

5-2-1982

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Recommended Citation

Shoshani, J. (Ed.). (1982). Elephant Bibliography. *Elephant*, 2(1), 196-229. Doi: 10.22237/elephant/1521731954

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ELEPHANT BIBLIOGRAPHY

With the publication of this issue we will have references for the past 40 years. We are starting in this volume to group the references in blocks of ten years for quick and handy reference. The references listed below were retrieved from different sources: Recent Literature of Mammalogy (published by the American Society of Mammalogists), Computer Bibliographic Search Services (CBSS, the same used in previous issues -- the latest search was done on March 18, 1982), books in our office, EIG 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 this issue is supplied for readers' publications.) Please list them in the bibliographic form used below. Readers may help by collecting and annotating references; see examples of annotation in the Bibliography and in Volume 1, Number 4, page 260.

NOTE: Complete names of most of the abbreviations listed in these 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.

Following are the initials and corresponding names of persons who have contributed annotations to this set of references. All of these individuals are members of the Bibliography Staff (see complete list on Editorial Board and Reviewers page of this issue.)

JKB = Judith K. Berg	JLP = Jules L. Pierce
MAB = Marlene A. Bulgarelli	JS = Jeheskel Shoshani
MPB = M. Pamela Bedore	KLS = Karen L. Spodarek
EE = Efstratios Efthyvoulidis	PJS = Peter J. Sujdak
JGE = Joseph G. Engelhard	LAW = Linda A. Wyllie
AH = Anthony Helinski	FZ = Francis Zoch
SSL = Sandra S. Lash	PZ = Patricia Zoch

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

A system of categorizing references to assist readers in locating material was added with the previous issue and has been continued here. For more detailed information, see pages 259-261 in Volume 1, Number 4. Code letters used in categorizing will appear in four columns in the lefthand margin to the right of the reference number of each item as given below.

Categories listed in the 1st column:

- | | |
|------------------------------------------------------|-----------------------------------------|
| E = <u>Elephas</u> | * = extinct/fossil proboscideans |
| L = <u>Loxodonta</u> | + = extinct and living taxa |
| B = Both, <u>Elephas</u> and <u>Loxodonta</u> | U = unknown or not given |

Categories listed in the 2nd and 3rd columns:

- | | |
|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| a - anatomy (including histology, cytology) | o - biochemistry (including haematology and immunology) |
| b - behavior | p - physiology and/or function |
| c - conservation and management | q - management in captivity |
| d - diseases and injuries | r - reproduction (including musth) |
| e - ecology | s - symbiosis (including commensalism, mutualism, parasitism) |
| f - folklore | t - training and taming |
| g - general | u - hunting including poaching |
| h - history (including archaeology) | v - evolution (including classification, phylogeny, systematics, taxonomy, dating methods) |
| i - ivory and tusks | w - distribution and habitat |
| j - ecology and behavior | x - genetics |
| k - culling, controlling, cropping, and capturing methods | y - art |
| l - longevity (including mortality) | z - miscellaneous (including fiction) |
| m - measurements (physical and censusing) | |
| n - nutrition and/or growth | |

Categories listed in the 4th column:

- | | |
|---------------------------------|--------------------------|
| C = Captive and domestic | B = Both statuses |
| W = Wild | U = Unknown |

RECENT LITERATURE ON ELEPHANTS: 1980-PRESENT

- 1347 **Bg C** Adams, Jack. 1981. Wild elephants in captivity. Center for the Study of Elephants, Carson (California), 201 pp.
A non-technical, anecdotal paperback. Throughout the book no references are given for particular information; the reader is, therefore, unable to consult the sources for the original data. Index and photo credits are also lacking, not to mention the errors and misleading statements, especially when the author discusses anatomy, physiology, and taxonomy of elephants. The quality of the photographs is poor. Aside from the information on elephant training, some of which may be new in print, the rest of the material in the book may be found in other sources (JS).
- 1348 ***hwU** Agenbroad, Larry D. 1980. Quaternary mastodon, mammoth and men in the New World. *Can J. Anthropol.*, 1(1):99-101.
- 1349 **LneW** Ajayi, S.S., T.A. Afolayan, and K.R.N. Milligan. 1981. A survey of wildlife in Kwiambana Game Reserve, Nigeria. *Afr. J. Ecol.*, 19(3):295-298.
- 1350 **Ln W** Alexandre, D.Y. 1980. Le regime des elephants du centre de la Cote-d'Ivoire. *Rev. Ecol. (Terre Vie)*, 34(4):655-657.
- 1351 **EbrW** Ali, S. Mohammad. 1980. Some aspects of behaviour and breeding biology of the Indian wild elephant. *Tigerpaper*, 7(4):9.
- 1352 **Ep C** Ananthasubramaniam, C.R. 1980. A note on the nutritional requirements of the Asian elephant (*Elephas maximus indicus*). *Elephant Suppl.*, 1:72-73.
- 1353 **Lj W** Andere, D.K. 1981. Wildebeest *Connochaetes taurinus* and its food supply in Amboseli Basin Kenya. *Afr. J. Ecol.*, 19(3):239-250.
- 1354 **Lz W** Anonymous. 1980. Books and films about Tsavo. *Swara*, 3(4):17.
- 1355 **Ed C** Anonymous. 1980. Competent treatment of unusual patient earns good press for hospital - and profession. *J. Amer. Vet. Med. Assoc.*, 177(9):762-763.
- 1356 **BciB** Anonymous. 1980. Japan joins CITES. *Afr. Wildl.*, 34(6):33.
- 1357 **Le W** Anonymous. 1980. KwaZulu: the downward spiral. *Afr. Wildl.*, 34(5):5-6.
- 1358 **Ec W** Anonymous. 1980. No room for Sumatra's elephants? *Conservation Indonesia*, 4(5):1.
- 1359 **Lr W** Anonymous. 1980. Photograph of an unborn elephant foetus from Tsavo National Park twenty years ago. *Africana*, 7(3):7.
- 1360 **Ec B** Anonymous. 1980. Report on International Consultation on Wildlife Resources for Rural Development, 7-11 July 1980, Hyderabad, India. *Tigerpaper Special Issue VII (3):iii, 3, 6 and 22.* Wild elephants are mentioned in reports from the People's Republic of China and Thailand (MAB).
- 1361 **LcrW** Anonymous. 1981. Annual Projects Report: Amboseli elephant research project. *Wildlife News*, 16(3):9.
Report on studies in Amboseli and the progress of twins born 1 year earlier (SSL).
- 1362 **BciB** Anonymous. 1981. Belgium ratifies CITES. *Swara*, 4(4):41.
A significant link in the flow of ivory to the Far East has been broken. The Netherlands and Luxembourg are expected to ratify also (KLS).

