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Elephant Bibliography

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ELEPHANT BIBLIOGRAPHY

With the publication of this issue we will have references for the past 20 years. We are continuing in this volume to group the references in blocks of five years for quick and handy reference. The final objective of all this compiling is to have the most complete Elephant Bibliography. Starting at the present and going back, we will devote each successive issue to another period. Eventually we will have references as old as the Bible, since that is, to the best of our knowledge, the oldest reference to elephants (ivory). The references listed below were retrieved from different sources: Computer Bibliographic Search Services (CBSS, the same used in previous issues -- the latest search was done on August 21, 1980), books in our office, ELG Questionnaires, and other literature crossing the editor's desk. This Bibliography does not include any references listed in the Bibliographies of previous issues.

As a rule, we list extant species of elephant, but occasionally a reference on extinct/fossil proboscideans appears; it is designated by an asterisk (*). In the references taken from the computer and books, the word "elephant" may or may not be a part of the title even though elephants are mentioned one way or another in the articles. We thought it would be better to leave these references in, as someone is bound to make use of them. Readers are requested to send in any annotated references (theirs or others') of publications dealing with elephants. (A section in the Questionnaire at the back of Elephant is supplied for readers' publications.) Please list them in the bibliographic form used below. The next issue will contain a section for 1950-1959 or even further back. Readers may help by collecting and annotating references, examples given below.

1. For an article: Author. Date. Title. Publication. Volume Number, (Issue Number):Pages of article.

Example: Heffner, Rickye, and Henry Heffner. 1980. Hearing in the elephant (Elephas maximus). Science, 208(4443):518-520.

2. For a book: Author. Date. Title. Publisher, City, Total number of pages.

Example: Walker, Clive (ed.). 1978. The ring fence: an anthology of the southern elephants. Endangered Wildlife Trust, Bedfordview, South Africa, 88 pp.

See specific references in the Bibliography for more details.

In our listing we follow systems whereby names beginning with "Mc" are treated as "Mac" and appear in straight alphabetical sequence within the "M's." Names beginning with "De" or "de," such as de Beer, and with "Van" and "Von" appear alphabetically.

With this issue we have begun adding annotations to the references wherever possible. Our goal is to annotate all items in the Bibliography, both past and present. Each annotated reference will carry the initials of the

person who contributed the information. In each issue a list of persons who provided annotations will be included at the end of the Bibliography. In cases where the annotator has not read the entire article but has used other sources to summarize it, the symbol "E" will be used. In such instances, the summary is excerpted from the blurb on a book jacket or from the catalogue card summary in the case of a book, or, in the case of an article, from an abstract or summary. The initials of the person who has written the excerpt will appear after "E" in parentheses.

For example:

reference	Brandenberg, Alik. 1977. Wild and woolly mammoths. Thomas Y. Crowell Company, New York, 33 pp.
annotation	Junior Library, illustrated. An easy-to-read account of
below	the woolly mammoth with unusual drawings, for young
reference	children (E/SSL).

E = excerpt

SSL = initials of excerptor

Please note that children books have been added to the Bibliography. They are designated as "Junior Library," and placed, as a unit, before "Newsletters, etc. . . ." We hope that these references will be used to encourage young readers to get interested.

We have changed our editorial policy in regard to two aspects of the Bibliography. References which are "in preparation" or "in press" are not listed in this issue since the numbering system is disrupted when a reference listed "in press" is subsequently published and must be included again in the future. We are continuing with Reference No. 836 in this issue.

The other change is in regard to the use of full names of authors and editors in references. This addition should serve to identify individuals more easily among the thousands of references which we plan to accumulate. Readers can help by sending complete and correctly spelled names with references.

The format we are using is:

<u>Wilson</u>	<u>Richard</u>	<u>L.</u>
Last Name	First Name	Middle initial(s)

Another new feature of the Bibliography is a system of categorizing references to assist readers in locating material of special interest.

Code letters will appear in four columns in the lefthand margin to the right of the reference number of each item. The letter or symbol in the first column designates the genus/taxon (as explained in the accompanying code). The second and third columns are reserved for codes referring to categories listed. If a reference fits more than two categories, it will receive letter "g" for general plus an additional letter designating the most prevalent topic. The fourth space contains a letter to indicate whether the specimen(s) studied was (were) of wild ("W"), captive ("C"), or both ("B") statuses. "U" in the fourth space implies unknown status.

For example:

885 *ovU Prager, Ellen M., Allan C. Wilson, Jerold M. Lowenstein, and Vincent M. Sarich. 1980. Mammoth albumin. *Science*, 209(4453):287-289.

916 LcwW Buss, Irven O. 1977. Management of big game with particular reference to elephants. *Malayan Nat. J.*, 31(1):59-71.

Categories listed in 1st column:

E = Elephas

L = Loxodonta

B = Both, Elephas and Loxodonta

* = extinct/fossil proboscideans

+ = extinct and living taxa

U = unknown

Categories listed in the 2nd and 3rd columns:

a - anatomy (including histology, cytology)

b - behavior

c - conservation and management

d - diseases and injuries

e - ecology

f - folklore

g - general

h - history (including archaeology)

i - ivory and tusks

j - ecology and behavior

k - culling, controlling, cropping and capturing methods

l - longevity (including mortality)

m - measurements (physical and censusing)

n - nutrition and/or growth

o - biochemistry (including haematology and immunology)

p - physiology and/or function

q - management in captivity

r - reproduction (including musth)

s - symbiosis (including commensalism, mutualism, parasitism)

t - training and taming

u - hunting including poaching

v - evolution (including classification, phylogeny, systematics, taxonomy, dating methods)

w - distribution and habitat

x - genetics

y - art

z - miscellaneous (including fiction)

Categories listed in 4th column:

C = Captive and domestic

W = Wild

B = Both statuses

U = Unknown

Many of our references have been taken from lists of references and therefore we have not seen the originals. We have tried to be as accurate as possible but there may be mistakes. If you become aware of any, please inform us.

Prepared by the Bibliography Committee: M. Pamela Bedore, Sue Ann Berbenchuk, Judith Berg, Marlene Bulgarelli, Stephen DeVoe, Julie Eschebach, M. Patricia Hensler, Sandra S. Lash, Curtis Longs, Robin Ottman, William Prychodko, Jeheskel (Hezy) Shoshani, Dorit Yehiel.

RECENT LITERATURE ON ELEPHANTS: 1980-PRESENT

- 836 **Lb C** Adams, Jack, and Judith K. Berg. 1980. Behavior of female African elephants (Loxodonta africana) in captivity. *Appl. Anim. Ethol.*, 6:257-276.
Activities were discussed in terms of: social behaviors, individual behaviors, biological behaviors, dominance hierarchy, and factor analysis. The placement of the trunk of one elephant into or near the mouth of another elephant was the most frequently occurring behavior (E/JS).
- 837 **LweW** Afolayan, T.A., and S.S. Ajayi. 1980. The influence of seasonality on the the distribution of large mammals in the Yankari Game Reserve, Nigeria. *Afr. J. Ecol.*, 18(1):87-96.
- 838 **LuwW** Anonymous. 1980. Elephant census: a final countdown? *Science News*, 118(18):276.
- 839 **EcwW** Anonymous. 1980. Elephant conservation needed in Sumatra. *Tiger-paper*, 7(1):19.
Elephant habitat is shrinking. To insure conservation, an extensive World Wildlife Fund project has been proposed (SSL). See articles by Jeffrey McNeely and Willem Bongers in Elephant Volume 1, Number 4.
- 840 ***ovU** Anonymous. 1980. The elephant's family tree. *New Scientist*, 87(1210):184. (See Reference No. 885.).
- 841 **LcuW** Anonymous. 1980. Growing public concern for the elephant. *Africana*, 7(2):34 and 38.
- 842 **LulW** Anonymous. 1980. International notes: Jumbo jumping. *Afr. Wildl.*, 34(3):32.
- 843 **Lu W** Anonymous. 1980. Ivory fever decimating African elephant. *Science News*, 118(10):151. Photograph by I. Douglas-Hamilton.
- 844 **LcwW** Anonymous. 1980. Miscellany: Operation Genesis. *Africana*, 7(2):6.
Resettlement of over 4,000 animals from seven areas into Pilanesberg Nature Reserve in Bophuthatswana (Republic of South Africa) coordinated by the Southern Africa Nature Foundation and supported by the World Wildlife Fund (JS).
- 845 ***o U** Anonymous. 1980. More mammoth meat. *Science News*, 118(18):278.
- 846 **LcwW** Anonymous. 1980. More than a million elephants - but they face extinction. *Oryx*, 15(4):321-322.
- 847 **LiuW** Anonymous. 1980. White gold trade. *Afr. Wildl.*, 34(3):34.
- 848 **LucW** Anonymous. 1981. Save the Ugandan elephants. *Natl. Wildl.*, 19(1):32C.
- 849 **Ly W** Anonymous, and Mohamed Amin. 1980. Casting an elephant. *Africana*, 7(2):22-26.
- 850 **LcuW** Anonymous, and Clive Walker. 1980. Has the elephant a place in modern Africa? *Afr. Wildl.*, 34(4):23-25.
- 851 **EyhU** Bagley, Robert W. 1980. A photograph by Seth Joel of a Chinese bronze elephant statue. P. 68, in Masterworks of China's Bronze Age begin a tour of the United States. *Smithsonian*, 11(1):62-71.
- 852 ***avU** Barnhart, Marion I., Stephen P. Barmatoski, Morris Goodman, Alejo E. Romero-Herrera, Mauricio A. Lande, David E. Birk, Jeheskel Shoshani, William Prychodko, Eric J. Lerman, and Viktor M. Mikhelson. 1980. Tissue vestiges of an ancient Magadan mammoth calf. *Scanning Electron Microscopy/1980/II*:163-170.

- 853 ***avU** Boeuf, Odile. 1980. Un premier crâne d'Anancus arvernensis dans le gisement "villafranchien" de Chilhac II (Haute-Loire, France). Compt. Rendus Acad. Sci., Paris, 290(10):659-661. (English summary).
- 854 **BopB** Brown, I.R.F., and P.T. White. 1980. Elephant blood haematology and chemistry. Comp. Biochem. Physiol., 65B(1):1-12. (A review).
- 855 Burton, Maurice. 1980. Midwives and nannies. Wildlife, 22(2):24-27.
- 856 **LewW** Carr, Norman. 1980. Valley of the elephants: the story of Luangwa Valley and its wildlife. Collins, London, 128 pp.
In this short, easy-to-read story, the ecology of 'the highest continuous population of elephants anywhere' is described by a safari leader. Particular emphasis is placed on elephant damage to the mopani woodland, and a regular cropping program is advocated (E/Swara, 3(1):16).
- 857 **LecW** Cobb, Stephen. 1980. Tsavo the first thirty years. Swara, 3(4):12-17.
- 858 **LecW** Cobb, Stephen. 1980. Tsavo, next thirty years. Swara, 3(4):20-23.
- 859 **EovB** Dene, Howard, Morris Goodman, and Alejo E. Romero-Herrera. 1980. The amino acid sequence of elephant (Elephas maximus) myoglobin and the phylogeny of Proboscidea. Proc. Royal Soc., Lond., B, 207:111-127.
An unusual substitution was found - the presence of Glutamine (Gln) instead of Histidine (His) at position E7 (JS).
- 860 **EbtC** Dodwell, Christina. 1980. Getting an elephant. New Scientist, 87(1209):130-131.
- 861 **LwmW** Douglas-Hamilton, Iain. 1980. African elephant population table. Africana, 7(2):36.
- 862 **LmcW** Douglas-Hamilton, Iain. 1980. Elephant numbers are falling heavily. IUCN Bulletin New Series, 11(1 & 2):2-3.
- 863 **LwcW** Douglas-Hamilton, Iain. 1980. Elephants threatened by force of habitat: extracts from Final Report on the Elephant Ivory Trade Study and The African Elephant Action Plan. Africana, 7(2):31-34.
- 864 **LcmW** Douglas-Hamilton, Iain. 1980. Uganda's elephants face extinction. IUCN Bulletin New Series, 11(4):45.
- 865 **LcbW** Douglas-Hamilton, Oria. 1980. Africa's elephants - can they survive? Natl. Geogr., 158(5):568-603.
Good account of the present status. High quality photographs. Data for the simplified possible migratory routes and phylogeny of the Proboscidea (pp. 582-583) was provided by Cary T. Madden, Vincent J. Maglio, and Jeheskel Shoshani (SSL).
- 866 **LemW** Eltringham, Stewart 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(1):53-71.
- 867 **LwmW** Eltringham, Stewart K., and Robert C. Malpas. 1980. The decline in elephant numbers in Rwenzori and Kabalega Falls National Parks, Uganda. Afr. J. Ecol., 18(1):73-86.
- 868 **LmaW** Fatti, L.P., G.L. Smuts, A.M. Starfield, and A.A. Spurdle. 1980. Age determination in African elephants. J. Mamm., 61(3):547-551.

