

## 8 REFERENCES

- ALBL, P., 1971. Studies on Assessment of Physical condition in African elephants. *Biological Conservation* **3**, 134-140.
- ARTHUR, S.M. & SCHARTZ, C.C., 1999. Effects of sample size on accuracy and precision of brown bear home range model. *Ursus* **11**, 139-148.
- BALDUS, R.D. & SIEGE, L., 2001. Experiences with community based wildlife conservation in Tanzania. *Tanzania Wildlife Discussion Paper No. 29*, Selous Conservation Programme, GTZ, Dar es Salaam, Tanzania, pp 60.
- BALDUS, R.D., HAHN, R., MPANDUJI, D.G., SIEGE, L. ET AL., 2003. The Selous-Niassa Corridor. *Tanzania Wildlife Discussion Paper No. 34*, Selous Conservation Programme, GTZ. Dar es Salaam, Tanzania.
- BARNES, R.F.W., 1999. Is there a future for elephants in West Africa? *Mammalian Review* **29**, 175-199.
- BARNES, R.F.W., CRAIG, G.C., DUBLIN, H.T., OVERTON, G., SIMONS, W. & THOULESS, C.R., 1998. African Elephant Data Base. *Occasional paper of the IUCN species survival commission No. 22*.
- BENNETT, A.F., 1999. Linkage in the landscape; The Role of Corridors and Connectivity in Wildlife Conservation. IUCN, Gland, Switzerland.
- BLANC, J. J., THOULESS, C.R., HART, J.A., DUBLIN, H.T., DOUGLAS-HAMILTON, I., CRAIG, C.G & BARNES, R.W.F., 2003. African Elephant Status Report. An update from the African Elephant Data Base. IUCN, Gland, Switzerland.
- BORNER, M., 1985. The increasing isolation of the Tarangire National Park. *Oryx* **19**, 91-96.
- BENJAMIN, M.M., 1986. *Outline of veterinary clinical pathology*. 3<sup>rd</sup> ed. Iowa State University Press, Ames, Iowa, USA.
- BOWEN, W.D., 1982. Home range and spatial organization of coyotes in Jasper National Park, Alberta. *Journal of Wildlife Management* **46**, 201-216.
- BROWN, I.R.F. & WHITE, P.T., 1980. Elephant blood haematology and chemistry. *Comparative Biochemistry and Physiology* **65**, 1-12.
- BURKEY, T.M., 1994. Faunal collapse in East African game reserves revisited. *Biological Conservation* **71**, 107-110.
- BURNHAM, K.P., ANDERSON, D.R. & LAAKE, J.L., 1985. Efficiency and bias in strip and line transect sampling. *Journal of Wildlife Management* **49**, 1012-1018.
- BURROWS, R., HOFER H. & EAST M.L., 1994. Demography, extinction and intervention in a small population: the case of the Serengeti wild dogs. *Proceedings of the Royal Society London B* **256**, 281-292.
- CAMPBELL, K.L.I. & HOFER, H., 1995. People and wildlife: spatial dynamics and zones of interaction. In SINCLAIR, A.R.E., ARCESE, P. (eds.), *Serengeti II - Dynamics, management, and conservation of an ecosystem*. University of Chicago Press, Chicago, USA, pp 534-570.
- CAUGHLEY, G., SICLAR, R., & SCOTT-KINNIS, D., 1976. Experiments in Aerial Survey. *Journal of Wildlife Management* **40**, 290-300.
- CHESSON, P.L., 1978. Predator-prey theory and variability. *Annual Review of Ecology and Systematics* **9**, 323-347.
- CHESSON, P.L., 1983. Coexistence of competitors in a stochastic environment: the storage effect. In: FREEMAN, H.I. & STROBECK, C. (eds.), *Population biology. Lecture Notes in Biomathematics* **52**, Springer-Verlag, New York, New York, USA, pp 188-198.