- 1363 **Lc W** Anonymous. 1981. Conservation and Knysna elephants. *Afr. Wildl.*, 35(2):3.
- 1364 **LiuW** Anonymous. 1981. Editorial on elephant ivory sales. *Swara*, 4(2):7.
- 1365 **Ec W** Anonymous. 1981. How to live with the elephants. *Oryx*, 16(2):119-120.
- 1366 **Lu W** Anonymous. 1981. International notes: Poaching war. *Afr. Wildl.*, 35(3):17.
- 1367 **Lu W** Anonymous. 1981. Senegal's disappearing elephants. *Oryx*, 16(2):118-119.
- 1368 **Ec W** Anonymous. 1981. Southern Sumatran reserves: between hope and fear. *Conservation Indonesia*, 5(2):6-8.
Status of a herd of elephants (40) in Way Kambas illustrates the precarious situation of wildlife in Sumatran reserves (SSL).
- 1369 **LcmW** Anonymous. 1981. Wankie sends S.O.S. for white rhino. *Africana*, 8(3):36.
The meeting of SSC/IUCN/WWF also reviewed the status of the African elephant, concluding that: 600,000 elephants live in surveyed areas and 500,000 to 1,000,000 in other areas (SSL).
- 1370 **Ly U** Anonymous. 1981. Wildlife in bronze: Kenyan's ambition is realized. *Africana*, 8(1):24-25. (Wildlife bronzes of elephants and other African animals.)
- 1371 **Lm W** Anonymous. 1982. Elephants and rhinos in Africa. *Oryx*, 16(3):274.
Results from a survey as reported in elephant and rhino meetings (IUCN/WWF/SSC) in Zimbabwe, August, 1981 (PJS).
- 1372 ***v U** Azzaroli, A. 1981. About pigmy mammoths of the Northern Channel Islands and other island faunas. *Quat. Res.*, 16(3):423-425.
- 1373 **Ly W** Bailey, Peter. 1981. Samburu: A Bas-Relief Picture. *Swara*, 4(5):27.
- 1374 **LjwW** Barnes, R.F.W. 1980. The decline of the baobab tree in Ruaha National Park, Tanzania. *Afr. J. Ecol.*, 18(4):243-252.
"In 1 year elephants killed 3% of the baobab trees...Assuming no further regeneration and no change in elephant density, the baobab population may be eliminated in 30-170 years, depending upon the mortality pattern caused by elephants." (JKB).
- 1375 ***v U** Beden, M. 1980. *Elephas recki*, Proboscidea, Elephantidae, evolution during the Plio-Pleistocene in East Africa. *Geobios.* (Lyon), 13(6):891-902. (In French)
- 1376 ***v U** Beden, Michael. 1980. Le gisement Pleistocene superieur de la Grotte de Jaurensa Nespouls, Correze, France: le mammoth. *Nouv. Arch. Mus. Hist. Nat. Lyon*, 18:103-109 + pl. (English summary).
- 1377 **+gvU** Behrensmeyer, Anna K., and Andrew P. Hill (eds.). 1980. Fossils in the making. The University of Chicago Press, Chicago, xii + 338 pp.
- 1378 **Lb C** Berg, Judith K. 1981. Vocalizations and associated behaviors of the African elephant (*Loxodonta africana*) in captivity. Unpubl. Master's thesis, California State University, Dominguez Hills, Carson, 127 pp.

- 1379 **LmgW** Best, Anthony A. (ed.). 1981. Rowland Ward's records of big game. 18th edition (Africa). Rowland Ward (Publications) Ltd., Newbridge Mill (England), 560 pp. (Elephants, pp. 452-461). Record shoulder height: 14 feet 6 inches (441.94 cm); Record of total length from trunk to tail: 34 feet 8 inches; Record of forefoot circumference: 5 feet 11 inches; Record weight of a single tusk: 226 lbs (102.30 kg); Record of length on outside curve: 11 feet 5 inches; Record of tusk circumference: 27 5/8 inches (JGE).
- 1380 **Eq C** Bongso, T.A. 1980. Sedation of the Asian elephant with xylazine. J. Amer. Vet. Med. Assoc., 177(9):783.
- 1381 ***v U** Borselli, V., C. De Guili, G. Ficarelli, and M. Mazzini. 1980 (1981). Casa frata an Upper Villa-franchian fossiliferous locality near Terranuova bracciolini arezzo in the Upper Valdarno, Tuscany, Italy. Boll. Soc. Paleontol. Ital., 19(2):254-258. (In Italian).
- 1382 **LckW** Buss, Irven O. 1980. Management suggestions for the African elephant. Elephant Suppl., 1:19-35.
- 1383 **LchW** Cameron, Sara. 1981. Caught in the crossfire: effect of wars on Africa's wildlife. Africana, 8(1):17-18.
- 1384 ***avU** Chang, Xing-yong. 1980. Fossil mammals from the early Pleistocene of Yongren, Yunnan. Vert. Pal. Asiatica, 18(1):45-51. (In Chinese, English summary, sp. nov. Gomphotherium yongrensis.)
- 1385 **EcmW** Choudhary, Uma, and B.N. Choudhary. 1981. Census in Dalma Sanctuary. Tigerpaper, 8(4):4.
- 1386 ***w U** Churcher, C.S. 1980. Did the North American mammoth migrate? Can. J. Anthropol., 1(1):103-105.
- 1387 **Bd C** Clark, Harold W., Daniel C. Laughlin, Jack S. Bailey, and Thomas McP. Brown. 1980. Mycoplasma species and arthritis in captive elephants. J. Zoo. An. Med., 11:3-15.
- 1388 **Bg C** Clutton-Brock, Juliet. 1981. Domesticated animals from early times. University of Texas Press, Austin, 208 pp. (Chapter 11 proboscideans, pp. 113-120).
- 1389 **LkcW** Cobb, Steve. 1982. Focus: Policies for killing wildlife. Wildlife News, 17(1):11-13.
Report on the International Fund for Animal Welfare meeting in October, 1981, where the major topic discussed was: overpopulation vs. natural fluctuation in wildlife management. The author states a case against culling and sustained yield cropping (SSL). (See also Reference No.'s 1480 and 1482 by Myers.)
- 1390 **LmcW** Coe, Malcolm. 1982. The bigger they are ... Oryx, 16(3):224-228.
- 1391 **EimW** Constable, J.D. 1982. Visit to Vietnam. Oryx, 16(3):249-254.
- 1392 **LheW** Croeser, Peter. 1981. The Wildlife Society and the Knysna elephants. The Naturalist, 25(1):8-9.
- 1393 **Bg B** Crump, Donald J. (ed.). 1981. Book of Mammals. 2 volumes. National Geographic Society, Washington, D.C., 608 pp. (Elephants, pp. 190-197).
- 1394 **Ew W** Daniel, J.C. 1980. The status of the Asian elephant in India. Elephant, 1(4):16-28.