- 869 ***ovU** Goodman, Morris, David E. Birk, Alejo E. Romero-Herrera, Mauricio A. Lande, Howard Dene, and Marion I. Barnhart. 1980. Collagen preservation in soft tissue from the Magadan mammoth. *FEBS Letters*, 114(1):30-34.
- 870 **LcwW** Hall-Martin, Anthony. 1980. Elephant survivors. *Oryx*, 15(4):355-362.
- 871 **EpmC** Heffner, Rickye, and Henry Heffner. 1980. Hearing in the elephant (*Elephas maximus*). *Science*, 208:518-520. Hearing ranged from 17 Hz to 10.5 KHz. Inverse relationship between functional interaural distance and high-frequency hearing was found (JS).
- 872 **LuhW** Holman, D. 1980. Elephants at sundown. The story of Bill Woodley. W.H. Allen, London, 274 pp. The biography of a remarkable individual recounted in an easy style with humor and set in a significant period of Kenya's wildlife history (*E/Swara*, 2(5):16).
- 873 **LorW** Holt, W.V., R.C. Jones, and J.D. Skinner. 1980. Studies of the deferent ducts from the testis of the African elephant, *Loxodonta africana*. II. Histochemistry of the epididymis. *J. Anat.*, 130(2):367-379.
- 874 **EcwW** Jackson, Peter F.R. 1980. Sri Lanka moves prized elephants out of harm's way. *Smithsonian*, 11(1):115-118. A herd of elephants had been driven toward Wilpattu National Park for protection. Only one-third of Sri Lanka's 2,500 to 3,000 elephants are in protected areas. Can Sri Lanka's 25,000 square miles accommodate elephants and other wildlife together with its 14 million inhabitants (JS)?
- 875 ***v U** Madden, Cary T. 1980. Earliest isotopically dated *Mammuthus* from North America. *Quat. Res.*, 13(1):147-150.
- 876 ***avU** Madden, Cary T. 1980. *Zygodon* from subsaharan Africa, with observations on the systematics of palaeomastodontid proboscideans. *J. Paleontol.*, 54(1):57-64.
- 877 **BycB** Martin, Esmond B. 1980. The craft, the trade and the elephants. *Oryx*, 15(4):363-366.
- 878 **LgyW** Martin, Esmond B. 1980. A pictorial essay of Tsavo today: a book review of *The end of the game* by Peter H. Beard. *Africana*, 7(2):10.
- 879 **Ub C** Meyer, Larry L. 1980. Were the elephants and ants trying to tell us something? *Science* 80, 1(3):10-11. The possible ability of animals to sense the coming of earthquakes, either through detecting sonic vibration out of the range of human sensing or via the olfactory sensing of rare gases released before a quake from dilated rock (JS).
- 880 **LcuW** Monks, Ellis (compiler). 1980. Uganda elephant in grave danger. *Africana*, 7(2):27.
- 881 **LbaW** Moss, Cynthia. 1980. What do you do with a 300-pound nose? *Int. Wildl.*, 10(3):36-39.
- 882 **LucW** Mulder, Monique B., and Tim Caro. 1980. Slaughter of the elephants. *New Scientist*, 87(1208):32-34.

- 883 **Ee W** Page, James K., Jr. (compiler). 1980. Tracking down a new species. *Smithsonian*, 11(2):24-26.
A new species of mosquito (*Anopheles dirus*) reproduces specifically in rain-filled elephant footprints in the forests of Thailand (SSL).
- 884 **Lu W** Parker, Ian. 1980. Scale of benefits. *Africana*, 7(2):34.
- 885 ***ovU** Prager, Ellen M., Allan C. Wilson, Jerold M. Lowenstein, and Vincent M. Sarich. 1980. Mammoth albumin. *Science*, 209(4453):287-289.
- 886 **LucW** Price, Sandra. 1980. Uganda. *Wildlife News*, 15(1):3-6.
- 887 **LucW** Ricciuti, Edward R. 1980. The ivory wars. *Anim. Kingd.*, 83(1):6-15.
- 888 **LcwW** Ricciuti, Edward R. 1980. Counting elephants. *Anim. Kingd.*, 83(1):16-19.
- 889 **LucW** Ricciuti, Edward R. 1980. The ivory trail crisscrosses Africa. *Anim. Kingd.*, 83(1):37-42.
- 890 **Lc W** Ricciuti, Edward R. 1980. The Elephant Protection Act of 1979 - pros and cons. *Anim. Kingd.*, 83(1):51-58.
The bill is explained briefly, with some background, and pros and cons are stated with illustrations from the African viewpoint (SSL).
- 891 **LewW** Shorter, Brian. 1980. A review of Valley of the elephants: the story of the Luangwa Valley and its wildlife by Norman Carr. *Swara*, 3(1):16.
- 892 **LcwW** Shorter, Clare (compiler). 1980. Uganda: optimistic wildlife discussions. *Swara*, 2(6):21.
- 893 **LgcW** Shoshani, Jeheskel. 1980. A review of The struggle for survival: the elephant problem by John Hanks. *J. Mamm.*, 61(4):782-783.
- 894 **BcuB** Walter, Eugene J., Jr. (ed.). 1980. Perspective: CITES. *Anim. Kingd.*, 83(1):23.
Summary on CITES treaty including explanation of administrative organization in member countries and comments on problems of implementation (SSL).
- 895 **ByhB** Winfrey, Laurie P. 1980. The unforgettable elephant. Walker and Company, New York, 96 pp.
Mostly color photographs and illustrations, little text - for all ages. The book traces man's perspective of the elephant from the Time of Creation, Garden of Eden, to the present. History, religion, art, legends, folklore, painting, sculpture, numismatics, toys, architecture and topiary are all incorporated (JGE).

EARLIER LITERATURE ON ELEPHANTS: 1975 - 1979

- 896 **EroC** Acott, Ted S., Deborah J. Johnson, Howard Brandt, and Dale D. Hoskins. 1979. Sperm forward motility protein: tissue distribution and species cross reactivity. *Biol. Reprod.*, 20(2):247-252.
- 897 Alexander, R. McN. 1977. Terrestrial locomotion. Pp. 168-202, in *Mechanics and energetics of animal locomotion* (R. McN. Alexander and G. Goldspink, eds.). Chapman and Hall, London, 332 pp.

- 898 **LmaW** Alexander, R. McN., A.S. Jayes, G.M.O. Maloiy, and E.M. Wathuta. 1979. Allometry of the limb bones of mammals from shrews Sorex to elephant Loxodonta. J. Zool. Lond., 189(3):305-314.
- 899 **LmaW** Alexander, R. McN., G.M.O. Maloiy, Barbara Hunter, A.S. Jayes, and J. Nturibi. 1979. Mechanical stresses in fast locomotion of buffalo (Syncerus caffer) and elephant (Loxodonta africana). J. Zool. Lond., 189(2):135-144.
- 900 **LjcW** Allaway, James D. 1979. Elephants and their interactions with people in the Tana River region of Kenya. Diss. Abstr. (Int. B), 40:2452-2453.
- 901 **LceW** Anonymous. 1979. R30,000 for game study in South West Africa. Afr. Wildl., 33(5):53.
R30,000 (US\$37,500) has been allocated to study elephants, black rhinoceroses and giraffes in the desert and semi-desert areas of Kaokoland in South West Africa/Namibia. The study will be conducted by P.J. Viljoen (JS).
- 902 **Lu W** Anonymous. 1979. Tanzanian troops slaughter Ugandan wildlife. New Scientist, 84(1175):4.
- 903 **Le W** Ayeni, J.S.O. 1975. Utilization of water holes in Tsavo National Park (East). E. Afr. Wildl. J., 13(3 and 4):305-323.
- 904 **LenW** Ayeni, J.S.O. 1977. Waterholes in Tsavo National Park, Kenya. J. Appl. Ecol., 14:369-378.
- 905 ***vhU** Azzaroli, A. 1977. Evolutionary patterns of Villefranchian elephants in central Italy. Atti. Accad. Naz. Lincei, Mem. Cl. Sci. Fis. Mat. Nat., Ser. 8, Sez. 2a, 14(4):149-168.
- 906 **Es C** Bänziger, H. 1979. Skin piercing, blood sucking moths. II: Studies on a further 3 adult Calyptra [Calpe] sp. (Lepid., Noctuidae). Acta Trop., 36:23-37.
- 907 **htC** Bar-kochva. 1976. The Seleucid army; organization and tactics in the great campaigns. Cambridge University Press, Cambridge, 306 pp. (Chapter: Elephants and Chariots, pp. 75-84).
- 908 **d C** Baxby, D., W.B. Shackleton, J. Wheeler, and A. Turner. 1979. Comparison of cowpox-like viruses isolated from European zoos. Brief Report. Arch. Virol., 61(4):337-340.
- 909 *** U** Bennett, D.K. 1979. The fossil fauna from lost quarry and found quarry Hemphillian latest Miocene, Wallace County, Kansas. Occas. Pap. Mus. Nat. Hist. Univ. Kans., 79:1-24.
- 910 **p** Bentley, P.J. 1976. Comparative vertebrate endocrinology. Cambridge University Press, New York, xi + 415 pp.
- 911 **LmuW** Best, Anthony A., and W.R. Raw (eds.). 1975. Rowland Ward's records of big game. 16th edition (Africa). Rowland Ward (Publications) LTD., Wood Green, London, 537 pp. (Sections on elephants pp. 166-169 and 492-499).
- 912 **W** Boyd, A.V. 1979. The size of animal herds. Ecol. Model, 6(2):91-96.
- 913 **LopW** Brown, I.R.F., and P.T. White. 1979. Serum electrolytes, lipids, and cortisol in the African elephant, Loxodonta africana. Comp. Biochem. Physiol., 62A(4):899-901.
- 914 **Bb B** Brown, Jerram L. 1975. The evolution of behavior. W.W. Norton & Co., New York, 761 pp.

- 915 **Ed C** Burke, T.J. 1975. Probable tetanus in an Asian elephant. *J. Zoo An. Med.*, 6:22.
- 916 **Lc W** Buss, Irven O. 1977. Management of big game with particular reference to elephants. *Malayan Nat. J.*, 31(1):59-71.
- 917 **d** Chandra, R., and S. Kapur. 1979. Malacoplakia of the brain--two cases occurring in childhood. *Arch. Pathol. Lab. Med.*, 103(13):688-692.
- 918 **Ep** Chappel, S.C., and M. Schmidt. 1979. Cyclic release of luteinizing hormone and the effects of luteinizing hormone releasing hormone injection in Asiatic elephants. *Am. J. Vet. Res.*, 40(3):451-453.
- 919 ***w U** Churcher, C.S., and M. Wilson. 1979. Quaternary mammals from the Eastern Peace River District, Alberta. *J. Paleontol.*, 53(1):71-76.
- 920 **LejW** Coetzee, B.J., A.H. Engelbrecht, S.C.J. Joubert, 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.
- 921 **+vaW** Coppens, Yves, Vincent J. Maglio, Cary T. Madden, and Michel Beden. 1978. Proboscidea. Pp. 336-367, in *Evolution of African mammals* (Vincent J. Maglio and H.B.S. Cooke, eds.). Harvard University Press, Cambridge, ix + 641 pp.
- 922 ***vaU** Corner, R. George. 1977. A Late Pleistocene-Holocene vertebrate fauna from Red Willow County, Nebraska. *Neb. Acad. Sci.*, 4:77-93.
- 923 **Ed** Crusz, H., and L. Nugaliyadde. 1978. Parasites of the relict fauna of Ceylon. VII. General considerations and first host-parasite checklist. *Compt. Rend. Soc. Biogeogr. Paris*, 54(477):85-105.
- 924 **LapC** Dagg, Anne I. 1979. The walk of large quadrupedal mammals. *Can. J. Zool.*, 57(5):1157-1163.
- 925 **LewW** Delany, M.J., and D.C.D. Happold. 1979. *Ecology of African mammals*. Longman, London, viii + 434 pp. Well illustrated. Also includes taxonomy, evolution, natural history and comparison with other biogeographic regions. Extensive (526) references and bibliography (56 books and guides) (JS).
- 926 **LcwW** Douglas-Hamilton, Iain. 1978. Where are all the elephants going? *Afr. Wildl.*, 32(2):10-14.
- 927 ***vhU** Dubrovo, I.A. 1977. A history of elephants of the Archidiskodon-Mammuthus. *J. Paleontol. Soc. India*, 20:33-40.
- 928 *** U** Dudley, C.O. 1979. The history of the decline of the larger mammals of the Lake Chilwa Basin, Malawi. *Soc. Malawi J.*, 32(2):27-41.
- 929 **Ld** Erasmus, B.J., E. Young, L.M. Pieterse, and S.T. Boshoff. 1978. The susceptibility of zebra and elephants to African horsesickness virus. Pp. 409-413, in *Equine infectious diseases*. IV (J.T. Bryans and H. Berger, eds.). Veterinary Publications, Princeton, New Jersey, total number of pages unknown.
- 930 **p** Folk, G.E., Jr., and M.A. Folk. 1979. Physiology of large mammals by implanted radio capsules. Pp. 33-43, in *A handbook on biotelemetry and radio tracking* (C.J. Amlaner, Jr., and D.W. Macdonald, eds.). Pergamon Press, New York, total number of pages unknown.

- 931 ***v U** Follestad, Bjørn A., and Ingrid U. Olsson. 1979. The ^{14}C age of the "Toten" mammoth, eastern Norway. *Boreas*, 8(3):307-312. 946
- 932 **d C** Garlt, C., H. Kiupel, and W. Ehrentraut. 1979. Botulism in elephants. Pp. 207-211, in *Erkrankungen der Zootiere. Verhandlungsbericht des XXI. Internationalen Symposiums, vom 13. bis 17. Juni in Mulhouse. Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.*
- 933 *** U** Garutt, V.E., et al. 1977. On the oldest Archidiskodon elephant from the Anthropogene of the U.S.S.R. *J. Paleontol. Soc. India*, 20:4-9. 947
- 934 **BpvB** Gombe, S., R.B. Heap, and J.B. Sale. 1975. Endocrinology of pregnancy in the hyrax; plasma progesterone concentration and erythrocyte metabolism. *Proc. Physiol. Soc.*, September 1975:13P-14P. 948
- 935 **LodW** Gordon, Douglas H., Margaretha Isaacson, and Paul Taylor. 1979. Plague antibody in large African mammals. *Infect. Immun.*, 26(2):767-769. 949
- 936 **EtBC** Gray, Denis D. 1978. A school for elephants. *Int. Wildl.*, 8(1):36-38 and 40-43. 950
- Young wild elephants are being trained in a special school located in northern Thailand (EE).
- 937 **Lw W** Green, Arthur A. 1979. Density estimate of the larger mammals of Arli National Park, Upper Volta. *Mammalia*, 43(1):59-70.
- 938 **Le W** Grobler, J.H., and M.A. Jones. 1978. Population growth, standing crop and carrying capacity of large ungulates in the Whovi Wild Area of the Rhodes Matopos National Park. *Rhodesia Sci. News*, 12(8):190-192. 95
- 939 **e** Grodzinski, W. 1975. The role of large herbivore mammals in functioning of forest ecosystems - a general model. *Polish Ecol. Studies*, 1(2):5-15. (Polish summary). 95
- 940 **Ed C** Gruenberg, K., and D. Jarofke. 1978. Surgical removal of excessive callous growth from the vulva of an Indian elephant (*Elephas maximus*). Pp. 301-304, in *Erkrankungen der Zootiere. Verhandlungsbericht des XX. Internationalen Symposiums über die Erkrankungen der Zootiere vom 14. Juni bis 18. Juni 1978 in Dvun Kralove (R. Ippen and H.-D. Schröder, eds.). Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.* 95
- 941 *** U** Guenther, Ekke W. 1979. Ein Mammut-Baby aus Ost-Sibiren. *Schr. Naturwiss. Ver. Schleswig-Holstein*, 49:47-50. 9
- 942 **EdbC** Haas, Gerhard. 1978. Behavioural disorders in a female Indian elephant (*Elephas maximus bengalensis*) with bony structures on the intermedifacial and statoacoustic nerves. *Zool. Garten, N.F.*, Jena, 48(4,S.):297-298. (In German, English summary). 9
- 943 **LdbW** Hall-Martin, Anthony J., and H.P.A. de Boom. 1979. Dislocation of the elbow and its social consequences for an African elephant (*Loxodonta africana*). *J. S. Afr. Vet. Assoc.*, 50(1):19-22. 9
- 944 **Lm W** Hall-Martin, Anthony J., and H. Rüter. 1979. Application of stereo photogrammetric techniques for measuring African elephants. *Koedoe*, 22:187-198. 9
- 945 **LcwW** Hanks, John. 1976. Will wildlife survive? *Afr. Wildl.*, 30(4):29-32.