## The Selous-Niassa Wildlife Corridor

---

- CIMU [CONSERVATION INFORMATION AND MONITORING UNIT], 2001. *Aerial census in the Selous-Niassa Corridor, wet and dry season, 2000*. Tanzania Wildlife Research Institute, Arusha Tanzania.
- COETSEE, C., 1996. Elephant translocation. *Pachyderm* **22**, 81–82.
- COLES, E.H., 1986. *Veterinary clinical pathology*. 4<sup>th</sup> ed. W.B. Saunders Company, Philadelphia, USA.
- CROSS, P.C., BEISSINGER, S.R., 2001. Using logistic regression to analyze the sensitivity of PVA models: a comparison of methods based on African wild dog models. *Conservation Biology* **15**, 1335-1346.
- DIAMOND, A.W., 1981. The continuum of insularity: The relevance of equilibrium theory to the conservation of ecological islands. *African Journal of ecology* **19**, 209-212.
- DOUGLAS, C.P., 1994. Anaesthesia and chemical restraints. In: MIKOTA, S.K. SARGENT, E.L. & LANGLACK, G.S. (eds.), *Medical management of the elephants*. Indira Publishing House, West Bloomfield, Michigan, USA.
- DOUGLAS-HAMILTON, I., 1971. Radio tracking of elephants. In *Proceedings of the symposium on biotelemetry*. CSIR, Pretoria, South Africa.
- DOUGLAS-HAMILTON, I., 1976. *Selous Census zone. DANIDA/IUCN Aerial Count, Wet and Dry Season*. Typescript.
- DOUGLAS-HAMILTON, I., 1973. On ecology and behaviour of the Lake Manyara elephants. *East African Wildlife Journal* **11**, 401-403.
- DOXEY, D.L., 1983. *Clinical pathology and diagnostic procedures*. 2<sup>nd</sup> ed. Bailliere, Tindal, U.K.
- DUBLIN, H.T. & DOUGLAS-HAMILTON, I., 1987. Status and trends of elephants in the Serengeti-Mara ecosystem. *African Journal of Ecology* **25**, 19-33.
- DUBLIN, H.T., 2003. African elephant specialist group report. *Pachyderm* **34**.  
<http://www.iucn.org/themes/ssc/ssg/afesg/pachy/pachy34.html>. Accessed Nov 2004.
- DU TOIT, J.G., 2001. *Veterinary Care of African Elephants*. SA Veterinary Foundation/Norvatis Wildlife Fund.RSA.
- DYTHAM, C., 2003. *Choosing and Using Statistics. A Biologists Guide*. 2<sup>nd</sup> ed. Blackwell Publishing.
- ELKAN, P.W., PLANTON, H.P., POWELL, J.A., HAIGH, J.A., & KARESH, W.B., 1998. Chemical immobilization of African elephants in lowland forest, southwest Cameroon. *Pachyderm* **25**, 32–37.
- ESRI, 1996. Arc View, GIS. *The Geographic Information System*. Environmental System Research Institute, Inc. USA.
- FAHIG, L. & MERRIAM, G., 1994. Conservation of fragmented populations. *Conservation Biology* **8**, 50-59.
- FIEDLER, P.L & JAIN, S.K., 1992. *Conservation Biology, The theory and practise of nature conservation, preservation and management*. Chapman Hall, New York, USA.
- GALANTI, V., TOSI, G., ROSSI, R., & FOLEY, C., 2000. The use of GPS radio collars to track elephants (*Loxodonta africana*) in Tarangire National Park, Tanzania. *Hystrix* **11**, 27-37.
- GAMASA, D.M., 1998. Stakeholder analysis for the conservation and management of critical wildlife corridors project in northern Tanzania. *Technical report submitted to UNDP*, Dar es Salaam, Tanzania.
- GINSBERG, J & COLE, M., 1994. Wild at Heart. *New Scientist*, 19th November, 34-39.