- 1395 **EgwW** Daniel, J.C. (ed.). 1980. The status of the Asian elephant in the Indian sub-continent. IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1396 ***v U** David, A.I. 1980. Malayeshty Moldavian-SSR USSR a site of early Quaternary fauna. Izv. Akad. Nauk. Mold. SSR Ser. Biol. Khim. Nauk., 3:55-60. (In Russian).
- 1397 **Lc W** Decter, June. 1981. Kidepo escapes the carnage. *Africana*, 8(1):19-20. (See Reference No. 1418. Garrett, Wilbur. 1981, for sequel.)
- 1398 **v** de Jong, W.W. 1980. Use of eye lens alpha crystallin sequences in mammalian phylogeny. P. 119, in *The University of British Columbia. Second International Congress of Systematic and Evolutionary Biology, Vancouver, B.C., Canada, July 17-24. Univ. of Brit. Columbia: Vancouver, B.C., Canada, i + 441 pp.*
- 1399 **ov** de Jong, W.W., A. Zweers, and M. Goodman. 1981. Relationship of aardvark *Orycteropus afer* to elephants, hyraxes, and sea cows from alpha-crystallin sequences. *Nature (Lond.)*, 292(5823):538-540.
- 1400 **Ly W** de Seynes, Raymond (photographer). 1980. Masques "Elephant" Igbo, Nigeria. Displayed from June 18 to July 5 at the Helene Kamer Gallery. 9 Quai Malaavais, Paris, 3 pages of text and 20 plates.
- 1401 ***h U** Dodson, P., A.K. Behrensmeyer, R.T. Bakker, and J.S. McIntosh. 1980. Taphonomy and paleo-ecology of the dinosaur beds of the Jurassic Morrison Formation. *Paleobiology*, 6(2):208-232.
- 1402 **Lc W** Dosso, H., J.L. Guillaumet, and M. Hadley. 1981. The Tai Ivory Coast Project land use problems in a tropical rain forest. *Ambio.*, 10(2-3):120-125.
- 1403 **LiwW** Douglas-Hamilton, Iain. 1980. African elephant ivory trade study: final report (excerpts). *Elephant*, 1(4):69-99.
- 1404 **LmrW** Douglas-Hamilton, Oria. 1980. "Elephants dying faster than they reproduce." *Africana*, 7(3):27.
- 1405 **LmwW** Edroma, Eric L. 1981. The number and distribution of elephants in Kidepo Valley National Park, Uganda. *Afr. J. Ecol.*, 19(3):299-302.
- 1406 **Le W** Edroma, Eric L. 1981. The role of grazing in maintaining high species composition in *Imperata cylindrica* grassland in Rwenzori National Park, Uganda. *Afr. J. Ecol.*, 19(3):215-224.
- 1407 **Ej W** Eisenberg, John F. 1980. Ecology and behavior of the Asian elephant. *Elephant Suppl.*, 1:36-56.
- 1408 **+gbB** Eisenberg, John F. 1981. The mammalian radiations: an analysis of trends in evolution, adaptation, and behavior. The University of Chicago Press, Chicago, 610 pp. (Proboscidea pp. 181-187). On the back cover - "This work is a marvelous synthesis. I do not believe that there has ever been anything like it in scope and scholarly rigor. It brings together an enormous literature not only from zoology but from the multitudes of parochial zoological and wildlife journals. As a compendium of information on mammalian evolution and behavior it is unrivaled." Peter Marler, Rockefeller University. See also a review by B. Cox and M. Stoddart in *Nature*, 296(5859):783.