- 946 **LgcW** Hanks, John. 1979. The struggle for survival: the elephant problem. Mayflower Books, New York, 176 pp.
A lucid account of the elephant problem and introduction to the hard cold facts associated with the culling program. Data gained provides a basis for further studies, and revenue can be channeled towards conservation. Including basic elephant biology, built-in birth control, mortality, ecology and behavior (JS).
- 947 ***vpU** Harris, John M. 1975. Evolution of feeding mechanisms in the family Deinotheriidae (Mammalia; Proboscidea). Zool. J. Linn. Soc., 56(1):331-362.
- 948 ***avU** Harris, John M. 1976. Cranial and dental remains of Deinotherium bozasi (Mammalia; Proboscidea) from East Rudolf, Kenya. J. Zool., 178(1):57-75.
- 949 ***avU** Harris, John M. 1977. Deinotheres from Southern Africa. S. Afr. J. Sci., 73:281-282.
- 950 **BrbB** Hartman, Daniel S. 1979. Ecology and behavior of the manatee (Trichechus manatus) in Florida. Cornell University Press, Ithaca, 153 pp.
A comprehensive study with significant observations on daily activities, food habits, interactions between animals and with objects and other animals including man, and population dynamics (SSL). See review on this book by C. Barnett, J. Mamm., 61(3):577-579.
- 951 **BpvB** Heap, R.B., S. Gombe, and J.B. Sale. 1975. Pregnancy in the hyrax and erythrocyte metabolism of progesterone. Nature (London), 257:809-811.
- 952 **LpeW** Heinrich, Bernd, and George A. Bartholomew. 1979. Roles of endothermy and size in inter- and intraspecific competition for elephant dung in an African dung beetle, Scarabaeus laevistriatus. Physiol. Zool., 52(4):484-496.
- 953 **LecW** Henshaw, John. 1979. Notes on habitat relationships of ungulates in Yankari Game Reserve, Nigeria. Mammal Rev., 9(1):47-52.
- 954 **LpbW** Hiley, Peter G. 1975. How the elephant keeps its cool. Natural History, 84(10):34-41.
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- 955 ***w U** Hobday, D.K., and M.P.A. Jackson. 1979. Transgressive shore zone sedimentation and syndepositional deformation in the Pleistocene of Zululand, South Africa. J. Sediment. Petrol., 49(1):145-158.
- 956 **EhzC** Huckell, Bruce B. 1979. Of chipped stone tools, elephants, and the Clovis hunters: an experiment. Plains Anthropol., 24(85):177-189.
- 957 ***avU** Inuzuka, Norihisa, Yoshikazu Hasegawa, Hiroshi Nogariya, and Tadao Kamei. 1975. On the stylohyoid bone of Naumann's elephant (Elephas naumanni Makiyama) from Lake Nojiri. Memoirs of the Faculty of Science, Kyoto University, Series of Geology and Mineralogy, 41(1):49-65.
- 958 **L W** Jachmann, Hugo. 1978. Olifanten-Projekt Malawi. Panda, December:169-173.

- 959 **LwmW** Jachmann, Hugo, and R.H.V. Bell. 1979. The assessment of elephant numbers and occupance by means of droppings counts in the Kasungu National Park, Malawi. *Afr. J. Ecol.*, 17:231-239.
Data obtained by means of droppings counts was compared with those from other sources. It is found to be useful in small areas, that is, less than 3,000 km square, especially where conditions are unfavorable for aerial census (JS).
- 960 * **U** Jilkibaev, K.J. 1977. Anthropogen elephants of north-western Kazakhstan. Pp. 82-88, in *Fauna and flora of Mesozoic and Cenozoic periods in northwestern Kazakhstan*. Vol. 7 (B.S. Kojamkutova, ed.). Nauka, Alma Ata., 190 pp. (In Russian).
- 961 **Lr W** Jones, R.C. 1978. Studies on handling spermatozoa from the African elephant, Loxodonta africana. Pp. 261-269, in *Artificial breeding of non-domestic animals*. Symp. Zool. Soc. Lond. No. 43 (P.F. Watson, ed.) Academic Press, New York, xxi + 376 pp.
- 962 **c W** Joubert, S.C.J. 1976. Rare ungulates and their management in the national parks of South Africa. Pp. 43-54, in *The Endangered Wildlife Trust. Symposium on Endangered wildlife in Southern Africa*, University of Pretoria, Pretoria, total number of pages unknown.
- 963 **LrbW** Kerr, Michael A. 1978. Reproduction of elephant in the Mana Pools National Park, Rhodesia. *Arnoldia (Rhodesia)*, 8(29):1-11.
- 964 **Ec W** Khan, Mohd. Khan bid Momin. 1976. Malayan elephant, its management and problems. *Nature Malaysiana*, 1(1):38-43.
- 965 Note: Reference removed.
- 966 ***whU** Klein, Richard G. 1978. A preliminary report on the large mammals from the Boomplaas Stone Age Cave site, Cango Valley, Oudtshoorn District, South Africa. *S. Afr. Archaeol. Bull.*, 33(127):66-75.
- 967 * **U** Kool, R. 1979. Clarification of two Mammutnus molars from the British Columbia, Canada, Provincial Museum. *Can. J. Earth Sci.*, 16(10):2058-2059.
- 968 ***ewU** Krause, Hans. 1978. *The mammoth - in ice and snow?* Self-publisher, Stuttgart, 108 pp.
The author questions the adaptability of woolly mammoths to various climates. He gives extensive evidence to support his temperate climate hypothesis (SSL).
- 969 ***o U** Kreps, E.M., E.V. Chirkovskaya, L.F. Pomazanskaya, N.F. Avrova, M.V. Levitina, and M.A. Chebotareva. 1979. Studies on the brain lipids of the mammoth Elephas primigenius which lived more than 40,000 years ago. *Zh. Evol. Biokhim Fiziol.*, 15(3):227-238. (In Russian with Russian and English summary).
- 970 **Ed C** Kuntze, A. 1979. Treatment of colic in elephants (Elephas maximus). Pp. 281-284, in *Erkrankungen der Zootiere. Verhandlungsbericht des XXI. Internationalen Symposiums, vom 13. bis 17. Juni in Mulhouse*. Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.

- 971 **EodC** Kuntze, A., and P. Hunsdorff. 1978. Haematological and biochemical findings (Ca, P, Mg, Fe, glucose, enzymes) in Asiatic female elephants. Pp. 309-313, in *Erkrankungen der Zootiere. Verhandlungsbericht des XX. Internationalen Symposiums über die Erkrankungen der Zootiere vom 14. Juni bis 18. Juni 1978 in Dvur Kralove* (R. Ippen and H.-D. Schröder, eds.). Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.
- 972 **EodC** Kuntze, A., and P. Hunsdorff. 1979. Further haematological and biochemical findings (Ca, inorganic P, Mg, Na, K, Fe, glucose, enzymes) with reference to iron deficiency anaemia in young elephants (*Elephas maximus*). Pp. 147-150b, in *Erkrankungen der Zootiere. Verhandlungsbericht des XXI. Internationalen Symposiums, vom 13. bis 17. Juni in Mulhouse*. Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.
- 973 **Lw W** Lack, Peter. 1979. Some mammal records from Tsavo East National Park, Kenya. *E. Afr. Nat. Hist. Soc.*, September/October 1979:108-110.
- 974 ***whU** Leakey, M.D., and R.L. Hay. 1979. Pliocene footprints in the Laetolil beds at Laetoli, northern Tanzania. *Nature* (London), 278(5702):317-323.
- 975 **LgyW** Lesberg, Sandy, and Nicolai Canetti. 1975. The book of elephants. Peebles Press International, Inc., New York, 12 pp. + 130 black and white and color photographs. Commentary for laymen by Lesberg from trip through Kenya and various reactions to areas and events; photographic record by Canetti (SSL).
- 976 **Le W** Leuthold, Walter. 1979. The lesser kudu, *Tragelaphus imberbis* (Blyth, 1869). Ecology and behavior of an African antelope. *Saugetierk. Mitt.*, 27(1):1-75.
- 977 **Lj W** Leuthold, Walter, and Barbara M. Leuthold. 1975. Patterns of social grouping in ungulates of Tsavo National Park, Kenya. *J. Zool.*, London, 175(3):405-420.
- 978 ***g U** Lundin, Robert F. 1978. "Baby mammoth Dima": a new discovery. *J. Paleontol.*, 52(4):941-942.
- 979 ***a U** Madden, Cary T. 1978. Mammoths (*Mammuthus*) from the Colby site. Pp. 391-401, in *Prehistoric hunters of the high plains*. (G.C. Frison, author). Academic Press, New York, xiv + 457 pp.
- 980 ***a U** Maglio, Vincent J., and Anthony B. Ricca. 1977. Dental and skeletal morphology of the earliest elephants. *Verhandel. Konink. Nederlandse Akad. Wetensch.*, 29(1):7-51 + 4 pl.
- 981 **+vaB** Maglio, Vincent J., and H.B.S. Cooke (eds.). 1978. Evolution of African mammals. Harvard University Press, Cambridge, ix + 641 pp. Summary and overview on the origin and evolution of the class Mammalia in Africa Illustrations, tables and extensive references augment the text describing and discussing the morphology, taxonomy, geographical distribution, major phyletic units, origin and specific evolutionary trends of fifteen mammalian orders, Proboscidea in chapter 17 (JS).

- 982 **a** Mann, D.M.A., and P.O. Yates. 1979. A quantitative study of the glia of the purkinje cell layer of the cerebellum in mammals. *Neuropathol. Appl. Neurobiol.*, 5(1):71-76.
- 983 **Lb W** Matin, R.B. 1978. Aspects of elephant social organization. *Rhodesia Sci. News*, 12(8):184-187.
- 984 ***** **U** Mazzanti, R. 1977. Reperti di Elephas antiquus nel pleistocene di fauglia (Pisa). *Atti. Soc. Toscana Sci. Nat., Mem. Serie A*, 84:79-90.
- 985 **EpdC** Mill, J., and A. Kuntze. 1978. ECG studies in healthy elephants and in one diseased elephant (Elephas maximus). Pp. 315-326, in *Erkrankungen der Zootiere. Verhandlungsbericht des XX. Internationalen Symposiums über die Erkrankungen der Zootiere vom 14. Juni bis 18. Juni 1978 in Dvur Kralove (R. Ippen and H.-D. Schröder, eds.)*. Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.
- 986 **Le W** Montfort, Alain, and Nicole Montfort. 1979. L' "Opération éléphants" au Rwanda. II. Acclimatation et régime des jeunes éléphants introduits dans le Parc National de L'Akagera. *La Terre et la Vie*, 33(1):27-48. (English summary).
- 987 **L** Montfort, Alain, and Nicole Montfort. 1979. Rendement d'assimilation et bilan énergétique chez les éléphanteaux d'Afrique (Loxodonta africana Blumenbach). *Mammalia*, 43(4):543-557.
- 988 **LckW** Myers, Norman. 1976. Under the gun. *Int. Wildl.*, 6(6):5-16. Written prior to designation of African elephant as a Threatened Species, this article explores the question of culling (killing) some elephants in East Africa in order to prevent others from starving. Excellent photographs (SSL). (See Reference No. 1020).
- 989 **EwcW** Nair, P.V., and M. Gadgil. 1979. The status and distribution of elephant populations of Karnataka. *J. Bombay Nat. Hist. Soc.*, 75 (SUPPLEMENT), number of pages unknown.
- 990 ***** **U** O'Brien, Patricia J. 1978. A mastodon from Stanton County, Kansas. *Trans. Kansas Acad. Sci.*, 81(4):371-374.
- 991 **EwcW** Olivier, Robert C.D. 1978. Distribution and status of the Asian elephant. *Oryx*, 14(4):379-424.
- 992 ***w U** Opdyke, N.D., E. Lindsay, G.D. Johnson, N. Johnson, R.A.K. Tahirkheli, and M.A. Mirza. 1979. Magnetic polarity stratigraphy and vertebrate paleontology of the Upper Siwalik subgroup of northern Pakistan. *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, 27(½):1-34.
- 993 **Ly W** Polland, Don. 1976. The official African wildlife bronzes: the elephant, a photograph. *Natl. Geogr.*, 149(2):ix-xii. (Bronzes by The Franklin Mint).
- 994 **Ls W** Popham, Edward J., and M. Abdillahi. 1979. Labellar microstructure in tsetse flies (Glossinidae). *Syst. Entomol.*, 4(1):65-70.
- 995 **EctW** Putnam, John J. 1976. India struggles to save her wildlife. *Natl. Geogr.*, 150(3):299-343.
- 996 **ErxC** Ralls, Katherine, Kristin Brugger, and Jonathan Ballou. 1979. Inbreeding and juvenile mortality in small populations of ungulates. *Science*, 206(4422):1101-1103.