- GINSBERG, J.R., ALEXANDER, K.A., CREEEL, S., KAT, P.W., MCNUTT, J.W. & MILLS, M.G.L., 1995. Handling and Survivorship of wild dogs (*Lycon pictus*) in five ecosystems. *Conservation Biology* **9**, 665-674.
- HAHN, R., 2001. *Expert meeting: Selous–Niassa Wildlife Corridor information materials*. Selous

- Conservation Programme/GTZ/UNDP/GEF.* Dar es Salaam, Tanzania, April 2001.
- HALL-MARTIN, A., 1984. Conservation and Management of elephants in Kruger National Park, South Africa. In CUMMING, D.H.M. & JACKSON, P. (eds.), *The status and conservation of Africa's Elephants and Rhinos*. IUCN, Gland, Switzerland.
- HALTENORTH, T. & DILLER, H., 1986. *A field Guide to Mammals of Africa including Madagascar*. Collins, London, U.K.
- HANKS, J., 2003. Transfrontier conservation areas in South Africa: Their role in conserving biodiversity, socio-economical development and promoting a culture of peace. *Journal of Sustainable Forestry* **17**, 127-148.
- HANSKI, I. & GILPIN, M.E., 1997. *Metapopulation biology. Ecology, genetics, and evolution*. Academic Press, London, U.K.
- HARRIS, S., CRESSWELL, W.J., FORDE, P.G., TREWHELLA, W.J., WOOLLARD, T. & WRAY, S., 1990. Home-range analysis using radio-tracking data - a review of problems and techniques particularly as applied to the study of mammals. *Mammal Review* **20**, 97-123.
- HESS, G., 1996. Disease in metapopulations: implications for conservation. *Ecology* **77**, 1617-1632.
- HILDEBRANDT, T.B., GÖRITZ, F., PRATT, N.C., SCHMITT, D.L., QUANDT, S., RAATH, J. & HOFMANN, R.R., 1998. Reproductive assessment of male elephants (*Loxodonta africana* and *Elephas maximus*) by ultrasonography. *Journal of Zoo Wildlife Medicine* **29**, 114-128.
- HOARE, R.E., 1999a. Reducing drug induction time in the field immobilization of elephants. *Pachyderm* **27**, 49-54.
- HOARE, R.E., 1999b. Data collection and analysis protocol for human-elephant conflict situation in Africa. *A document prepared for the IUCN African elephant specialist groups human-elephant conflict task force.* <http://iucn.org/themes/ssc/ssgs/afesg/>. Accessed Nov 2004.
- HOARE, R., 2000. Effects of habitat on visibility of elephants during aerial census. *Pachyderm* **29**, 25-28.
- HOOG, P.N., & EICHENLAUB, B., 2000. *Animal movement extension to Arc view 2.0*. Alaska Science Centre Biological Science Office, US Geological Survey Anchorage, AK, USA.
- HÖNER, O.P., WACHTER, B., EAST, M.L. & HOFER, H., 2002. The response of spotted hyenas to long-term changes in prey populations: Functional response and interspecific kleptoparasitism. *Journal of Animal Ecology* **71**, 236-246.
- HOFER, H., CAMPBELL, K.L.I., EAST, M.L. & HUISH, S.A., 1996. The impact of game meat hunting on target and non-target species in the Serengeti. In TAYLOR, V.J. & DUNSTONE, N. (eds.), *The exploitation of mammal populations*. Chapman and Hall, London, U.K., pp 117-146.
- HOFER, H., CAMPBELL, K.L.I., EAST, M.L. & HUISH, S.A., 2000. Modeling the spatial distribution of the economic costs and benefits of illegal game meat hunting in the Serengeti. *Natural Resource Modelling* **13**, 151-177.
- HOLMES, J., 1995. *Natural Forest Handbook for Tanzania, Forest Ecology and Management, Volume 1*. Sokoine University of Agriculture, Morogoro, Tanzania.