- 1409 **Ls W** Eloff, A.K., and W. Van Hoven. 1980. Intestinal protozoa of the African elephant Loxodonta africana. S. Afr. J. Zool., 15(2):83-90.
- 1410 **LmeW** Estes, R.D. and R. Small. 1981. The large herbivore populations of Ngorongoro crater. Afr. J. Ecol., 19(1 + 2):175-185.
- 1411 **EaqC** Fagan, David A. 1981. Extraction of elephant's tooth requires 4-hour procedure. Norden News, 56(3):36-37.
- 1412 **Lm W** Fairall, N. 1980. Growth and age determination in the hyrax, Procavia capensis. S. Afr. J. Zool., 15(1):16-21.
- 1413 **LehW** Feely, J.M. 1980. Did Iron Age man have a role in the history of Zululand wilderness landscapes. S. Afr. J. Sci., 76(4):150-152.
- 1414 **Lu W** Finaughty, William. 1980. The recollections of William Finaughty elephant hunter, 1864-1875. African Hunting Reprint Series, volume 3. Books of Zimbabwe, Bulawayo, 244 pp.
- 1415 **LihW** Foran, W. Robert. 1981. The elephant hunters of the Lado. AmWell Press, Clinton (New Jersey), 312 pp.
- 1416 **Bq C** Fowler, Murray E. 1980. Hoof, claw, and nail problems in nondomestic animals. J. Amer. Vet. Med. Assoc., 177(9):885-893.
- 1417 **+g B** Freeman, Dan. 1981. Elephants, the vanishing giants. G.P. Putnam's Sons, New York, 192 pp.
Aspects of elephant biology, natural history and evolution are well covered. This book may be compared to that of Carrington's 1958. See Reference No. 1663 (JS).
- 1418 **LucW** Garrett, Wilbur. 1981. ...but even Kidepo did not escape in the end. Africana, 8(1):20. (See Reference No. 1397.)
- 1419 ***v U** Gaziry, A. Wahid. 1980. Weitere Choerodonten (Mastodonten, Proboscidea, Mammalia) aus dem Jungtertiar Anatoliens, Mainzer Geowiss. Mitt., 9:117-120.
- 1420 ***h U** Graham, Russell W., C. Vance Haynes, Donald L. Johnson, and Marvin Kay. 1981. Kimmswick: a Clovis-Mastodon association in Eastern Missouri. Science, 213:1115-1117.
Mastodon habitat may be more varied than previously thought (JS).
- 1421 **LjsW** Grobler, J.H. 1980. Host selection and species preference of the red-billed oxpecker Buphagus erythrorhynchus in the Kruger National Park. Koedoe, 23:89-97.
Elephants were considered non-hosts except for one fortuitous record of an oxpecker on an elephant in Zambia (JS).
- 1422 **Le W** Guy, P.R. 1981. Changes in the biomass and productivity of woodlands in the Sengwa Wildlife Research Area, Zimbabwe. J. Appl. Ecol., 18(2):507-520.
- 1423 **Bq C** Haight, Jay, Roger Henneous, and Douglas Groves. 1981. Specialized tools for elephant foot care. Pp. 71-73, in Recent developments in research and husbandry at the Washington Park Zoo (Jill Mellen and Ann Littlewood, eds.). Washington Park Zoo, Portland (Oregon), 92 pp.
- 1424 **LgcW** Hallagan, John B. 1981. Elephants and war in Zimbabwe. Oryx, 16(2):161-164.
- 1425 **LcmW** Hall-Martin, Anthony. 1981. Addo - the first half-century. Afr. Wildl., 35(4):24-26.
- 1426 **LimW** Hall-Martin, Anthony. 1981. Kruger's big tuskers. Afr. Wildl., 35(1):6-9 and front cover.

- 1427 **Lj W** Hall-Martin, Anthony. 1981. Pienk olifante (Rainbow elephants)? *Custos*, 10(8):24-25, 27-29.
Describing the variations in colors of Addo elephants (grey, black, brown, and white) at different seasons of the year due to wallowing (JGE).
- 1428 **LopW** Hattingh, J., V. De Vos, L. Bomzon, E. Marcus, C. Jooste, and S. Chertkow. 1980. Comparative physiology of colloid osmotic pressure. *Comp. Biochem. Physiol. A. Comp. Physiol.*, 67(1):203-206.
- 1429 ***uzU** Hay, Richard L., and Mary D. Leakey. 1982. The fossil footprints of Laetoli. *Sci. Amer.*, 246(2):50-57 and 170.
The oldest hominid footprints yet discovered were found while a group of archeologists were having an elephant dung throwing fight (SSL).
- 1430 **a** Hooijer, D.A. 1980. Remarks on the dentition and tooth replacement in elephants. *Neth. J. Zool.*, 30(3):510-515.
- 1431 **Lh W** Imperato, Pascal J. 1981. Dr. Arthur Donaldson Smith: Pioneer desert traveller. *Swara*, 4(5):12-15.
Account of an historical expedition to Lake Turkana and south through Kenya by river in 1893-1895 (MAB).
- 1432 **Ee W** Ishwaran, N. 1981. Comparative study of Asiatic elephant Elephas maximus populations in Gal Oya, Sri Lanka. *Biol. Conserv.*, 21(4):303-313.
- 1433 **LemW** Jachmann, Hugo. 1980. Population dynamics of the elephants in the Kasungu National Park, Malawi. *Neth. J. Ecol.*, 30(4):622-634.
- 1434 **LghC** James, Theodore, Jr. 1982. Jumbo: peregrinations of a ponderous pachyderm. *Smithsonian*, 13(2):134-136, 138, 140, 142, 144-146, 148, 150, 152.
An account of the purchase of "Jumbo" the African elephant by the American showman Phineas Taylor Barnum from the London Zoo in 1882. On Tuesday, September 15, 1885, Jumbo died when struck by a locomotive in St. Thomas, Ontario, Canada. (A photograph of Jumbo, dead, at Ontario track appears on p. 150.) Jumbo's hide was mounted and subsequently destroyed by fire at Tufts University (Medford, Massachusetts, USA). His skeleton is in storage at the American Museum of Natural History, New York (JS).
- 1435 ***e W** Janzen, Daniel, H., and Paul S. Martin. 1982. Neotropical anachronisms: the fruits the Gomphotheres ate. *Science*, 215(4528):19-27.
- 1436 **+bhB** Johnson, Donald L. 1980. Problems in the land vertebrate zoogeography of certain islands and the swimming powers of elephants. *J. Biogeogr.*, 7(4):383-398.
Living elephants have been found to swim up to 48 km and at speeds up to 2.7 km/h; their chief motives seem to be to reach visible islands and to obtain pungent food (SSL).
- 1437 ***v U** Johnson, Donald L. 1981. More comments on the Northern Channel Islands mammoths. *Quat. Res.*, 15(1):105-106.
- 1438 ***h U** Johnson, Donald L., P. Kawano, and E. Ekker. 1980. Clovis strategies of hunting mammoth (Mammuthus colombi). *Can. J. Anthropol.*, 1(1):107-114.