- 997 **LewW** Rautenberg, I.L. 1978. Ecological distribution of the mammals of the Transvaal (Vertebrata: Mammalia). *Ann. Transvaal Mus.*, 31:131-156.
- 998 **Bm C** Raw, Mary-Elizabeth. 1978. A survey of elephants in the British Isles. *Int. Zoo News*, 1 25/3(151):11-13.
- 999 **Lk W** Richter, W., N. Drager, L. Patterson, and M. Sommerlatte. 1978. Observations on the immobilization and marking of African elephants (*Loxodonta africana*) in Botswana. Pp. 185-191, in *Erkrankungen der Zootiere. Verhandlungsbericht des XX. Internationalen Symposiums über die Erkrankungen der Zootier vom 14. Juni bis 18. Juni 1978 in Dvur Kralove (R. Ippen and H.-D. Schröder, eds.)*. Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.
- 1000 **Brn** Robbins, Charles T., and Barbara L. Robbins. 1979. Fetal and neonatal growth patterns and maternal reproduction effort in ungulates and subungulates. *Amer. Natur.*, 114(1):101-116.
- 1001 **BdpC** Salzert, W. 1976. Elefanten. Pp. 133-150, in *Zootier Krankheiten (H.G. Kloss and E.M. Lang, eds.)*. Verlag Paul Parey, Berlin, total number of pages unknown.
- 1002 ***v U** Sarwar, Muhammad. 1977. Taxonomy and distribution of the Siwalik Proboscidea. *Bull. Dept. Zool.*, Lahore, 10:1-172.
- 1003 *** U** Sarwar, Muhammad. 1979. A new elephant from the Upper Siwaliks of Pakistan. *Pakistan J. Sci.*, 31(3-6):133-138.
- 1004 ***avU** Sarwar, Muhammad. 1979. A new subspecies of *Elephas hysudricus* from the Upper Siwaliks of Pabbi Hills, Punjab, Pakistan. *Pakistan J. Zool.*, 11(2):329-335.
- 1005 ***hvU** Saunders, Jeffrey J. 1978. Elephant hunters in North America. *The Living Museum*, 41(1):7-11.
- 1006 ***a U** Saunders, Jeffrey J. 1979. A close look at ivory. *The Living Museum*, 41(4):56-59.
- 1007 **EokC** Schmidt, Michael J. 1975. A preliminary report on the use of Rompun in captive Asian elephants. *J. Zoo An. Med.*, 6:13.
- 1008 **EokC** Schmidt, Michael J. 1975. The use of Xylazine in captive Asian elephants. *Proc. Am. Ass. Zoo Vet.*, pp. 1-11.
- 1009 **BgdB** Schmidt, Michael J. 1978. Elephants. Pp. 709-752, in *Zoo and wild animal medicine (Murray E. Fowler, ed.)*. W.B. Saunders Company, Philadelphia, 951 pp.
A terse update of information on elephants, with emphasis on medical treatment. Additional references should be consulted, especially on anatomy and aspects other than medical treatment (JS).
- 1010 **o** Schmidt, Michael J. 1978. Penicillin G and amoxicillin in elephants: a study comparing dose regimens administered with serum levels achieved in healthy elephants. *J. Zoo An. Med.*, 9(4):127-136.
- 1011 **Ln W** Sherry, B.Y. 1978. Growth of elephants in the Gonarezhou National Park, south-eastern Rhodesia. *S. Afr. J. Wildl. Res.*, 8(2):49-58.
- 1012 **ErvC** Shmidt, G.A. 1979. Studies of provisory organs of placental mammals as a means of their phylogenetic investigations. *Zh. Obshch. Biol.*, 40(3):398-406. (In Russian, English summary).
- 1013 **Lu W** Shorter, Clare (compiler). 1979. Uganda: Uganda bans hunting - but can poaching be stopped? *Swara*, 2(4):22.

- 1014 **LcuW** Shorter, Clare (compiler). 1979. Uganda: brighter future for Uganda's wildlife? *Swara*, 2(5):21.
- 1015 **+g B** Shoshani, Jeheskel (ed.). 1979. Elephant Number 3 (Spring). Wayne State University, Detroit, Michigan, 97 pp.
- 1016 **Le W** Simpson, C.D. 1978. Effects of elephant and other wildlife on vegetation along the Chobe River, Botswana. *Occas. Pap. Mus. Texas Tech. Univ.*, 48:1-15.
- 1017 **EwmW** Singh, V.B. 1978. The elephant in U.P. (India)--A resurvey of its status after 10 years. *J. Bombay Nat. Hist. Soc.*, 75(1):71-82.
- 1018 **d C** Stehlik, M. 1979. Tusk fractures in elephants. Pp. 269-273, in *Erkrankungen der Zootiere. Verhandlungsbericht des XXI. Internationalen Symposiums, vom 13. bis 17. Juni in Mulhouse. Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.*
- 1019 ***ghU** Stewart, John M. 1979. A baby that died 40,000 years ago reveals a story. *Smithsonian*, 10(6):125-126.
A brief update to the December 1977 article in *Smithsonian* on the discovery and recovery of the first complete mammoth for scientific study (SSL).
- 1020 **LckW** Strohm, J. (ed.). 1977. Members' forum: Elephants under the gun. *Int. Wildl.*, 7(2):18-19. (Responses from members to the article in Volume 6, Number 6, on culling, see Reference No. 988.).
- 1021 ***v U** Szabo, Barney J. 1980. Results and assessment of uranium series dating of vertebrate fossils from Quaternary alluviums in Colorado. *Arct. Alp. Res.*, 12(1):95-100.
- 1022 **Ed C** Takino, Y., and S. Arai. 1976. Foreleg fracture in an Indian elephant at Yatsu-Yuen Zoo. *Journal of Japanese Assoc. Zool. Gardens and Aquariums*, 18(1):1-4. (In Japanese).
- 1023 ***vaU** Tassy, Pascal. 1979. Relations phylogénétiques du genre *Moeritherium* Andrews, 1901 (Mammalia). *Compt. Rendus Acad. Sci., Paris, Series D*, 289(2):85-88. (English summary, *Moeritherium* . . . "can be classified in the order Proboscidea as previously thought.").
- 1024 **c W** Taylor, R.D. 1979. Biological conservation in Matusadona National Park, Kariba, Rhodesia. *Trans. Rhod. Sci. Assoc.*, 59(5):30-40.
- 1025 ***w U** Tobien, H. 1977. Migrations and non-migrations of proboscideans (Mammalia) via Bering Strait land bridge in the late Cenozoic. *J. Paleontol. Soc. India*, 20:237-243.
- 1026 ***weU** Vasishat, R.N., R. Gaur, and S.R.K. Chopra. 1978. Community structure of Middle Sivalik vertebrates from Haritalyangar (H.P.), India. *Palaeogeogr., Palaeoclimatol., Paleaocol.*, 23:131-140.
- 1027 *** U** Vereshchagin, Nikolai K., and A.I. Nikolaev. 1979. Animals hunted by neolithic tribes on the shores of Kamchatka. *Bull. Moscow Soc. Nat. Biol. Ser.*, 84(5):40-44. (In Russian).
- 1028 **LcwW** Von Orsdol, Karl G. 1979. Uganda's National Parks. *Swara*, 2(4):14-16.
- 1029 *** U** Wadley, L. 1979. Big elephant shelter and its role in the holocene prehistory of central southwest Africa. *Cimbebasia, Series B*, 3(1):1-76.
- 1030 **LcuW** Walker, Clive. 1978. Kaokoveld: who is doing the killing now? *Afr. Wildl.*, 32(6):16-20.

- 1031 **LuhW** Walker, Clive (ed.). 1978. The ring fence: an anthology of the southern elephants. Endangered Wildlife Trust, Bedfordview, South Africa, 88 pp.
Short collection of photographs, quotations from elephant hunters in the 19th century, and contemporary poems (SSL).
- 1032 **BgaB** Walker, Ernest P., Florence Warnick, Sybil E. Hamlet, Kenneth I. Lange, Mary A. Davis, Howard E. Uible, and Patricia F. Wright. (Revision for Third Edition by John L. Paradiso). 1975. Mammals of the world. The John Hopkins University Press, Baltimore, 2 Volumes, xlxvi + 1500 pp. (Order: Proboscidea; family: Elephantidae, elephants, pp. 1319-1324).
- 1033 **LxoW** Wallace, C. 1978. Chromosome analysis in the Kruger National Park: mitotic and meiotic studies in the African elephant, Loxodonta africana. Koedoe, 21:197-200.
- 1034 **Bq C** Wears, J.C. 1979. Moats and ditches at London and Whippsnade Zoos. Int. Zoo Yearbk., 19:274-280.
- 1035 **i** Wells, Susan M., and John A. Burton. 1979. The international ivory trade. Anim. Regul. Studies, 2(2):75-91.
- 1036 **LibW** Wilson, Derek, and Peter Ayerst. 1976. White gold, the story of African ivory. Taplinger Publishing Company, New York, 184 pp. Black and white photographs. Hunted for food and sport; closely entwined with slavery; driven out by colonization; above all, prized and slaughtered ruthlessly for ivory, elephants' encounters with man have always been violent. Told in vivid, historical detail (ED).
- 1037 **Lo C** Woodford, M.H. 1979. Blood characteristics of the African elephant (Loxodonta africana cyclotis). J. Wildl. Dis., 15(1):111-113.
- 1038 **okC** Wundersee, W. J., and E. Werner. 1978. Use of etorphine hydrochloride in elephants and wild Equidae in the Berlin Animal Park with reference to the legislation on the use of addictive drugs in the German Democratic Republic. Pp. 193-196, in Erkrankungen der Zootiere. Verhandlungsbericht des XX. Internationalen Symposiums über die Erkrankungen der Zootiere vom 14. Juni bis 18. Juni 1978 in Dvur Kralove (R. Ippen and H.-D. Schröder). Berlin, German Democratic Republic; Akademie-Verlag, total number of pages unknown.
- 1039 ***o U** Wyckoff, Ralph W.G., and Franklin D. Davidson. 1979. Gelatinization with formic acid. Comp. Biochem. Physiol., 62B(4):545-547.
- 1040 Young, E., and A.A. v.J. Groenewald. 1977. White lions, black springbok and pink elephants. Fauna Flora (Transvaal), 30:ii-3.
- 1041 ***avU** Zhenevskaya, R.P. 1977. Histological study of the trunk muscles of the Shandrin mammoth and a fossil bison from the Indigirka River. Pp. 61-64, in The mammoth fauna and its environment in the Anthropogene of the USSR. (O.A. Skarlato, ed.). Proc. Zool. Inst., Acad. of Sci. USSR, Vol 73. (In Russian).
- 1042 **Ep** Zhirmunsky, A.V., and V.I. Kuzmin. 1979. Third system of regulation of functions of human and animal organism-system of active points. Zh. Obshch. Biol., 40(2):176-188. (In Russian, English summary).

EARLIER LITERATURE ON ELEPHANTS: 1970-1974

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- 1044 *vwU Coryndon, S.C., and J.G. Savage. 1973. The origin and affinities of African mammal faunas. Pp. 121-135, in *Organisms and continents through time* (N.F. Hughes, ed.). Special Paper in Paleontology, No. 12. Systematics Assn. Publ. No. 9, Paleontological Assn., London, vi + 334 pp.
- 1045 EcwW Crusz, Hilary. 1973. Nature conservation in Sri Lanka (Ceylon). *Biol. Conserv.*, 5(3):199-208.
- 1046 *awU Dorr, John A., Jr., and Donald F. Eschman. 1971. *Geology of Michigan*. The University of Michigan Press, Ann Arbor, 476 pp. (Chapter on fossils, including proboscideans).
- 1047 Fisher, Jonathan. 1972. *Scripture animals*. The Pyne Press, Princeton, x + 347 pp. (An unabridged republication of the work originally published by William Hyde in Portland, Maine, in 1834).
- 1048 LlmW Graham, A.D., and Richard M. Laws. 1971. The collection of found ivory in Murchison Falls National Park, Uganda. *E. Afr. Wildl. J.*, 9:57-65.
- 1049 *avU Harris, John M. 1973. Prodeinotherium from Gebel Zelten, Libya. *Bull. Brit. Mus. (Nat. Hist.), Geology*, 23(5):283-348.
- 1050 LenW Heath, B.R., and C.R. Field. 1974. Elephant endurance on Galana ranch, Kenya. *E. Afr. Wildl. J.*, 12(3):239-242.
- 1051 LcwW Hoffman, L., and H. Jungius. 1972. Conservation in tropical Africa. *Acta Trop.*, 29:482-506.
- 1052 n Joubert, D.M. 1971. On body size and cell size in the musculature of large and small mammals. *Agroanimalia*, 3(3):113-114.
- 1053 EhyB Lee, E. Sherman. 1973. *A history of Far Eastern art*. (Revised edition). Harry N. Abrams, Inc., New York, 532 pp.
- 1054 LhyB Lloyd, John B. 1971. *African animals in renaissance literature and art*. Clarendon Press, Oxford, 145 pp. and 93 plates.
- 1055 Macdonald, J.R. 1972. Death trap of the ages. Pp. 38-41, in *Marvels and mysteries of the world around us*. The Reader's Digest Association, Pleasantville, New York, total number of pages unknown.
- 1056 Ew W Medway, Lord. 1972. The Gunong Benom expedition 6. 1967. The distribution and altitudinal zonation of birds and mammals on Gunong Benom. *Bull. Br. Mus. (Nat. Hist.) Zool.*, 23(5):103-154.
- 1057 Medway, Lord. 1972. The quaternary mammals of Malesia: a review. Pp. 63-98, in *The quaternary era in Malesia* (P. Ashton and M. Ashton, eds.). Department of Geography, Misc. Series No. 13, University of Hull, Hull, number of pages unknown.
- 1058 LgjW Myers, Norman. 1972. *The long African day*. The Macmillan Company, New York, 404 pp. (Elephants on pages 256-266).
- 1059 *avU Olsen, Stanley J. 1972. The American mastodon and the woolly mammoth. *Osteology for the archaeologist*. Pap. Peabody Mus. *Archaeol. Ethnol.*, Harvard, 56(3):x + 1-45.
- 1060 z Owens, Mary Ann. 1972. Why an elephant? Pp. 207-226, in *American Philatelic Congress Book* (L of C #40-2870).