- HUDSON, W.E., 1991. *Landscape linkages and biodiversity*. Island Press, Washington, USA.
- HUGHES, L., 2000. The protected landscape Approach: A new for African wildlife management. African wildlife in the new millennium. *Proceedings of a conference held at the College of African Wildlife Management*, 13-15 December 2000, Mweka, Moshi, Tanzania.
- IUCN, 1986. *Directory of Afrotropical Protected Areas*. IUCN, Gland, Switzerland.
- IUCN, 1987. *Action Strategy for Protected Areas in the Afrotropical Realm*. IUCN, Gland, Switzerland.
- IUCN, 1990. *Biodiversity in Sub-Saharan Africa and its islands: Conservation, Management, and Sustainable use*. IUCN, Gland, Switzerland.

## The Selous-Niassa Wildlife Corridor

---

- IUCN, 2003. *Action Plan for the Management of Transfrontier Elephant ConservationCorridors in West Africa. Unpublished Report*, June 2003.
- ISIS [International Species Information System], 1999. *Physiological data reference value*. SIS, 12101 Johnny Cake Ridge Road, Apple Valley, MN 55124, USA.
- JACHMANN, H., 1988. Numbers, Distribution and Movements of the Nazinga elephants. *Pachyderm* **10**, 18-24.
- JOHNSINGH, A.J.T. & CHRIST-WILLIAMS, A., 1999. Elephant corridors in India: Lesson for other elephant range countries. *Oryx* **33**, 210-214.
- JONES, W.E., 2003. Anaemia: sport medicine article for the *Quarter Racing Journal*.  
<http://www.gateway.net.au/~mcvc/index.html>. Accessed 22 August 2003.
- KAMENYA, S.M., 2000. Disappearance of wildlife corridors and their impacts to the protected areas: Lessons and conservation challenges from Gombe National Park. African wildlife in the new millennium. *Proceedings of a conference held at the College of African Wildlife Management*, 13–15 December 2000, Mweka, Moshi.
- KANGWANA, K., 1996. *Studying elephants. AWF Technical Handbook Series 7*. African Wildlife Foundation, Nairobi, Kenya.
- KIDEGHESHO, J.R., 2000. Participatory land-use planning for Kwakuchinja Wildlife Corridor. *Kakakuona* **19**, 8-18.
- KIDEGHESHO, J.R., 2001a. The status of wildlife habitats in Tanzania and its implication to biodiversity. *Kakakuona* **21**, 9–17.
- KIDEGHESHO, J.R., 2001b. Who pays for wildlife conservation in Tanzania? *Kakakuona* **22**, 8-13.
- KIDEGHESHO, J.R., 2001c. The loss of wildlife habitats in Tanzania: what is the way forward? *Kakakuona* **23**, 7-15.
- KIDEGHESHO, J.R., 2002. Trends in areas adjacent to Tarangire National Park, Tanzania: what community-based land use planning can offer. *Kakakuona* **24**, 9-15.
- KOCK, M.D., ROWAN, B., MARTIN, M.S., & KOCK, N., 1993. Chemical immobilization of the free ranging African elephants, *Loxodonta Africana*, in Zimbabwe, using Etorphine (M99) mixed with hyaluronidase and evaluation of biological data collected soon after immobilization. *Journal of Zoo and Wildlife Medicine* **24**, 1–10.
- KOCK, R.A., MORKEL, P., & KOCK, M.D., 1993. Current Immobilization Procedures used in elephants. In: FOWLER, M.E. (ed.), *Zoo and wild animal medicine: current therapy*. vol. 3. W.B. Saunders Company, Philadelphia ,USA, pp 536-541.
- LEUTHOLD, W. & SALE, J.B., 1973. Movement and patterns of habitat utilization of elephants in Tsavo National Park, Kenya. *East African Wildlife Journal* **11**, 369-384.