- 1439 **La W** Jones, R.C. 1980. Luminal composition and maturation of spermatozoa in the genital ducts of the African elephant (Loxodonta africana). *J. Reprod. Fert.*, 60(1):87-93.
- 1440 **La C** Jones, R.C., and M.F. Brosnan. 1981. Studies of the deferent ducts from the testis of the African elephant, Loxodonta africana. I. Structural differentiation. *J. Anat.*, 132(3):371-386.
- 1441 **EgcW** Joseph, S. John. 1980. The Asiatic elephants in Nilgiris District: status survey. Pp. 21-26, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1442 **Ew W** Khan, Mohammad Ali Reza. 1980. On the distribution and population status of the Asian elephant in Bangladesh. Pp. 63-72, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1443 **oa** Kodama, H., T. Koyama, M. Takasaka, S. Honjo, T. Komatsu, K. Yoshimura, and M. Machida. 1981. Two cases of natural infection of Angiostrongylus-cantonensis in cynomolgus monkeys Macaca fascicularis. *Exp. Anim.* (Tokyo), 30(3):251-262. (In Japanese).
- 1444 **Lg W** Koen, Julius H. 1980. Knysna elephant research. *The Eastern Cape Naturalist*, 69:20. (Discussion of the research program).
- 1445 **Lg W** Koen, Julius H. 1980. The Knysna elephants. *The Eastern Cape Naturalist*, 70:17. (Report on research progress.)
- 1446 ***o U** Kreps, E.M., E.V. Chirkovskaya, L.F. Pomazanskaya, N.F. Avrova, M.V. Levitin, and M.A. Chebotareva. 1980. Investigation of the brain lipids of the mammoth Elephas primigenius which lived more than 40,000 years ago. *J. Evol. Biochem. Physiol.*, 15(3):194-203.
- 1447 ***o U** Kreps, E.M., N.F. Avrova, M.A. Chebotareva, E.V. Chirkovskaya, M.V. Levitina, and L.F. Pomanzanskaya. 1981. Brain lipids in fossilized mammoths, Mammuthus primigenius. *Comp. Biochem. Physiol.*, 68B(1):135-140.
- 1448 **EweW** Krishnamurthy, V. 1980. A report on the survey of elephants in Tamilnadu. Pp. 27-30, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1449 ***a U** Kubiak, Henryk. 1980. The skulls of Mammuthus primigenius (Blumenbach) from Debica and Bzianka near Rzeszow, South Poland. *Folia Quat.*, No. 51:31-45.
- 1450 ***a U** Kubiak, Henryk. 1980. The hyoid bone in the mammoth Mammuthus primigenius (Blumenbach). *Folia Quat.*, No. 51:47-56.
- 1451 ***g U** Kurten, Bjorn, and Elaine Anderson. 1980. Pleistocene mammals of North America. Columbia University Press, New York, 442 pp. (Proboscidea, pp. 343-354. A review by Annalisa Berta in *Bioscience*, 31 (2):171-172).
- 1452 **EcwW** Lahiri Choudhury, D.K. 1980. An interim report on the status and distribution of elephants (Elephas maximus) in North-East India (August 1980). Pp. 43-58, in The Status of the Asian Elephant in the Indian Sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.

- 1453 **La C** Lang, E.M. 1980. Observations on growth and molar change in the African elephant. *Afr. J. Ecol.*, 18(2 & 3):217-234.
- 1454 **Bi W** Lash, Sandra S. (compiler). 1980. Ban-the-ivory campaign II. *Elephant*, 1(4):143-157.
- 1455 ***oaU** Levitina, M.V. 1980. Long chain base composition of cerebrosides and sulfo-cerebrosides of the vertebrate brain. *Zh. Evol. Biokhim. Fiziol.*, 16(4):342-345. (In Russian).
- 1456 ***ovU** Lowenstein, Jerold M. 1981. Immunological reactions from fossil material. Meeting on the emergence of man, March 12-13, 1980. *Phil. Tran. R. Soc. Lond. B. Biol. Sci.*, 292(1057):143-150.
- 1457 ***ovU** Lowenstein, Jerold M., Vincent M. Sarich, and Barry J. Richardson. 1981. Albumin systematics of the extinct mammoth and Tasmanian Wolf. *Nature*, 291(5814):409-411.
- 1458 **Ld C** McGavin, M.D., E.C. Schroeder, R.D. Walker, and M.D. McCracken. 1981. Fatal aspiration pneumonia in an African elephant. *J. Amer. Vet. Med. Assoc.*, 179(11):1249-1250. (The elephant's name was Hazel or Sapphire.)
- 1459 **Ec W** McNeely, Jeffrey A. 1980. The IUCN/WWF Indonesia Programme in review: a farewell editorial. Project 1023/1515 - Sumatra tiger/elephant. *Conservation Indonesia*, 4(3-4);19.
- 1460 **EcwW** McNeely, Jeffrey A., and M.K. Sinha. 1981. Protected areas for Asian elephants. *Parks*, 6(1):4-7.
- 1461 ***v U** Madden, Cary T. 1981. Origin(s) of mammoths from Northern Channel Islands, California. *Quat. Res.*, 15(1):101-104.
- 1462 **oi** Maeda, H., and E. Fukada. 1981. Electro-mechanical properties of some bio-polymers. 4th International Congress of Biorheology, Tokoyo, Japan, July 27-Aug. 1, 1981. *Biorheology*, 18(1):142.
- 1463 **Ed C** Malecki, G., and E. Zuchowska. 1980 (Recorded 1981). Pox-like disease in Elephas maximus. *Med. Weter.*, 36(11):667-669. (In Polish).
- 1464 **LcmW** Malpas, Robert C. 1981. Elephant losses in Uganda - and some gains. *Oryx*, 16(1):41-44.
- 1465 **LcuW** Malpas, Robert C. 1981. Uganda's wildlife: planning for the future. *Wildlife News*, 16(2):12-16.
- 1466 **a** Maluf, N.S.R. 1981. Kidney of a juvenile okapi Okapia johnstoni. *Am. J. Anat.*, 161(3):257-280.
- 1467 **d** Mann, P.C., M. Bush, D.M. Jones, L.A. Griner, G.R. Kuehn, and R.J. Montali. 1981. Leiomyomas of the genital tract in large zoo mammals. 70th Annual Meeting of the International Academy of Pathology, U.S.A. - Canadian Division, Chicago, Ill., U.S.A., March 2-6, *Lab Invest.*, 44(1):40A.
- 1468 **Ld W** Mas Bakal, P., L. Karstad, and N. In'T Veld. 1980. Serological evidence of toxoplasmosis in captive and free-living wild mammals in Kenya. *J. Wildl. Dis.*, 16(4):559-564.
A total of 159 mammals was studied. The rock hyrax (Procavia capensis) and the tree hyrax (Dendrohyrax arboreus) were among the species to have Toxoplasma antibodies (JS).