- 1061 **Lm W** Pennycuick, C.J., and D. Western. 1972. An investigation of some sources of bias in aerial transect sampling of large mammal populations. *E. Afr. Wildl. J.*, 10(3):175-191.
- 1062 **Le W** Pienaar, U. de V. 1970. Water resources of the Kruger Park. *Afr. Wild Life*, 24(3):180-191.
- 1063 ***h U** Sanderson, Ivan T. 1972. The riddle of the quick-frozen mammoths. Pp. 34-37, in *Marvels and mysteries of the world around us*. The Reader's Digest Association, Pleasantville, New York, total number of pages unknown.
- 1064 **LecW** Schaaf, C. Dietrich. 1972. Elephants, fire and the environment. *Anim. Kingd.*, 75(2):8-15.
- 1065 **+p B** Schmidt-Nielsen, Knut. 1973. *How animals work*. Cambridge University Press, New York, vi + 114 pp.
- 1066 **Bh B** Scullard, H.H. 1974. *The elephant in the Greek and Roman world*. Cornell Univ. Press, Ithaca, 288 pp.
- 1067 **LchW** Sheldrick, Daphne. 1973. *Animal kingdom: the story of Tsavo, the great African Game Park*. The Bobbs-Merrill Company, Inc., New York, 288 pp.
This book contains an exciting first-hand review of the growing pains and unique ecstasies associated with Tsavo's development as a leader among the world's finest game preserves. Sheldrick spices up the history lesson with detailed personal accounts describing her own ever-changing menagerie of "wild" animals including elephants (MJB).
- 1068 **LlmW** Spinage, C.A. 1972. African ungulate life tables. *Ecology*, 53(4):645-652.
- 1069 **L** Spinage, C.A., and Fiona E. Guinness. 1971. Tree survival in the absence of elephants in the Akagera National Park, Rwanda. *J. Appl. Ecol.*, 8(3):723-728.
- 1070 **Ld W** Taufflieb, R., Y. Robin, and M. Cornet. 1971. The yellow fever virus and wild animals in Africa. *Ser. Entomol. Med. Parasitol.*, 9(4):351-371.
- 1071 **LecW** Watson, R.M., R.H.V. Bell, and I.S.C. Parker. 1972. Men and elephants. *Africana*, 4(11):20-21.
- 1072 ***gwU** Wendt, Herbert. 1972. In the deep-freeze of nature. Pp. 455-467, in *Grzimek's encyclopedia of evolution*. Van Nostrand Reinhold Company, New York, 560 pp.
- 1073 **Lk W** Woodford, M.H., S.K. Eltringham, and J.R. Wyatt. 1972. An analysis of mechanical failure of darts and costs involved in drug immobilization of elephant and buffalo. *E. Afr. Wildl. J.*, 10(3):279-285.

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- 1078 **EgeW** De Silva, George S. 1968. Elephants of Sabah. *Sabah Soc. J.*, 3(4):169-181.
- 1079 **Bb W** Eisenberg, John F. 1966. The social organization of mammals. *Handb. Zool.*, 8(39):1-92.
- 1080 **LemW** Field, C.R. 1968. A comparative study of the food habits of some wild ungulates in the Queen Elizabeth National Park, Uganda. Preliminary report. *Symp. Zool. Soc., London*, 21:135-151.
- 1081 Fitter, R. 1968. Vanishing wild animals of the world. Franklin Watts, Inc., New York, 144 pp.
- 1082 Fouquer, Roger. 1966. Carcasses d'elephants. *Nouvelles Éditions Latines, Paris*, 252 pp.
- 1083 **p** Geddes, L.A., et al. 1967. The electrocardiogram of the elephant. *S. W. Vet.*, 20:211.
- 1084 **Le W** Glover, P.E. 1968. The role of fire and other influences on the savannah habitat, with suggestions for further research. *E. Afr. Wildl. J.*, 6:131-137.
- 1085 **Er C** Gowda, C.D. Krishne. 1969. A brief note on breeding Indian elephants, Elephas maximus, at Mysore Zoo. *Int. Zoo Yearbk.*, 9:99.
- 1086 Graham, A., and R. Bell. 1969. Factors influencing the countability of animals. *E. Afr. Agric. For. J., Special Issue*, 34:38-43.
- 1087 Jolly, G.M. 1969. The treatment of errors in aerial counts of wildlife populations. *E. Afr. Agric. For. J., Special Issue*, 34:50-55.
- 1088 **BapU** Kubota, Kinziro. 1967. Comparative anatomical and neurohistological observations on the tongues of elephants (Elephas indicus and Loxodonta africana). *Anat. Rec.*, 157(3):505-515.
- 1089 **Lg W** Leakey, Louis S.B. 1969. The wild realm: animals of East Africa. The National Geographic Society, Washington, D.C., 200 pp. (Chapter 2, pp. 29-34 contains a section on elephants.).
- 1090 **L** Mojsisovics, R. 1965. Zur Kenntnis der afrikanischen Elefanten. *Arch. Naturgesch.*, 45:56.
- 1091 **EO** Nirmalan, G., and S.G. Nair. 1968. A study of the free amino acids in the blood of Indian elephants (Elephas maximus) by paper partition chromatology. *Ceylon Vet. J.*, 16:16-18.
- 1092 **LmeW** Petrides, George A., and Wendell G. Swank. 1965. Population densities and range-carrying capacity for large mammals in Queen Elizabeth National Park, Uganda. *Zoologica Africana*, 1(1):209-225.
- 1093 **Lk W** Piennar, U. de V. 1968. Recent advances in the field immobilization and restraint of wild ungulates in south African national parks. *Acta Zool. Pathol. Antverpiensia*, 46:17-38.
- 1094 **k** Pienaar, U. de V., and J.W. van Niekerk. 1967. The capture and translocation of three species of wild ungulates in the Eastern Transvaal with special reference to R.05-2807/B-5F (Roche) as tranquillizer in game animals. *Koedoe*, 6:93-100.
- 1095 **Eg W** Prater, S.H. 1965. The book of Indian animals. Bombay Nat. Hist. Soc. and Prince of Wales Museum of Western India, Bombay, xii + 323 pp.

- 1096 **+avB** Romer, Alfred S. 1966. Vertebrate paleontology. University of Chicago Press, Chicago, ix + 468 pp. ("Subungulates," pp. 247-254).
- 1097 **Le W** Ross, I.C., and G.N. Harrington. 1968. The practical aspects of implementing a controlled burning scheme in the Kidepo Valley National Park. *E. Afr. Wildl. J.*, 6:101-105.
- 1098 **BhyB** Sillar, Frederick C., and R.M. Meyler. 1968. Elephants ancient and modern. The Viking Press, New York, 255 pp.
- 1099 Stracey, P.D. 1967. Reade, elephant hunter. Robert Hale, London, 173 pp.
- 1100 **Bf B** Thompson, Stith. 1966. Motif-Index of folk-literature. Volume 6. Indiana University Press, Bloomington, 892 pp. ("elephant" on pp. 248-250).
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- 1102 ***waU** Wilson, Richard L. 1967. The Pleistocene vertebrates of Michigan. *Pap. Mich. Acad. Sci. Arts. Lettrs.*, 52:197-234.
- 1103 **LcnC** Young, E., and J. Oelofse. 1969. Management and nutrition of 20 newly captured young African elephants, *Loxodonta africana*, in the Kruger National Park. *Int. Zoo Yearbk.*, 9:179-184.
- 1104 ***w U** Van Valen, Leigh. 1969. Late Pleistocene extinctions. Pp. 469-485, in *Proceedings of the North American Paleontological Convention* (L. Van Valen, ed.). Total number of pages unknown.

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- 1106 **LarW** Amoroso, E.C., and J.S. Perry. 1964. The foetal membranes and placenta of the African elephant (*Loxodonta africana*). *Phil. Trans. Royal Soc. London, Ser. B.*, 248(743):1-34.
- 1107 **C** Anghi, C.G. 1961. Quinba, the fifth elephant calf. *Int. Zoo News*, 8(3):78-79.
- 1108 **ErmC** Anghi, Cs.G. 1962. Breeding Indian elephants, *Elephas maximus*, at the Budapest Zoo. *Int. Zoo Yearbk.*, 4:83-86.
- 1109 Anonymous. 1961. Historical notes concerning Malaya. Pp. 248-249, in *Nature Conservation in west Malaysia* (J. Wyatt-Smith and P.R. Wycherley, eds.). Malayan Nature Society, city unknown, total number of pages unknown.
- 1110 **E** Anonymous. 1961. Paratyphoid in a 3 year old Indian elephant. *Int. Zoo Yearbk.*, 1:238.
- 1111 **Lb W** Anonymous. 1963. Elephant evidence. *Qtly. Rept. Warden, Murchison Falls Nat. Park. Wildlife and Sport*, 3(3):29.
- 1112 **Lb W** Anonymous. 1964. Elephant deprives leopard of his meal. *Afr. Wild Life*, 18(4):330.
- 1113 **Br B** Asdell, Sydney A. 1964. Patterns of mammalian reproduction (2nd edition). Cornell University Press, Ithaca, xi + 670 pp. (Proboscidea, pp. 510-512).
- 1114 ***ghU** Augusta, Josef. 1962. A book of mammoths. Paul Hamlyn, London, 52 pp. + 20 plates. Illustrated by Zdenek Burian.

- 1115 **LopU** Bartels, Heinz, Peter Hilpert, Klaus Barbey, Klaus Betke, Klaus Riegel, Ernst M. Lang, and James Metcalfe. 1963. Respiratory functions of blood of the yak, llama, camel, Dybowski deer, and African elephant. *Am. J. Physiol.*, 205:331-336.
- 1116 **LenW** Bax, P. Napier, and D.L.W. Sneldrick. 1963. Some preliminary observations on the food of elephants in the Tsavo Royal National Park (East) of Kenya. *E. Afr. Wildl. J.*, 1:40-53.
- 1117 **LntC** Bellinge, W.H.S., and F.W. Woodley. 1964. Some notes on the rearing of young African elephants. *E. Afr. Wildl. J.*, 2:71-74.
- 1118 **En C** Ben Shaul, Devoran M. 1962. The composition of the milk of wild animals. *Int. Zoo. Yearbk.*, 4:333-342.
- 1119 Blâncou, L. 1960. Destruction and protection of the fauna of French Equatorial and French West Africa. III. Carnivores and some others. *Afr. Wildl.*, 14:241-245.
- 1120 **Lv W** Blâncou, L. 1962. A propos des formes naines de l'elephant d'Afrique. *Mammalia*, 26:343-361.
- 1121 **BghB** Blond, Georges. 1962. The elephants. Andre Deutsch Ltd., London, 180 pp. (Translated from French by Frances Frenaye).
- 1122 Bourlière, F. 1963. Observations on the ecology of some large African mammals. Viking Fund Publication in Anthropology, 36:43-54.
- 1123 **LevW** Bourlière, F., and J. Verschuren. 1960. Introduction a l'écologie des ongulés du Parc National Albert. *Explor. Parc Natn. Albert*, Bruxelles, 158 pp. + xlix plates.
- 1124 **EpmC** Brattstrom, Bayard H., Arthur J. Stavile, Frederick R. Williams, James Des Lauiers, and Danny Pope. 1963. Body temperature of Indian elephants. *J. Mamm.*, 44(2):282.
- 1125 **LsdV** Brocklesby, D.W., and Heather Campbell. 1963. A babesia of the African elephant. *E. Afr. Wildl. J.*, 1:119.
- 1126 **LmkW** Brooks, Allan C., and Irven O. Buss. 1962. Past and present status of the elephant in Uganda. *J. Wildl. Mgmt.*, 26(1):38-50.
- 1127 **LimW** Brooks, Allan C., and Irven O. Buss. 1962. Trend in tusk size of the Uganda elephant. *Mammalia*, 26(1):10-34. ("In 1926 average tusk weight was 55 pounds; by 1958 it averaged approximately 40 pounds.").
- 1128 **Le W** Buechner, H.K., and H.C. Dawkins. 1961. Vegetation change induced by elephants and fire in Murchison Falls National Park, Uganda. *Ecology*, 42(4):752-766.
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- 1130 **LovU** Buettner-Janusch, John, Vina Buettner-Janusch, and John B. Sale. 1964. Plasma proteins and haemoglobins of the African elephant and the hyrax. *Nature (London)*, 201(4918):510-511. Serological evidence for elephant-hyrax relationship (JS).
- 1131 **LmbW** Burger, Brian, and Gillian Burger. 1963. Game counts at Wankie. *Afr. Wild Life*, 17(4):337-342.
- 1132 **LjwW** Buss, Irven O. 1961. Some observations on food habits and behavior of the African elephant. *J. Wildl. Mgmt.*, 25(2):131-148.
- 1133 **LbpW** Buss, Irven O. 1962. The origin of certain sounds made by the elephant. *Wildlife and Sport*, 3(1):33-35.

- 1134 **LgcW** Buss, Irven O. 1963. Prelude to management -- home life of the African elephant. *Anim. Kingd.*, 66(3):74-79.
- 1135 **Lg W** Buss, Irven O., and A.C. Brooks. 1961. Observations on number, mortality and reproduction in the African elephant. *Proc. IUCN, Arusha, Tanganyika, Sept. 1961.* [Fr. trans. in *La Terre et la Vie, Rev. Ecol. appl.*, 1962, 2(April-June):175-182.].
- 1136 **Bb B** Cave, A.J.E. 1963. Vocal communication in an elephant. *Wildlife and Sport*, 3(3):14-19.
- 1137 **La W** Cave, A.J.E., and F.J. Aumonier. 1962. Elephant and rhinoceros lymph node histology. *J. Royal Microsc. Soc.*, 80(30):209-214.
- 1138 **Ea C** Cave, A.J.E., and F.J. Aumonier. 1964. Lymph node structure in an Asiatic elephant. *J. Royal Microsc. Soc.*, 82(4):251-255.
- 1139 **Lw W** Child, Graham, and C.R. Savory. 1964. The distribution of large mammal species in southern Rhodesia. *Arnoldia (Rhodesia)*, 1(14):1-15.
- 1140 **EraC** Cooper, R.A., R.S. Connell, and S.R. Wellings. 1964. Placenta of the Indian elephant, *Elephas indicus*. *Science*, 146(3642):410-412.
- 1141 **BgcC** Crandall, Lee S. 1964. The management of wild mammals in captivity. The University of Chicago Press, xv + 761 pp. Proboscidea on pp. 451-476. Well written section including background information, life history and breeding. Oldest recorded age of elephant (Jessie): 69 or 77 years (JS).
- 1142 **BamB** Deraniyagala, P.E.P. 1963. Tusk and tail variation in *Elephas maximus maximus* Linné and in *Loxodonta africana* (Blumenbach). *Spolia Zeylanica*, 30(1):85-86 + 1 plate.
- 1143 **LneW** Dougall, H.W. 1963. On the chemical composition of elephant faeces. *E. Afr. Wildl. J.*, 1:123.
- 1144 **LneW** Dougall, H.W., and D.L.W. Sheldrick. 1964. The chemical composition of a day's diet of an elephant. *E. Afr. Wildl. J.*, 2:51-59.
- 1145 **LneW** Dougall, H.W., V.M. Drysdale, and P.E. Glover. 1964. The chemical composition of Kenya browse and pasture herbage. *E. Afr. Wildl. J.*, 2:86-121.
- 1146 **d C** Elze, K. 1963. Über eine unter dem Klinischen Bild des botulismus verlaufene Erkrankung beim Elefanten. *Proc. 4th Int. Symp. Dis. Zoo Anim., Nord. Vet.-Med.*, 14:259-271.
- 1147 **EapC** Engel, S. 1963. The respiratory tissue of the elephant (*Elephas indicus*), second communication. *Acta Anat.*, 55:105-111.
- 1148 **EarW** Fernando, S.D.A., J.B. Jayasinghe, and R.G. Panabokke. 1963. A study of the temporal gland of an Asiatic elephant, *Elephas maximus*. *Ceylon Vet. J.*, 11(4):108-111.
- 1149 **Ec W** Foenander, E.C. 1961. The conservation of the Malayan elephant. Pp. 192-196, in *Nature conservation in western Malaysia* (J. Wyatt-Smith and P.R. Wycherley, eds.). Malayan Nature Society, Kuala Lumpur, total number of pages unknown.
- 1150 **La W** Foran, W.R. 1960. Single tusked and tuskless elephants. *Wild Life, Nairobi*, 2(3):32-33.
- 1151 **Ea** Fujita, Tsuneo, and Toshiro Kamiya. 1963. Zur makroskopischen und mikroskopischen Anatomie der Schilddrüse und Nebenschilddrüse des indischen Elefanten. *Anat Anz.*, 112:72-78.
- 1152 **LweW** Glover, J. 1963. The elephant problem at Tsavo. *E. Afr. Wildl. J.*, 1:30-39.

- 1153 **LceW** Glover, P.E., and D. Sheldrick. 1964. An urgent research problem on the elephant and rhino populations of the Tsavo National Park in Kenya. *Bull. Epiz. Dis. Afr.*, 12:33-38.
- 1154 **Ld C** Gorovitz, C. 1962. Tuberculosis in an African elephant. *Proc. 4th Int. Symp. Dis. Zoo Anim., Nord. Vet.-Med.*, 14:351-352.
- 1155 **Lj W** Grzimek, Bernhard. 1963. He and I and the elephants. Hill and Wang, New York, 208 pp. (Encounters in the Ivory Coast).
- 1156 **Lj W** Grzimek, Bernhard, and Michael Grzimek. 1960. Serengeti shall not die. Collins, Fontana Books, London, 256 pp. (Translated from German by E.L., and D. Rewald).
- 1157 **BewW** Harrison, J.L. 1962. The distribution of feeding habits among animals in a tropical rain forest. *J. Anim. Ecol.*, 31:53-63.
- 1158 **d C** Hass, H.D. 1963. Über die Beteiligung des menschlichen Auges bei der in Leipzig aufgetretenen "boesartigen haut-und Schleimhauterkrankung der Elefanten." *Zool. Gart., Lpz.*, 27:104-106.
- 1159 **Le W** Havenga, M.J. 1963. Elephant damage in Kruger National Park. *Afr. Wild Life*, 17(2):167-168.
- 1160 **BgbC** Hediger, Heini. 1964. Wild animals in captivity. Dover Publications, Inc., New York, ix + 207 pp.
- 1161 **Ea C** Heinze, W., and H. Sajonski. 1963. Zur Anatomie der Elefantenlunge. *Zool. Jb. (Anat.)*, 81(1):17-26.
- 1162 **Lg W** Herre, W. 1963. Symposium über afrikanische Säugetiere. *Z. Säugetierk.*, 28:375-378.
- 1163 **LgeW** Hey, D. 1962. The elephants of the Knysna forest. *Afr. Wild Life.*, 16(2):101-108.
- 1164 **LonW** Howard, D.A. 1964. The copper content of the liver of some game animals in Kenya. *E. Afr. Wildl. J.*, 2:47-50.
- 1165 **LbpW** Irwin, T.E. 1963. Elephants' stomach rumbles. *Afr. Wild Life*, 17(2):112.
- 1166 **La W** Irwin, T.E. 1964. Large tuskers in Tanganyika. *Afr. Wild Life*, 18(3):229-234. (" . . . the most important factors controlling tusk size in an elephant are heredity and longevity" . . . also "selective shooting . . .").
- 1167 **Ep W** Jayasinghe, J.B., S.D.A. Fernando, and L.A.P. Brito-Babapulle. 1963. The electrocardiographic patterns of Elephas maximus - the elephant of Ceylon. *Br. Vet. J.*, 119:559-564.
- 1168 **Ep W** Jayasinghe, J.B., S.D.A. Fernando, and L.A.P. Brito-Babapulle. 1964. The electrocardiogram of a baby elephant. *Am. Heart J.*, 67:388-390.
- 1169 **Le W** Jeppe, C. Biccard. 1963. Tree damage due to elephants. *Afr. Wild Life*, 17(3):259.
- 1170 **LraW** Johnson, Oscar W. 1964. Histological and quantitative characteristics of the testes, observations on the teeth and pituitary gland, and the possibility of reproductive cyclicality in the African elephant (Loxodonta africana). Ph.D. Thesis, Washington State University.
- 1171 **LraW** Johnson, Oscar W. 1964. Histological and quantitative characteristics of the testes, observations on the teeth and pituitary gland, and the possibility of reproductive cyclicality in the African elephant (Loxodonta africana). *Diss. Abstr. (Int. B.)*, 25:1422.

- 1172 **Lb C** Kühme, Wolfdietrich. 1963. Ergänzende Beobachtungen an afrikanischen Elefant an (Loxodonta africana Blumenbach 1797) im Freigehege. (2. Teil). Z. Tierpsychol., 20:66-79.
- 1173 **LrbC** Kühme, Wolfdietrich. 1962. Ethology of the African elephant (Loxodonta africana Blumenbach 1797) in captivity. Int. Zoo Yearbk., 4:113-121.
- 1174 **Bb C** Kurt, Fred. 1960. Le sommeil des elephants. Mammalia, 24(2):258-272.
- 1175 **LewW** Lamprey, H.F. 1963. Ecological separation of the large mammal species in the Tarangire Game Reserve, Tanganyika. E. Afr. Wildl. J., 1:63-92.
- 1176 **LmwW** Lamprey, H.F. 1964. Estimation of the large mammal densities, biomass and energy exchange in the Tarangire Game Reserve and the Masai Steppe in Tanganyika. E. Afr. Wildl. J., 2:1-46.
- 1177 **Er C** Landowski, J., and J. Gill. 1964. Einige Beobachtungen über das Sperma des indischen Elefanten (Elephas maximus L.). Zool. Gart., Lpz., 29:205-212.
- 1178 **LrbW** Levin, A.H. 1964. Elephants mate in Orpen Dam. Afr. Wild Life, 18(3):202-203. (Four photographs of elephants mating in water).
- 1179 **Lg W** Maberly, C.T. Astley. 1960. Animals of East Africa. Hodder and Stoughton, Cape Town, 211 pp. (Sometimes listed under Astley.).
- 1180 Maberly, C.T. Astley. 1963. The game animals of southern Africa. Johannesburg, Nelson, total number of pages unknown. (Sometimes listed under Astley.).
- 1181 **Er C** Maberry, Matthew B. 1962. Breeding Indian elephants, Elephas maximus, at Portland Zoo. Int. Zoo Yearbk., 4:80-83.
- 1182 **ErbC** McGaughey, C.A. 1963. Musth. Ceylon Vet. J., 11(4):105-107.
- 1183 **Lm W** Martin, Anthony. 1963. Largest recorded elephant. Afr. Wild Life, 17(1):80.
The Fenykovi elephant (from Angola), exhibited at the Smithsonian Institution's Natural History Building, ". . . stands 13 feet 2 inches at the shoulder and, in life, weighed an estimated 12 tons!" (E/JS).
- 1184 **EweW** Medway, Lord. 1964. The Fauna. Pp. 55-66, in Malaysia: a survey (W. Gungwu, ed.). Pall Mall Press, London, 466 pages.
- 1185 **i** Miles, A.E.W., and J.W. White. 1960. Ivory. Proc. R. Soc. Med., 53:775-780.
- 1186 **Lb W** Millar, Gordon. 1963. Rogue elephant. Afr. Wild Life, 17(1):75-76.
- 1187 **Lb W** Mitchell, B.L. 1963. A possible visual signal by elephant. Puku, 1:217. (" . . . ear flattened against the sides of their heads, trunks relaxed and hanging down. No sound was uttered . . .").
- 1188 **Lb W** Mithi, Thomson. 1963. Elephant washes babies. Afr. Wild Life, 17:332.
- 1189 **c** Mosby, H.S. 1963. Elephant management schemes: wildlife investigation techniques. Publ. Wild Life Soc., pp. 220-222.
- 1190 **LrbW** Nel, I.Z.G. 1963. "...and the elephants make love". Afr. Wild Life, 17(2):157-158.
- 1191 **ErbW** Norris, C.E. 1964. Mating of elephants. Loris, December 1964:88-89.

- 1192 **Ezf** Noss, John B. 1964. Artwork entitled "Queen Mahamaya conceiving the Buddha. (From railing medallion at Bharhut Museum, Calcutta)". P. 207, in Man's Religions (Third Edition). The Macmillan Company, New York, xvi + 816 pp.
Description of Dream of Queen Maya, in which a white elephant visits her and the Buddha is conceived (SD).
- 1193 **Ep C** Orbanyi, I., and G. Stohl. 1962. Elephant-Urin Untersuchungen. Vorläufige Mitteilung. Proc. 4th Int. Symp. Dis. Zoo Anim., Nord. Vet.-Med., 14(Suppl. 1):321-328.
- 1194 **Lc W** Parker, I.S.C. 1964. The Galana game management scheme. Bull Epiz. Dis. Afr., 12:21-31.
- 1195 **LarW** Perry, J.S. 1964. The structure and development of the reproductive organs of the female African elephant. Phil. Trans. Royal Soc. Lond., Ser. B., Biol. Sci., 248:35-51.
- 1196 **La W** Petter, Germaine. 1964. À propos de quelques petits éléphants de forêt attribués à Loxodonta cyclotis Matschie. Rev. Zool. Bot. Afr., 70:575-590.
- 1197 **L W** Pfeffer, Pierre. 1961. Sur la validité de formes naines de l'éléphant d'Afrique. Mammalia, 25(1):556-576.
- 1198 **np** Phillipson, A.T. 1963. The nutritional physiology of the adult ruminant. Pp. 221-260, in Animal health, production, and pasture (A.N. Worden, K.C. Sellers and D.E. Tribe, eds.). Longmans, London, total number of pages unknown.
- 1199 **Lw W** Pienaar, U. de V. 1963. The large mammals of the Kruger National Park: their distribution and present day status. Koedoe, 6:1-50.
- 1200 **Lb W** Poles, W.E. 1960. Courtship of African elephants. Black Lechwe (Lusaka), 2(4):105-110.
- 1201 **da** Potel, K., and H. Kronberger. 1963. Pathologische Anatomie und Histologie: eine bösartige haut-und Schleimhautrekrankung bei Elefanten. Zool. Gart., Lpz., 27:1-103.
- 1202 **L W** Priestley, N. de B. 1962. Elephant in northern Nigeria. Niger. Fld., 27:170-172.
- 1203 **Lj W** Rees, A.F. 1963. Some notes on elephants and their feeding habits. Tanganyika Notes Rec., 61:205-208.
- 1204 **LesW** Rice, D. 1963. Birds associating with elephants and hippopotamuses. Auk, 80:196-197.
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- 1206 **Eo U** Riggs, Austen. 1963. The amino acid composition of some mammalian hemoglobins: mouse, guinea pig, and elephant. J. Biol. Chem., 238(9):2983-2987.
- 1207 **Le W** Robertson-Bullock, W. 1960. Elephants eat baobab trees in Northern Rhodesia. Afr. Wild Life, 14(2):143-145.
- 1208 **Lm W** Robertson-Bullock, W. 1962. The weight of the African elephant, Loxodonta africana. Proc. Zool. Soc. London, 138:133-135.
The weights of different parts of four dissected elephants are recorded in table format. African folklore takes its toll (JS).
- 1209 **Lm W** Robinette, W.L. 1963. Weights of some of the larger mammals of Northern Rhodesia. Puku, 1:207-215.
- 1210 **Ln C** Roth, H. 1963. Abnormale Laktation eines afrikanischen Elefanten. Zool. Gart., Lpz., 26:122-123.

- 1211 **Ln W** Saint, Charles F.M. 1963. Elephant 11 feet 9 inches. *Afr. Wild Life*, 17(1):81.
- 1212 **BghB** Sanderson, Ivan T. 1962. The dynasty of Abu: a history and natural history of the elephants and their relatives, past and present. Alfred A. Knopf, New York, xiv + 376 + viii pp. According to Sanderson, "Abu" is a word of ancient origin meaning "hard", first used in Dynastic Egypt (3200-330 B.C.) for ivory and to designate African and Asian elephants. It is believed that the Hebrew word Elaph (= "ox") may have been derived from this word, and that the Greek Elephas (= "huge arch") is, in turn, a derivative of this. However, some etymologists doubt these opinions and state that the word "elephant" did not derive from the Hebrew "elaph" (phonetically spelt "eleph"), but from another origin. Other information in the book needs to be corrected and updated; otherwise, it is a good account on the subjects (JS).
- 1213 **LewW** Savidge, J.M. 1963. Elephants in the Kidepo Valley National Park, Uganda. *E. Afr. Wild Life Soc., Sci. Tech. Comm. Quart. Bull.*, 8:11-18.
- 1214 **LewW** Savidge, J.M. 1963. The Kidepo Valley National Park. *Afr. Wild Life*, 17(4):279-287.
- 1215 **BovC** Schmitt, J. 1960. Hochspannungselektrophoretische Untersuchungen an Säugetierhämoglobinen. *Biochemische Zeitschrift*, 333:71-77. (English summary).
- 1216 **Bo C** Schmitt, J. 1964. Haematological studies in elephants. *Vet. Med. Rev. Lev.*, 2:87-95.
- 1217 **La** Schneider, Rolf. 1964. Der Larynx der Säugetiere. *Handb. Zool.*, 8(5):1-128. (120 species included, 662 references).
- 1218 **Ea C** Shimizu, Yoshifusa, Tsuneo Fujita, Toshiro Kamiya, and Sohiti Isokawa. 1960. Anatomy of a female Indian elephant with special reference to its visceral organs. *Acta Anat. Nippon*, 35(3):261-301. (In Japanese).
A young female elephant was dissected and her gross and microscopic structures were studied. The following parts are in English: captions of the 19 figures, two tables, summary and the comprehensive bibliography. Many of the 240 references on the anatomy of the elephant are annotated (JS).
- 1219 **BapB** Short, R.V. 1962. The peculiar lungs of the elephant. *New Scientist*, 16(316):570-572.
- 1220 **LceW** Sikes, Sylvia K. 1964. The Yankari Game Reserve, northern Nigeria. *Afr. Wild Life*, 18(4):313-323.
- 1221 **L W** Sikes, Sylvia K. 1964. Nigerian forest and savannah elephants. *Niger. Fld.*, 29:9-16.
- 1222 **Ln W** Sikes, Sylvia K. 1964. A game survey of the Yankari Reserve of northern Nigeria. I. *Niger. Fld.*, 29:54-82.
- 1223 **Ln W** Sikes, Sylvia K. 1964. A game survey of the Yankari Reserve of northern Nigeria. II. *Niger. Fld.*, 29:127-141.
- 1224 **Eo C** Simon, K.J. 1961. Haematological studies on elephants. *Ind. Vet. J.*, 38:241-245.
- 1225 **LhcW** Simon, Noel. 1962. Between the sunlight and the thunder: the wildlife of Kenya. Collins, London, 384 pp.
- 1226 Somander, S.V.O. 1963. Wild elephants as water diviners. *Loris*, 9:244-246.

- 1227 **Lb W** Spinage, C.A. 1960. An unusual threat display of the African elephant. *J. E. Afr. Nat. Hist. Soc.*, 23:243. (" . . . it suddenly knelt down on all fours, and lifting one fore-leg, pawed the air with it. At the same time the mouth was held open with its trunk curled back over its head, and its male organ was also extruded.").
- 1228 **LmeW** Spinage, C.A. 1963. Elephant numbers. *Afr. Wild Life*, 17(4):325-332.
- 1229 Stewart, D.R.M., and J. Stewart. 1963. The distribution of some large mammals in Kenya. *J. E. Afr. Nat. Hist. Soc.*, 24(3):1-52.
- 1230 Stracey, P.D. 1963. Elephant gold. Cox and Wyman, London, total number of pages unknown.
- 1231 **LmwW** Talbot, Lee M., and D.R.M. Stewart. 1964. First wildlife census of the entire Serengeti-Mara region, East Africa. *J. Wildl. Mgmt.*, 28(4):815-827.
- 1232 **LjcW** Thesen, H.P. 1963. Encounters with Knysna elephants. *Afr. Wild Life*, 17(4):288-291.
- 1233 Tigges, J. 1964. Morphogenese, häute, blutversorgung, Ventrikelsystem und Rueckenmark. Pp. 1-42, in *Makromorphologie des Zentralnervensystems*. (H. Hofer and J. Tigges, eds.). *Handb. Zool.*, 8, Berlin, total number of pages unknown.
- 1234 **Lm W** Turner, M.I.M., and R.M. Watson. 1964. A census of game in Ngorongoro Crater. *E. Afr. Wildl. J.*, 2:165-168.
- 1235 van der Spuy, J.S. 1962. A preliminary report on the distribution and approximate size of populations of some ungulate mammals in South West Africa. *Ann. Cape Prov. Mus.*, 2:41-52.
- 1236 * **U** Vereshchagin, N. 1960. Diseases of teeth in Yakutsk mammoths. *Bull. of the Commission for the Study of the Tertiary Period*, 26:109-111.
- 1237 **Ea C** Verhaart, W.J.C. 1963. Pyramidal tract in the cord of the elephant. *J. Comp. Neurol.*, 121:45-49.
- 1238 **Lap** Verheyen, R. 1960. Sur la morphologie et le remplacement des molaires chez l'éléphant d'Afrique (*Loxodonta africana*). *Bull. Inst. Royal Sci. Nat. Belg.*, 36:1-19.
- 1239 **EapC** Villaseñor C., Clemente. 1964. A new cellular type found in the liver of *Elephas maximus*. *Gaceta Médica de México*, 94(4):403-405. (In Spanish).
Cells in the epithelium of intrahepatic bile ducts of elephants may perform some type of motor function (ES).
- 1240 **LjhW** Willock, Colin. 1964. The enormous zoo; a profile of the Uganda national parks. Harcourt, Brace & World, Inc., New York, xiii + 210 pp.
- 1241 **Lb W** Winter, W.H. 1964. Elephant behaviour. *E. Afr. Wildl. J.*, 2:163-164. (Altruism).
- 1242 **LbrW** Wright, Allan. 1964. Mating habits of elephants. *Afr. Wild Life*, 18(4):301-302. (" . . . preliminary love play and a form of courtship, have little foundation in fact.").
- 1243 **+vaB** Young, J.Z. 1962. The life of vertebrates (2nd ed.). Oxford University Press, Oxford, 820 pp. (Chapter XXIX, pp. 706-721, is entitled "Elephants and related forms".).
- 1244 **BhtB** Zeuner, Frederick E. 1963. A history of domesticated animals. Harper & Row, New York, 560 pp.

JUNIOR LIBRARY, LITERATURE ON ELEPHANTS: 1960 - PRESENT

- 1245 **BgjW** Benson, Barbara. 1978. The elephant. Cambridge University Press, Cambridge, 16 pp.
Junior Library. A Pole Star book, illustrated by C. Teenwisse. Mostly on African elephant and its interactions with animal and plant species, which are all well labeled; comparison between African and Asian elephants is given (JS).
- 1246 **Bz B** Blake, Robert. 1974. 101 elephant jokes. Pyramid Books, New York, 96 pp. (Collection by a teenager--jokes for all ages).
- 1247 ***gvU** Brandenberg, A. 1977. Wild and woolly mammoths. Thomas Y. Crowell Company, New York, 33 pp.
Junior Library. An easy-to-read account of the woolly mammoth, with unusual drawings, for young children (E/SSL).
- 1248 **BgdC** Buchenholz, Bruce. 1974. Doctor in the zoo. Viking Press, New York, 191 pp.
Junior Library. Photographs, for upper elementary (grade school) students. Section on arrival of baby elephants for zoo (MPB).
- 1249 **LgbW** Conklin, G. 1972. Elephants of Africa. Holiday House, New York, 34 pp.
Junior Library. Illustrated, accurate young children's story about the first twelve years in an African elephant's life (SSL).
- 1250 **+gvB** Holbrook, John. 1977. A closer look at elephants. Franklin Watts, New York, 30 pp.
Junior Library. Illustrated by Peter Barrett. Written for upper elementary (grade school) students, this book gives an overview of the evolution of elephants, their anatomy and behavior, their growth and their relationships to man (SSL).
- 1251 **Bz B** Jackson, K., and B. Jackson. 1979. The saggy baggy elephant. Golden Press, Western Publishing Company, Inc., Racine, 22 pp.
Junior Library. Color illustrations by Tenggren. To be read by parents who may point out that the macaw parrot which lives in South America and the African elephant do not naturally meet. Similarly, the tiger and the African elephant live on different continents. There are two kinds of elephants: African and Asian (JS).
- 1252 **Ez W** Kelen, Betty. 1967. Gautama Buddha, in life and legend. Lothrop, Lee & Shepard Co., New York, 192 pp.
Junior Library. Illustrated with photographs, for upper elementary (grade school) students. Section on conception of Buddha in a myth of a white elephant (MB).
- 1253 **EzbB** Lindquist, Willis. 1961. Burma boy. Le'dory Publishing House Ltd., Tel-Aviv, 80 pp. (In Hebrew, the English edition was published in 1952 by McGraw-Hill Company, Inc., New York.).
Junior Library. Fiction. Illustrated by Nicolas Mordvinoff. A story of an unique bond between a male Asian elephant named "Majda Koom" and a boy called Haji. My interest in elephants was initiated by reading this book in 1968. See also the following Reference (JS).

- 1254 **Ezbb** Lindquist, Willis. 1976. Haji of the elephants. McGraw-Hill Book Company, Inc., New York, 147 pp.
Junior Library. Illustrated by Don Miller, sequel to Burma Boy by Lindquist, see preceding Reference (SB).
- 1255 ***vwU** May, J. 1974. How the animals came to North America. Holiday House, New York, 37 pp.
Junior Library. Illustrated by L.F. Bjorklund, for upper elementary (grade school) students. Describes animal migration to North America and their subsequent evolution, including mastodons and mammoths (E/SSL).
- 1256 **EtbC** Mayer, Fred, and Angelika Bucher-Waldis. 1972. My elephant Sahib. Hill and Wang, New York, 34 pp.
Junior Library. Translated to English by L.K. Conrad. For early readers as well as older people. Twenty-nine black and white photographs, twelve of which depict Carlito and Sahib together. Carlito is a three year old boy; Sahib is a 30-year-old, 5 ton bull Asian elephant with large tusks. Good photography and narration (JS).
- 1257 **Egbc** Paige, David. 1978. Behind the scenes at the zoo. Albert Whitman & Company, Chicago, 48 pp.
Junior Library. Photographs by Roger Ruhlin, for upper elementary (grade school) students. Interesting accounts of obtaining animals for zoos, planning and building zoos, and working in zoos. Chapter One concerns the director of the Lincoln Park Zoo's 24-hour flight with a 500- pound baby Asian elephant (SSL).
- 1258 **Lf W** Porter, Wesley. 1979. The hare, the elephant, and the hippo. Franklin Watts, New York, 29 pp.
Junior Library. Illustrated by Joyce Behr, for young readers. In this African folklore a hare figures out a way to get the best of a big elephant and a huge hippo (E/MB).
- 1259 **Lg B** Ross, Judy. 1978. Tequila, the African elephant. D.C. Heath Canada Limited and Board of Management, Metropolitan Toronto Zoo, Toronto, 16 pp.
- 1260 **BtgC** Schick, Alice, and Sara Ann Friedman. 1978. Zoo Year. J.B. Lippincott Company, Philadelphia, 189 pp.
Junior Library. Illustrated by Joel Schick, for upper elementary (grade school) students. Chapter on elephant training and care. True-to-life stories describe the varied seasonal activities of the staff of a fictional city zoo (E/SSL).
- 1261 **BhgB** Sheldon, W.D. 1961. Elephants. Garrard Publishing Company, Champaign, Illinois, 65 pp.
Junior Science book. Well illustrated by M. Kalmenoff, for elementary (grade school) students. A story of elephants through the ages (E/SSL).
- 1262 **Lz W** Steig, William. 1971. Amos & Boris. Farrar, Straus and Giroux, New York, 30 pp.
Junior Library. Illustrated by the author, for young readers. Amos the mouse and Boris the whale were loyal friends because Boris had saved his life. Later, when Boris was washed ashore, Amos managed to recruit two elephants who pushed Boris back to the sea (SB).

- 1263 **Bg C** Shuttlesworth, Dorothy E. 1977. Zoos in the making. D.P. Dutton, New York, ix + 117 pp.
Junior Library. Illustrated with photographs. Section on elephants in zoos (AH).
- 1264 **LgjW** Simon, Noel. 1978. Elephants. J.M. Dent & Sons Ltd., London, 46 pp.
Junior Library. This young reader's book on the life style of elephants has been written by a distinguished conservationist and color illustrated by Terry Riley; it has received a special commendation from International Union for Conservation of Nature & Natural Resources (IUCN) (E/SSL).
- 1265 **+g B** Van Wormer, J. 1976. Elephants. E.P. Dutton & Co., Inc., New York, 58 pp.
Junior Library. For elementary (grade school) students. Text and black and white photographs introduce the characteristics and habitats of Asian and African elephants, concentrating on the latter (E/SSL).
- 1266 **BgnC** Weeks, Morris. 1970. Inside the zoo. Simon and Schuster, New York, 96 pp.
Junior Library. For elementary (grade school) students. Chapter on a special formula for a baby elephant (SD).
- 1267 **+g B** Wexo, John B. (ed.). 1980. Elephants. Wildlife Education, Ltd., San Diego, 18 pp.
Junior Library. For elementary school (grade school) ages. A Zoobook, with color photographs and art work, interlaced with interesting ideas. Certain anatomical and statistical information is misleading, however (JS).

NEWSLETTERS, HOUSE ORGANS, AND OTHER REPORTS ON ELEPHANTS AND RELATED SUBJECTS

1980-Present

- 1268 **BbrC** Alexander, Shana. 1980. For the love of elephants. Life, 3(3):79-92.
Personal accounts, background information and possible explanations for Morgan Berry's death ("...probably the world's foremost self-taught expert on elephants") on his 'Elephant Mountain' (JS).
- 1269 **LciW** Anonymous. 1980. Article on legislative activity regarding ivory. Ivory News, 2(1):1-2.
- 1270 **LciW** Anonymous. 1980. Article on the International Wildlife Resource Conservation Act of 1980. Ivory News, 1(4):1-4.
- 1271 **Bc B** Anonymous. 1980. Box score of species listings. Endangered Species Tech. Bull., 5(6):16.
- 1272 **Ed C** Anonymous. 1980. Cumbersome cast. Macomb Daily.
A photograph and caption about "Shirley", a 19-year-old Asian elephant of the Vargas Circus (at the Illinois Equine Hospital in Naperville, Illinois) with a cast on her broken leg (JS).
- 1273 **LcuW** Anonymous. 1980. Elephants in Uganda and Zambia near extinction: antipoaching squads have little effect. Information Report, Animal Welfare Institute, 29(2):4.

- 1274 **Ld C** Anonymous. October 23, 1980. Hobbled but alive. The Detroit News, p. 4A.
A photograph and caption about "Mandavu", a 12-year old African elephant, San Diego Animal Park, with a cast on her broken leg (JS).
- 1275 **Lc W** Anonymous. 1980. Hope for Uganda wildlife. Focus, World Wildlife Fund - U.S. Special Report, 2(2):5.
- 1276 **BciB** Anonymous. 1980. Two articles on federal legislation regarding ivory. Ivory News, 1(6):1-2.
- 1277 **BciB** Anonymous. 1980. Two articles pertinent to ivory. Ivory News, 1(3):1-2.
- 1278 **LuaW** Anonymous. May 9, 1980. Uganda's elephants face extermination by Poachers. Detroit Free Press, p. 14D.
- 1279 **EgwB** Anonymous, and R. Lair. 1980. Bodega Bay Institute's Asian Elephant Project. Trunkline, No. 1, 2 pp.
The institute's project is outlined, and Lair's short reports from India are included (JS).
- 1280 **UfaU** Anonymous, and Reidar Sognaes. May 4, 1980. Teeth of ivory and walrus tusks--but never wood! Detroit Free Press, p. 9D.
Uses for elephant ivory: George Washington (U.S. President, 1789-1797) had sets of false teeth made of ivory, walrus tusks, cows teeth, hippopotamus teeth and one of his own teeth. Contrary to common belief, none of them was of wood (JS).
- 1281 **Eg B** Beech, Keyes. January 1, 1980. Elephants are no joke in Thailand. The Miami Herald, p. 23-A.
- 1282 **EbzC** Burke, Norah. 1980. The elephant babysitter. Reader's Digest, April:128-131.
Fiction. Gajpati, an Asian elephant babysits an infant boy during the overnight absence of the parents. Gajpati guards him from the hungry hyenas (MPB).
- 1283 **BgfB** Eschebach, Julee. 1980. Elephant folklore. Typescript, 41 pp.
- 1284 **LkmW** Jensen, Holger. July 7, 1980. The great white darter. Newsweek, pp. 74-75.
Darting elephants in Sengwa Wildlife Research Area, Zimbabwe. Each collar device can send signals for three years. There are 35,000 elephants in Zimbabwe (SR).
- 1285 **+gaB** Lash, S. 1980. Elephants, elephants, and more elephants...RCCS, News of Roper City and Country School, 14(3):7.
Experiences with EARTHWATCH at the Mammoth Site, Hot Springs, South Dakota, and with the Elephant Interest Group at Wayne State University, Detroit, Michigan (JS).
- 1286 **LjhW** Marnham, Patrick. 1980. Ahmed and the gamekeepers (excerpt from Fantastic invasion: notes on contemporary Africa, to be published by Harcourt Brace Jovanovich, Inc.). Harper's, 260(1556):58-67.
- 1287 **Ly W** Minetree, Harry. 1980. The elephant was plastered but what about the sculptor? People, (April 14):84, 86. Photos by Marion Kaplan.
Account of making a plaster cast of a 'sleeping elephant' for lifesize bronze sculpture by Mikhail Simeonov (SSL).

- 1288 **Et C** Molter, Randolph. 1980. The taming of elephants. Romantso weekly magazine, Tuesday, March 11, 1980, Issue No. 1930, p. 18. Translated into English by Efstratios Efthyvoulidis. Procedures of taming young wild elephants as written in the book "Hastivitiarnava" and applied by Molter (EE). See Elephant, 1(4):188.
- 1289 **Eb C** Prance, Rachel. 1980. Preliminary observations on Asiatic elephants in captivity. Typescript, 26 pp.
- 1290 **Ep C** Schmeck, Harold M., Jr. May 13, 1980. With forceful aid of an elephant, hearing principle is affirmed. The New York Times. The ability of any species to hear is related to the distance between the animals' ears. In studies, a young elephant with the largest inter-ear distance tested had the lowest high-frequency sound cutoff level (SSL).
- 1291 **Bc B** Van Note, Craig (ed.). February 25, 1980. International wildlife Bill introduced in Senate. P. 1, in MONITOR Action Alert. Washington, D.C., 2 pp.
- 1292 **Bc B** Van Note, Craig (ed.). March 10, 1980. Cnafee introduces International Wildlife Bill. P. 1, in MONITOR Agenda, wasnington, D.C., 2pp.
- 1293 **Bc B** Van Note, C. (ed.). 1980. Senate threatens Elephant Protection Act. P. 1, in MONITOR Action Alert. Washington, D.C., 2 pp.
- 1294 **Lu W** Webster, B. 1980. African elephants slaughtered. The New York Times, June 10, 1980, p. 2C.

1975-1979

- 1295 **Eh C** Anonymous. April 25, 1976. Rhode Island votes to honor slain elephant. Detroit Free Press. Brief information on "Old Bet." See Elephant, 1(4):235-237.
- 1296 **Ly W** Anonymous. 1977. Epitaph on film. Time, December 12:60. A review of Peter Beard's photography exhibit, January 1977, in conjunction with the publication of his book, The end of the game (SSL). (See Reference No. 62 in Elephant Vol. 1, Number 2.).
- 1297 **Ed C** Anonymous. July 3, 1977. India's beloved elephant breaks leg, fights to live. The Detroit Free Press, p. 9C. A photograph and an article about "Sunderkali", a 32-year-old Asian elephant with a cast on her broken leg (JS).
- 1298 **Lc W** Anonymous. 1978. African elephant listed as threatened; special rules to allow some ivory imports. Endangered Species Tech. Bull., 3(6):1, 10-11.
- 1299 **BciB** Anonymous. 1979. Four articles pertinent to ivory. Ivory News, 1(2):1-6.
- 1300 **LucW** Anonymous. 1979. IUCN and WWF call for halt to mass killings of Uganda's wildlife. IUCN Bulletin, August/September 1979, p. 70.
- 1301 **LucW** Anonymous. 1979. Uganda bans hunting. Information Report, Animal Welfare Institute, 28(3):3.
- 1302 **Bz C** Anonymous. July 3, 1979. Extra pay slated for Philadelphia elephant handlers. The Nashville Banner, p. 35.
- 1303 **LpbW** Anonymous. October 1979. Drunken animals. Omni, p. 58. ("... Elephants occasionally eat the yellow, plum-sized fruit of the marula tree and then engage in noisy, drunken brawls. . .").

- 1304 **Eh C** Anonymous. October 8, 1979. Wheeler with pachyderms Baby and Chiquita: on the heels of Hannibal. Newsweek, p. 63.
- 1305 **BicB** Asia, B.S. et al. 1979. Testimony before The Committee on Merchant Marine and Fisheries, House of Representatives, Washington, D.C. on July 25-26, 1979.
- 1306 Choudhury, L. 1978. Report of elephant movement and depredation in Jalpaiguri Division, 1975. Mimeo Report, total number of pages unknown.
- 1307 **C** DeLeon, Valentine. No date. Elephants. Typescript, 4 pp.
- 1308 **t C** DeLeon, Valentine. 1979. Elephant training. Typescript, 22 pp.
- 1309 **Lm W** Douglas-Hamilton, Iain. 1977. Recent population estimates for the African elephant. P. 3, in Information Report, Animal Welfare Institute, 27(1):1-4.
- 1310 **Lc W** Douglas-Hamilton, Iain. 1977. South African elephants - pattern for the future? WWF/IUCN Elephant Survey and Conservation Programme, Newsletter No. 2:3-4.
- 1311 **LicW** Douglas-Hamilton, Iain. 1979. African elephant ivory trade study: final report. Typescript, viii + 101 pp.
- 1312 **LcmW** Douglas-Hamilton, Iain. December 1979. IUCN/WWF/NYSZ Elephant Survey and Conservation Programme: The African Elephant Action Plan. Typescript, ix + 174 pp.
- 1313 Gertenbach, W.P.D. 1975. Changes in grazing conditions of the Central District of the Kruger National Park (February 1971 - February 1975). Memorandum. National Parks Board of Trustees, Pretoria, 3 pp.
- 1314 **Bi B** Hallagan, John B. 1979. A brief examination of the American ivory trade. National Wildlife Federation. Typescript, 57 pp. Detailed report on American consumption of ivory, with recommendations for establishing a stable ivory trade, 7 tables and 10 statements and documents (SSL).
- 1315 **Lliw** Hallagan, John B. (ed.). 1979. Elephant mortality and ivory production. Ivory News, 1(2):2-5. Observations on the relationship between elephant mortality and ivory production for trade (SSL).
- 1316 **Bq C** Hess, Norman S. 1976. The care and management of elephants at the Philadelphia Zoo. America's First Zoo, Quarterly of the Philadelphia Zoo, June 1976:15-18.
- 1317 **Le W** Jachmann, Hugo. 1978. The ecology of the Kasungu elephant. IUCN elephant survey final scientific report. Typescript, 50 pp.
- 1318 **m W** Joubert, S.C.J., and U. de V. Pienaar. 1977. Aerial census for the Kruger National Park (29 August to 16 September 1977). Memorandum. National Parks Board of Trustees, Pretoria, 43 pp.
- 1319 ***h U** Lash, Sandra L. 1979. A modern breed of mammoth hunters. Typescript, 15 pp.
- 1320 **EztC** Laufer, Thomas. 1978. Bertha and Tina. Thomas Laufer, Ashland, Oregon, 25 pp. Photographs and text about Asian elephants are for junior readers and tourists (JS).
- 1321 Martin, C. 1975. The management of elephant populations by the Department of Game and Wildlife. Typescript, 9 pp.

- 1322 **Bc B** Murphy, John M. July 25, 1979. Opening statement at the Hearing on H.R. 4685 of the Committee on Merchant Marine and Fisheries, House of Representatives, Washington, D.C. 5 pp.
- 1323 **BicB** Murphy, John M. November 27, 1979. Elephant Protection Act of 1979 (H.R. 4685): Report 96-661, Part I. Committee on Merchant Marine and Fisheries, House of Representatives, Washington, D.C., 19 pp. Report consists of details on the bill, purposes of the legislation, legislative background, background and need for the legislation, cost of the legislation, and departmental costs (SSL).
- 1324 **Bc B** Murphy, John M. December 14, 1979. Elephant Protection Act of 1979 (H.R. 4685): Report No. 96-661, Parts I and II. Committee on Merchant Marine and Fisheries, House of Representatives, Washington, D.C., 32 pp. Part I contains the original bill introduced June 28, 1979; Part II is the final bill as passed by the House (SSL).
- 1325 **LicW** Parker, Ian S.C. July 25-26, 1979. Testimony presented to the Committee on Merchant Marine and Fisheries, House of Representatives, Washington, D.C., 7 pp.
- 1326 **EtbB** Robinson, Jeffrey. June 6, 1978. What to do when an elephant charges. The Christian Science Monitor, p. 25.
- 1327 **E** Shahi, S.P. 1978. Report of the Central Indian Task Force, Asian Elephant Group, SSC/IUCN. Typescript, number of pages unknown.
- 1328 **BicB** Stevens, Christine. 1979. World ivory trade threatens elephants. Information Report, Animal Welfare Institute, 28(4):1-2.
- 1329 **Lc W** Walker, Clive. September 1978. Report to the Survival Service Commission, IUCN and the Endangered Wildlife Trust on Kaokoland, South West African/Namibia. Endangered Wildlife Trust, South Africa. Typescript, 5 pp.

1970-1974

- 1330 **Lj W** Anonymous. 1970. Etosha National Game Park, South West Africa: a pamphlet of 8 columns.
- 1331 **Lm W** Anonymous. 1974. Expedition: South West Africa plus the Kalahari Gemsbok Park and Matusadona Game Reserve. Merriman & Finnerty Associates, city unknown, 12 pp.
- 1332 **C** DeLeon, Valentine. March 1972. Zoo elephants in general. II. Paper presented at the Zoo Keepers' Conference, Honolulu, Hawaii. Typescript, 4 pp.
- 1333 **Bz C** Ryan, Jack (ed.). 1970. Ringling Bros. and Barnum & Bailey Circus, 1970 Souvenir Program. Slocum House Publishers, New York, 82 pp.
- 1334 **LcmW** Tanzania National Parks. 1959-1970. Lake Manyara National Park monthly reports. Typescript, total number of pages unknown.

1965-1969

- 1335 **UmoC** Anonymous. 1968. Amount of blood in an elephant. Bevar (= Zoo, a publication of the Tel-Aviv Zoological Garden Society), Number 26-27:35. (In Hebrew. 150 liters in an adult male elephant).

- 1336 C DeLeon, Valentine. April 1969. Zoo elephants in general. I. Paper presented at the Zookeepers' Conference, Fresno, California. Typescript, 3 pp.
- 1337 Douglas-Hamilton, Iain. 1967. Report to Royal Society. Leverhulme Committee. Typescript, total number of pages unknown.
- 1338 Lm W Eltringham, S.K. 1967. An assessment of the variability of game counts made in the Queen Elizabeth National Park, Uganda. Nuffield Unit of Tropical Animal Ecology, unpublished M.S., total number of pages unknown.
- 1339 Lm W Pienaar, U. de V. 1968. An aerial census of elephants and other big game (excluding buffalo) in the whole of the Kruger National Park during the 5th to the 21st of September, 1968. Internal report to the National Parks Board of Trustees. Mimeograph, 29 pp.
- 1340 Bz C Pine, Ronald (ed.). 1969. Ringling Bros. and Barnum & Bailey Circus, 1969 Souvenir Program. The Blaine-Thompson Co., 46 pp.
- 1341 Bz C Roskin, Sheldon, and Jack Ryan (eds.). 1968. Ringling Bros. and Barnum & Bailey Circus, 1968 Souvenir Program. Slocum House Publishers, New York, 46 pp.

1960-1964

- 1342 Er C Alexander, Shana. May 11, 1962. Belle's baby - 225 pounds and all elephant. Life, 52(19):104-120.
The birth of "Packy" and the associated happenings at Portland Zoo (Washington Park Zoo), Portland, Oregon, are described. Mother "Belle", father "Thonglaw", both owned by the late H. Morgan Berry. "An elephant's normal body temperature is about 98° F, and Maberry (Matthew B. Mayberry, the presiding veterinarian) had been warned to watch for a sudden drop of up to three degrees which would signal that birth was only 12 to 24 hours off." (JS).
- 1343 Lg W Buss, Irvan O., and A.C. Brooks. 1961. Observations on numbers, mortality and reproduction of elephants in Uganda. ECTA/IUCN Symposium on Conservation and Natural Resources in Modern African States, Arusha, Tanganyika. Typescript, 7 pp.
- 1344 Lb W Buss, Irvan O., and L.D. Wing. 1963. Behavior of Loxodonta africana. Mimeographed interim report on National Science Foundation grant GB-53, 64 pp.
- 1345 L W Laws, Richard M. 1964. The Nuffield unit of tropical animal ecology. Progress report - June 1962 to May 1963. Pp. 25-30, in Report of the Uganda National Parks for the year ended June 1963, total number of pages unknown.
- 1346 L W Morgan-Davies, A.M. 1959-1963. Lake Manyara National Park monthly reports. Tanzania National Parks, Arusha (typed), total number of pages unknown.

Note: Actual number of references is 1344 since reference numbers 560 and 965 were removed.

NOTE: Complete names of most of the abbreviations listed in the above references and previous issues of Elephant, can be found in any of the following sources:

- Chemical Abstracts Service Source Index (CASSI)
- Serial Sources for the BIOSIS (BioScience Information Services) Data Base, provided with Biological Abstracts.
- World List of Scientific Periodicals.

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