- LEUTHOLD, W., 1977. Spatial organization and strategy of habitat utilization of elephants in Tsavo National Park, Kenya. *Zeitschrift für Säugetierkunde* **42**, 358-379.
- LEWIS, D.M. & ALPERT, P., 1997. Trophy hunting and wildlife conservation in Zambia. *Conservation Biology* **11**, 59-68.
- LINDEQUE, M. & LINDEQUE, P., 1991. Satellite tracking of elephants in northern Namibia. *African Journal of Ecology* **29**, 196-206.
- LUMB, W.V. & JONES, E.W., 1984. *Veterinary Anaesthesia*. Lea & Febiger, Philadelphia, USA.
- LYNCH, J.F & SAUNDERS, D.A., 1991. Responses of bird species to habitat fragmentation in the wheatbelt of western Australia: interiors, edge and corridors. In: SAUNDERS, D.A. & HOBBS, R.J. (eds.), *Nature Conservation 2: The role of Corridors*. Surrey Beatty & Sons LTD, Chipping Norton, NSW, Australia, pp 143-158.
- MAHUNDI, C.C., 2001. Information on the community based conservation training centre in Likuyu-

- Sekamaganga, Tanzania. In BALDUS, R.D. & SIEGE, L. (eds.), *Experiences with community based wildlife conservation in Tanzania. Tanzania Wildlife Discussion Paper No. 29*, Selous Conservation Programme, GTZ, Dar es Salaam, Tanzania, pp 60.
- MANLY, B.F.J., McDONALD, L.L. & THOMAS, D.L., 1993. *Resource selection by animals. Statistical design and analysis for field studies*. Chapman & Hall, London, U.K.
- MCCALLUM, H. & DOBSON, A., 1995. Detecting disease and parasite threats to endangered species and ecosystems. *Trends in Ecology and Evolution* **10**, 190-194.
- MALOCHO, N.W., 1997. *Planning and parastatal sector reform, Ruvuma Region socio-economic profile*. <http://www.tzonline.org/pdf/Ruvuma.pdf>. Accessed 1<sup>st</sup> September, 2003.
- MWALYOSI, R.B.B., 1991. Ecological evaluation for wildlife corridors and buffer zones for the Lake Manyara National Park, Tanzania and its immediate environment. *Biological Conservation* **57**, 171-186.
- MWAMFUPE, D., 1998. Demographic impacts on protected areas in Tanzania and option for action. *Parks* **8**, 3-14.
- NEWMARK, W.D., 1996. Insularization of Tanzanian Parks and the local extinction of large mammals. *Conservation Biology* **10**, 1549-1556.
- NJUMBI, S., WAITHAKA, J., GACHAGO, S., SAKWA, J., MWATHE, K., MUNGAI, P. & LITOROH, M., 1996. Translocation of elephants: Kenyan experience. *Pachyderm* **22**, 64-65.
- NOE, C., 2003. Wildlife corridors on the verge of disappearance. *Kakakuona* **29**, 7-10.
- NORTON, G.W., ERECKSON, A.E., & HAWKINS, D.M., 2001. The elephant population in Mikumi National Park, Tanzania. Historical issues, current status and future problems. Tanzania Wildlife Research Institute (TAWIRI). *Proceedings of the first annual scientific conference*, 12-12 December 2000, Arusha Tanzania.
- OSBORN, F.V & PARKER, G E., 2003. Linking two elephant refuges with a corridor in the communal lands of Zimbabwe. *African Journal of Ecology* **41**, 68-74.
- Osofsky, S.A. & HIRSCH, K.J., 2000. Chemical restraint of endangered mammals for conservation purposes: a practical primer. *Oryx* **34**, 27-33.
- POOLE, J., 1989. *The effects of poaching on age structure and social and reproductive patterns of selected East African elephant population*. Unpublished Report to WWF.