- 1469 **LgcW** Matthiessen, Peter. 1981. Sand rivers. The Viking Press, New York, 213 pp. (Photographs by Hugo Van Lawick.)
Highly praised account of an expedition by vehicle and on foot through the Selous Game Reserve in southern Tanzania in late 1979. With Brian Nicholson, the author relived the history of men and animals in this stronghold of wildlife - and confronted the realities of the future (SSL).
- 1470 **o** Meier, F., B. Seidel, G. Geserick, D. Patzelt, and P. Luther. 1980. Hapto-globin typing of serum samples of selected mammals by starch gel electrophoresis. *Monatsh Veterinaermed.*, 35(16):617-620. (In German).
- 1471 **LenW** Merz, Gunter. 1981. Recherches sur la biologie de nutrition et les habitats preferes de l'elephant de foret, Loxodonta africana cyclotis Matschie, 1900. *Mammalia*, 45(3):299-312. (English summary).
- 1472 **EcwW** Mishra, Hemanta R. 1980. Status of the Asian elephant in Nepal. Pp. 73-74, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1473 **Lu W** Mitchell, D. 1980. Elephants, Loxodonta africana, of Uganda near extinction. *Environ. Conserv.*, 7(3):212.
- 1474 **Eo C** Mizukami, Hiroshi, and David E. Bartniki. 1980. Ligand interaction kinetics and spectral properties of elephant myoglobin. 71st Annual Meeting of the Am. Soc. Biol. Chem. held with the Biophys. Soc. New Orleans, L.A., U.S.A., June 1-6, 1980. *Fed. Proc.*, 39(6):abstract 3088.
- 1475 **BicW** Monks, Ellis (compiler). 1982. News from World Wildlife Fund: California controls its ivory trade. *Swara*, 5(1):25.
The state of California seized art dealer's US \$1 million collection of hand carved ivory objects placed on sale (SSL).
- 1476 **LcmW** Monks, Ellis (compiler). 1981. News from World Wildlife Fund: IUCN Zimbabwe Conference on Elephant and Rhino, *Swara* 4(5):23.
Minimum number of elephants in Africa: 1,100,000. Maximum: over 1,600,000 (MPB).
- 1477 **LgrW** Moss, Cynthia J. 1980. Annual projects reports: Amboseli elephant project. *Wildlife News*, 15(2):9-10.
- 1478 **LgbW** Moss, Cynthia J. 1981. A family saga. *Wildlife*, 22(11):8-11.
- 1479 **Lb W** Moss, Cynthia J. 1981. Social circles. *Wildlife News*, 16(1):2-7.
- 1480 **LciW** Myers, Norman. 1981. A farewell to Africa. *Int'l Wildl.*, 11(6):36-47.
In a farewell to Kenya at the end of 20 years there, Myers proposes radical methods for saving big animals of the grasslands (E/SSL). See Reference No. 1482.
- 1481 **LcgW** Myers, Norman. 1981. New look at the problem of disappearing species. *Africana*, 8(1):6-8.
- 1482 **LciW** Myers, Norman. 1982. Saving the African elephant: how about an organization of ivory exporting countries? *Zoonooz*, 55(2):4-9.
See Reference No. 1480.

- 1483 **EwiW** Nair, P. Vijayakumaran, R. Sukumar, and Madhav Gadgil. 1980. The elephant in south India. A Review. Pp. 9-19, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1484 **s** Norval, R.A.I., J. Colborne, J. Tannock, and P.K.I. MacKenzie. 1980 (Recorded 1981). The life cycle of Amblyomma tholloni Acarina Ixodidae under laboratory conditions. Vet. Parasitol., 7(3):255-264.
- 1485 **o** Ohtomo, T., K. Yoshida, and A. Hasegawa. 1980. Comparison of the reactions of the compact colony forming active substance to the clumping factor reaction in a strain of Staphylococcus aureus with animal plasma. Med. Microbiol. Immunol., 168(4):261-266.
- 1486 **EcwW** Olivier, Robert C.D. (ed.). 1981. IUCN/SSC Asian Elephant Group News No. 6. Tigerpaper, 8(1):27-31.
- 1487 **EcwW** Olivier, Robert C.D. (ed.). 1981. IUCN/SSC Asian Elephant Group News No. 7. Tigerpaper, 8(2):21-26 (Focus on Thailand).
- 1488 **EcwW** Olivier, Robert C.D. (ed.). 1981. IUCN/SSC Asian Elephant Group News No. 8. Tigerpaper, 8(3):27-31.
- 1489 **EcwW** Olivier, Robert C.D. (ed.). 1981. IUCN/SSC Asian Elephant Group News No. 9. Tigerpaper, 8(4):25-32.
- 1490 **Lc W** Omo-Fadaka, Jimoh. 1982. Nigerian conservation foundation takes off. IUCN Bulletin, 13(1-2-3):25.
- 1491 **EeuW** Oza, G.M. 1980. Potentials and problems of hill areas in relation to conservation of wildlife in India. Environ. Conserv., 7(3):193-200.
- 1492 **LcwW** Parker, Ian. 1981. Wankie and the 'Crisis Carnival'. Africana, 8(4):25-26.
- 1493 **Li W** Parker, I.S.C., and Esmond Bradley Martin. 1982. How many elephants are killed for the ivory trade? Oryx, 16(3):235-239.
- 1494 **Ei W** Partha Sarathy, M.A. 1980. Impact of the ivory trade on elephant population in India. Pp. 61-62, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1495 **Lg W** Paynter, David. 1981. Wankie. Afr. Wildl., 35(2):19-22.
- Perry, J.S. 1981. The mammalian fetal membranes. J. Reprod. Fert., 62(2):321-335.
- 1496 ***awU** Pierard, Jean. 1980. Description d'une dent de mastodonte (Mammut americanum Kerr, 1972 [sic]) provenant de Chambord, Lac Saint-Jean, Quebec. Naturaliste Canadien, 107(4):277-283. Article had "Kerr, 1972" instead of 1792. "It is the first record from this species from Quebec as well as the most northerly site for Eastern North America" (E/JS).
- 1497 **EbeW** Pirta, R.S., and M. Singh. 1980 (Recorded 1981). Changes in home ranges of rhesus monkey Macaca mulatta groups living in natural habitats. Proc. Indian Acad. Sci. Anim. Sci., 89(6):515-526.
- 1498 **LrpW** Poole, Joyce H., and Cynthia J. Moss. 1981. Musth in the African elephant, Loxodonta africana. Nature, 292(5826):830-831. The study demonstrates that long-term research is the key factor that enabled the authors to report on their significant findings (JS).

- 1499 **Le W** Prickett, R.J. 1981. The Salient. Swara, 4(5):8-11.
Wildlife and trees of the eastern section of Aberdares National Park, Kenya (PJS).
- 1500 * **U** Protsch, R. 1980. Homo erectus at Bilzingsleben, East Germany. 49th Annual Meeting of the American Association of Physical Anthropologists, Niagara Falls, N.Y., U.S.A., April 17-19, Phys. Anthropol., 52(2):268.
- 1501 **Bb C** Racine, Richard N. 1980. Behavior associated with feeding in captive African and Asian elephants. Elephant Suppl., 1:57-71.
- 1502 **EroC** Ramsay, E.C., B.L. Lasley, and G.H. Stabenfeldt. 1981. Monitoring the estrous cycle of the Asian elephant Elephas maximus using urinary estrogens. Am. J. Vet. Res., 42(2):256-260.
- 1503 **Bg C** Rich, Mark S. 1981. Pachyderm pedicure. Zoonooz, 54(8):8-9.
- 1504 **BovC** Romero-Herrera, Alejo E., Morris Goodman, Howard Dene, David E. Bartnicki, and Hiroshi Mizukami. 1981. An exceptional amino acid replacement on the distal side of the iron atom in proboscidean myoglobin. J. Molec. Evol., 17(3):140-147.
- 1505 **+avB** Roth, Virginia L. 1982. Dwarf mammoths from the Santa Barbara, California Channel Islands: size, shape, development and evolution. Unpublished Ph.D. Dissertation, Yale University, New Haven (Connecticut), 277 pp.
In addition to comparisons between island mammoths and their closest mainland relatives, this work includes some comparisons with the living species of elephants (JS).
- 1506 **LihW** Sanchez-Arino, Tony. 1981. Ivory. AmWell Press, Clinton (New Jersey), xvii + 252 pp.
- 1507 ***a U** Sarwar, Muhammad. 1980. A new species of the genus Stegolophodon from Lehri, district Jhelum, Punjab, Pakistan. Pakistan J. Zool., 12(1):33-38. (Sp. nov. S. lehriensis).
- 1508 ***a U** Sarwar, Muhammad. 1980. Appearance of a remote dental character in Elephas hysudricus Falconer and Cautley. Pakistan J. Zool., 12(2):265-267.
- 1509 ***a U** Sarwar, Muhammad. 1980. Dental morphology and distribution of Tetralophodon punjabiensis progressus Sarwar. Pakistan J. Zool., 12(2):199-203.
- 1510 ***h U** Saunders, Jeffrey J. 1980. A model for man-mammoth relationships in late Pleistocene North America. Can. J. Anthropol., 1(1):87-98.
- 1511 ***ghU** Saunders, Jeffrey J., and Christopher J. Schuberth. 1980. Epitaphs in a mastodon graveyard. The Explorer, 22(4):4-12.
- 1512 **EpoC** Schmidt, Michael J. 1981. Technic and applications of venipuncture in the elephant. Pp. 63-69, in Recent developments in research and husbandry at the Washington Park Zoo (Jill Mellen and Ann Littlewood, eds.). Washington Park Zoo, Portland (Oregon), 92 pp.
- 1513 ***h U** Shackley, M. 1980. An acheulean industry with Elephas recki fauna from Namib IV South-West Africa Namibia. Nature (Lond.), 284(5754):340-341.

- 1514 **EewW** Shahi, S.P. 1980. Report of the Asian Elephant Specialist Group, Central India Task Force. Pp. 35-42, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1515 **BpjC** Shaw, Marjorie. 1982. Briefs: wild voices. *Zoonoos*, 60(6):14-15. (This is a review of the record of "Wild Voices", a Geoffrey Williams recording for Mainstreet Production, Inc.)
- 1516 **Lg B** Sheldrick, Daphne. 1981. An elephant called Eleanor. Dent, London, 128 pp.
Account of the author's experiences in raising orphaned animals in Tsavo National Park, Kenya. For adult as well as young readers (*E/Swara*, 4(4):22).
- 1517 **LnbW** Short, Jeff. 1981. Diet and feeding behaviour of the forest elephant. *Mammalia*, 45(2):177-185.
Diet of the *Loxodonta africana cyclotis* consisted mainly of woody material, leaves and stems. A total of 36 species of fruit was eaten, 9 of which formed a significant component of their diets (JS).
- 1518 **Lj W** Shorter, Brian. 1982. Mother elephant guards dead baby. *Swara*, 5(1):26.
Text and photographs depicting a cow in Amboseli National Park, Kenya, protecting her dead calf from lions (JS).
- 1519 **Lc W** Shorter, Clare (compiler). 1981. Horizons: Aberdares National Park. *Swara*, 4(4):23.
Elephants have been crossing the Laikipia plateau and causing problems to farmers again (KLS).
- 1520 **Lg B** Shorter, Clare (compiler). 1981. Horizons: Kenya, Uganda and Zambia. *Swara*, 4(3):19-21.
- 1521 **Lc W** Shorter, Clare (compiler). 1981. Horizons: Mountain Lodge, Kenya; Uganda, at last some good news. *Swara*, 4(2):19, 21.
- 1522 **LgcW** Shoshani, Jeheskel. 1980. A review of "The struggle for survival: the elephant problem" by John Hanks. *The Explorer*, 22(4):20-21.
- 1523 **Ea C** Shoshani, Jeheskel, et al. 1980. An abstract on the dissection of a female Asian elephant (*Elephas maximus maximus* Linnaeus, 1758). *Elephant*, 1(4):44-46.
- 1524 **EmwW** Singh, V.B. 1980. Elephant in NW. India (Uttar Pradesh). Pp. 59-60, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1525 **EemW** Sinha, M.K. 1981. Elephant migration in Kaziranga. *Tigerpaper*, 8(1):16-18.
- 1526 **LhgW** Skead, C.J. 1980. Historical mammal incidence in the Cape Province, Volume 1: The Western and Northern Cape. The Department of Nature and Environmental Conservation of the Provincial Administration of the Cape of Good Hope, Cape Town, 903 pp. (Order Proboscidea - family Elephantidae, pages 195-241).
- 1527 ***v U** Spinar, Zdenek V. 1981. Life before man. Crescent Books, New York, 228 pp. Illustrated by Zdenek Burian.

- 1528 **LhaC** Stanford, Dennis, R. Bonnicksen, and Richard E. Morlan. 1981. The Ginsberg experiment modern and prehistoric evidence of a bone flaking technology. *Science*, 212(4493):438-440.
- 1529 **Lr C** Starbird, Sylvia. 1982. Tavi's arrival heralds baby boom. *Zoonoos*, 55(4):16.
- 1530 **Er C** Strazielle, L. 1980. Naissance d'un elephant d'Asie au Parc Zoologique de Paris. *Mammalia*, 44(4):592-594.
- 1531 **Lm W** Swanepoel, P., R.H.N. Smithers, and I.L. Rautenbach. 1980 (Recorded 1981). A checklist and numbering system of the extant mammals of the southern African subregion. *Ann Transvaal Mus.*, 32(7):155-196.
- 1532 ***vaU** Takahashi, K., and H. Nokariya. 1980 (Recorded 1981). Occurrence of vertebrate fossils from Tengakuinshita Fujisawa City Kangawa Prefecture Central Japan. *J. Geol. Soc. Jpn.*, 86(7):455-460. (In Japanese).
- 1533 ***vaU** Taruno, H. 1980. The fossils of Palaeoloxodon naumanni from Kinki District, Japan. *Bull. Osaka Mus. Nat. Hist.*, 0(33):97-106. (In Japanese).
- 1534 **Lc W** Thesen, Hjalmar. 1981. The Knysna elephants. *The Naturalist*, 25(1):4-7.
- 1535 **o** Thoen, C.O., K. Mills, and M.P. Hopkins. 1980. Enzyme linked protein a an enzyme linked immuno sorbent assay reagent for detecting antibodies in tuberculosis exotic animals. *Am. J. Vet. Res.*, 41(5):833-835.
- 1536 **Le W** Tieszen, L.L., and S.K. Imbamba. 1980. Photosynthetic systems carbon isotope discrimination and herbivore selectivity in Kenya. *Afr. J. Ecol.*, 18(4):237-242.
- 1537 ***v U** Tobein, Heinz. 1980. A note on the mastodont taxa (Proboscidea, Mammalia) of the "Dinotheriensande" (Upper Miocene, Rheinhessen, Federal Republic of Germany). *Mainzer Geowiss. Mitt.*, 9:187-201.
- 1538 **Lpa** Van Hoven, W., R.A. Prins, and A. Lankhorst. 1981. Fermentative digestion in the African elephant Loxodonta africana. *S. Afr. J. Wildl. Res.*, 11(3):78-86.
- 1539 **Lw W** Van Lavieren, L.P., and J.D. Esser. 1980. Numbers distribution and habitat preference of large mammals in Bouba-Ndjida National Park, Cameroon. *Afr. J. Ecol.*, 18(2-3):141-154.
- 1540 ***e U** Vereshchagin, Nikolai K., and G.F. Baryshnikov. 1980. Paleoecology of late mammoth fauna in the arctic zone of Eurasia. *Biul. Moscow Obshest. Ispyt. Prirod., Biol.*, 85(2):5-19. (In Russian, English summary).
- 1541 ***avU** Vereshchagin, Nikolai K., and Viktor M. Mikhelson (eds.). 1981. Magadanskiy mamontenok, Mammuthus primigenius (Blumenbach). Nauka, Leningrad, 296 pp. (In Russian).
- 1542 **EewW** Vijayan, V.S. 1980. Status of elephants in Periyar Tiger Reserve. Pp. 31-34, in The status of the Asian elephant in the Indian sub-continent (J.C. Daniel, ed.). IUCN/SSC Asian Elephant Specialist Group, Bombay, 74 pp.
- 1543 **LjcW** Walker, Clive. 1981. Desert giants. *Afr. Wildl.*, 35(1):26-27.

- 1544 **Lg W** Walker, Clive. 1981. Signs of the wild. Natural History Publications, Johannesburg, 224 pp. (Elephants pp. 10, 59, 116-123, 130-131, 134, 138, and 224).
A well illustrated field guide to the spoor and signs of South African mammals. See also a review by J.C. Greig in African Wildlife, 35(6):12 (PJS).
- 1545 * **U** Walker, D.N., and G.C. Frison. 1980 (Recorded 1981). The Late Pleistocene mammalian fauna from the Colby mammoth kill site Wyoming USA. Contrib. Geol. Univ. Wyo., 19(1):69-79.
- 1546 ***a U** Wechsler, Klaus. 1981. Konservierung eines Mammutstosszahnes. Praparator, 27(2):59-63. (English summary).
- 1547 * **U** Wenner, Adrian M., and Donald L. Johnson. 1980. Land vertebrates on the California Channel Islands: sweepstakes or bridges? Pp. 497-530, in The California Islands: proceedings of a multi-disciplinary symposium (D.M. Power, ed.). Santa Barbara Museum of Natural History, Santa Barbara, 787 pp.
- 1548 **Lc W** Weyerhaeuser, Rick. 1980. Lake Manyara elephant research. Elephant, 1(4):164-168.
- 1549 **LewW** Wheelock, Naomi D. 1980. Environmental sodium as a factor in the behavior and distribution of African elephants. Elephant, 1(4):169-177.
- 1550 **Ee W** Wiles, G.J. 1980. Feces deterioration rates of 4 wild ungulates in Thailand. Nat. Hist. Bull. Siam. Soc., 28:121-143.
- 1551 **BlmB** Wu, Lilian Shiao-Yen, and D.B. