating ages of giant sequoias. *Canadian Journal of Forest Research* 25: 223 - 233.
- STEVENSON-HAMILTON, J. 1937. *South African Eden*. London: Cassel.
- SWANEPOEL, C.M. 1993. Baobab damage in Mana Pools National Park, Zimbabwe. *African Journal of Ecology* 31: 220 - 235.
- SWANEPOEL, C.M. and S.M. SWANEPOEL. 1986. Baobab damage by elephant in the middle Zambezi Valley, Zimbabwe. *African Journal of Ecology* 24: 129 - 132.
- SWART, E.R. 1963. Age of the baobab tree. *Nature* 198: 708 - 709.
- TARODA, N. and P.E. GIBBS. 1982. Floral biology and breeding system of *Sterculia chicha* St. Hil. (Sterculiaceae). *The New Phytologist* 90: 735 - 743.
- TCHAMBA, M.N. 1995. The impact of elephant browsing on the vegetation in Waza National Park, Cameroon. *African Journal of Ecology* 33: 184 - 193.
- TCHAMBA, M.N. and H. MAHAMAT. 1992. Effects of elephant browsing on the vegetation in Kalamaloue National Park, Cameroon. *Mammalia* 56: 533 - 540.
- TROLLOPE, W.S.W. 1990. Veld management with specific reference to game ranching in the grassland and savanna areas of South Africa. *Koedoe* 33: 77 - 86.
- TYRRELL, L.E. and T.R. CROW. 1994. Structural characteristics of old-growth hemlock-hardwood forests in relation to age. *Ecology* 75: 370 - 386.
- VAN WILGEN, B.W., BIGGS, H.C. and A.L.F. POTGIETER. 1998. Fire management and research in the Kruger National Park with suggestions on the detection of thresholds of potential concern. *Koedoe* 41: 69 - 87.
- VAN WYK, P. 1974. *Trees of the Kruger National Park*. Cape Town: Purnell.
- VAN WYK, P. 1984. *Field guide to the trees of the Kruger National Park*. Cape Town: Struik.
- VAN WYK, P. and N. FAIRALL. 1969. The influence of the African elephant on the vegetation of the Kruger National Park. *Koedoe* 12: 57 - 89.

- VENTER, F. and J. VENTER. 1996. *Making the most of indigenous trees*. Pretoria : Briza.
- VENTER, F.J. and J.W. BRISTOW. 1986. An account of the Geomorphology and drainage of the Kruger National Park. *Koedoe* 29: 117 - 124.
- VENTER, F.J. and W.P.D. GERTENBACH. 1986. A cursory review of the climate and vegetation of the Kruger National Park. *Koedoe* 29: 139 - 148.
- VILJOEN, A.J. 1995. The influence of the 1991/92 drought on the woody vegetation of the Kruger National Park. *Koedoe* 38: 85 - 97.
- VON BREITENBACH, F. 1985. Aantekeninge oor die groeitempo van aangeplante kremetartbome (*Adansonia digitata*) en opmerkinge ten opsigte van lewenstyd, groeifases en genetiese variasie van die spesie. *Dendrologiese Tydskrif* 5: 1 - 21.
- VON WELL, H. 1997. Technical guidelines for the monitoring of *Adansonia digitata* on Messina Nature Reserve. Internal Memorandum.
- WALTER, H. 1963. Climatic diagrams as a means to comprehend the various climatic types for ecological and agricultural purposes. In: RUTTER, A. J. & WHITEHEAD, F. H. (eds). *The water relations of plants*. London: Blackwell.
- WEYERHAEUSER, F.J. 1985. Survey of elephant damage to baobabs in Tanzania's Lake Manyara National Park. *African Journal of Ecology* 23: 235 - 243.
- WHELAN, R.J.. 1995. *The ecology of fire*. Cambridge : University Press.
- WHYTE, I.J., VAN ARDE, R., and S.L. PIMM. 1996. Managing the elephants of the Kruger National Park. *Animal Conservation* 1: 77 - 83.
- WICKENS, G.E. 1982. The baobab - Africa's upside down tree. *Kew Bulletin* 37: 173 - 209.
- WILSON, R.T. 1988. Vital statistics of the baobab. *African Journal of Ecology* 26: 197 - 206.
- YANG, K.C. and H.G. MURCHISON. 1992. Sapwood thickness in *Pinus contorta* var. *latifolia*. *Canadian Journal of Forest Research* 22: 2004 - 2006.