- RAATH, J.P., 2003. Chemical capture of the African elephant *Loxodonta africana*. In: MCKENZIE, A.A. (ed.), *The capture and care manual*. [http://wildnetafrika.co.za/estate/capturecare/sectionb/b4\\_elephant/01\\_raath.htmlraath.html](http://wildnetafrika.co.za/estate/capturecare/sectionb/b4_elephant/01_raath.htmlraath.html). Accessed 11 Nov 2004.
- RICHMAN, L.K., MONTALI, R.J., GARBER, R.L., KENNEDY, M.A., LEHNHARDT, J., HILDEBRANDT, T.D., SCHMITT, D., HARDY, D., ALCENDOR, D.J. & HAYWARD, G.S., 1999. Novel endotheliotropic herpesviruses fatal for Asian and African elephants. *Science* **283**, 1171-1176.
- RUNYORO, V.A., 2000. Demographic threats at the Ngorongoro multiple land use management philosophy. Tanzania Wildlife Research Institute. *Proceedings of the first annual scientific conference*, December 12-13, 2000, Arusha, Tanzania.
- SAID, M.Y., CHUNGE, R.N., CRAIG, G.C., THOULESS, C.R., BARNES, R.F.W. & DUBLIN, H.T., 1995. *African elephant database 1995. Occasional Paper of the IUCN Species Survival Commission* 11. IUCN, Gland, Switzerland.
- SARUNDAY, W.N. & RUZIKA, M.N., 2000. Wildlife conservation outside protected areas in eastern Africa: the role of habitat corridors and dispersal areas. African wildlife in the new millennium. *Proceedings of a conference held at the College of African Wildlife Management*, 13-15 December 2000, Mweka, Moshi, Tanzania.
- SAUNDERS, D. A & HOBBS, R.J., 1991. The role of corridors in conservation: What do we know and where do we go?. In SAUNDERS, D.A. & HOBBS, R.J. (eds.). *Nature Conservation 2: The role*

- of Corridors.* Surrey Beatty & Sons LTD, Chipping Norton, NSW, Australia, pp 321-327.
- SCP [SELOUS CONSERVATION PROGRAMME]/GTZ, 1999. *Selous Conservation Programme. Typescript* 2pp, Selous Conservation Programme, GTZ, Dar es Salaam, Tanzania.
- SDDP [SONGEA DISTRICT DEVELOPMENT PROGRAMME], 1998. *Songea District development plan and forwarding budget 1999-2001, final draft.* Songea District Development Project, Songea, Tanzania.
- SEAMAN, D.E., MILLSPAUGH, J.J., KERNOHAN, B.J., BRUNDIGE, G.C., RAEDEKE, K.J., & GITZEN, R.A., 1999. Effects of sample size on kernel home range estimates. *Journal of wildlife management* **63**, 739-747.
- SEVERRE, E.L.M., 2000. Conservation of wildlife outside core wildlife protected areas in the new millennium. African wildlife in the new millennium. *Proceedings of a conference held at the College of African Wildlife Management*, 13-15 Dec 2000, Mweka, Moshi, Tanzania.
- SGRGMP [SGR GENERAL MANAGEMENT PLAN], 1995. *Ministry of Natural Resources and Tourism, SCP/GTZ.* Government Printers, Dar es salaam Tanzania.
- SIEGE, L., 1999. The elephants of Selous. *Kakakuona* **13**, 56-58.
- SIEGE, L. & BALDUS, R.D., 2000. *From decline to recovery. The elephants of Selous. Tanzania Wildlife Discussion Paper No. 27.* Selous Conservation Programme, GTZ, Dar es Salaam, Tanzania.
- SILKILUWASHA, F., 1998. Conservation of Lake Manyara Biosphere Reserve. *Paper presented at the 4th BRAAF workshop*, 30 March to 2 April 1998, Arusha, Tanzania.
- SIMBERLOFF, D. & COX, J., 1987. Consequences and costs of conservation corridors. *Conservation Biology* **1**, 63-71.
- SOULÉ, M.E., 1987. *Viable populations for conservation.* Cambridge University Press, Cambridge, U.K.
- SOULÉ, M.E., WILCOX, B.A. & HOLTBY, C., 1979. Benign neglect: a model of faunal collapse in the game reserves of East Africa. *Biological Conservation* **15**, 259-272.
- SOULÉ, M.E & GILPIN, M.E., 1991. The theory of wildlife corridors capability. In SAUNDERS, D.A. & HOBBS, R.J. (eds.). *The role of Corridors.* Surrey Beatty & Sons LTD, Chipping Norton, NSW, Australia, pp 3-8.
- SUNDARAM, B., VARMA, S., VENKATARAMAN, A. & SUKUMAR, R., 2003. The Asian elephant (*Elephas maximus*): its habitat, status and distribution in Arunachal Pradesh, India. *Gajah* **22** (7), 43-49.
- TCHAMBA, M., 2001. African elephants (*Loxodonta africana*). The elephants of Cameroon 2001. <http://www.nczooletrack.org>. Accessed August 2003.
- TCHAMBA, M.N., BAUER, H., HUNIA, A., DE LONGH, H.H. & PLANTON, H., 1994. Some observations on the movements and home range of elephants in Waza National Park, Cameron. *Mammalia* **58**, 527-533.
- TFCAS [TRANSFRONTIER CONSERVATION AREAS], 2004. [http://www.environment.gov.za/ProjProg/TFCAs/TFCA\\_contents.htm](http://www.environment.gov.za/ProjProg/TFCAs/TFCA_contents.htm). Accessed Nov 2004.
- THOULESS, C., 1996. Home range and social organization of female elephants in northern Kenya. *African Journal of Ecology* **34**, 284-297.
- TMCP [TARANGIRE MANYARA CONSERVATION PROJECT], 2002. Elephant radio tracking. *Final Report Unpublished report to WWF/TPO.*
- TWCM, 1995. *Aerial survey of the Selous Game Reserve, Mikumi National Park and surrounding areas (dry season 1994).* Frankfurt Zoological Society, Arusha Tanzania.
- TWCM, 1998. *Aerial survey of the Selous Game Reserve, Mikumi National Park and surrounding areas (dry season 1998).* Tanzania Wildlife Conservation Monitoring, Arusha, Tanzania.

- VILJOEN, P.J., 1989. Spatial distribution and movements of elephants (*Loxodonta africana*) in the northern Namib desert region of kaokoveld, South West Africa. *Journal of Zoology London* **219**, 1-19.
- WESTERN, D. & LINDSAY, W.K., 1984. Seasonal herd dynamics of a savannah elephant population. *African Journal of Ecology* **22**, 229-244.
- WHYTE, I.J., 1995. Population dynamics of elephants. In *Proceedings of a workshop on the management of the African elephant*. Elephant management and owners association (EMOA), 3-4 November, 1995, Aventura Resort, Warm baths, South Africa.
- WHYTE, I.J., 1996. Studying elephant movements. In KANGWANA K.(ed.), *Studying Elephants. AWF Technical Handbook Series 7*, African Wildlife Fund, Nairobi, Kenya, pp 75-89.
- WILFRED, N.S., & Ruzika, N.M., 2000. Wildlife conservation outside protected areas in eastern Africa: the role of habitat corridors and dispersal areas. African wildlife in the new millennium. *Proceedings of a conference held at the College of African Wildlife Management*, 13–15 December 2000, Mweka, Moshi, Tanzania.
- WOODROFFE, R., GINSBERG, J.R. & MACDONALD, D.W., 1997. *The African wild dog: status survey and conservation action plan*. IUCN, Gland, Switzerland.
- WPT [WILDLIFE POLICY OF TANZANIA], 1998. TANZANIA WILDLIFE POLICY. Government Printers, Dar es Salaam, Tanzania.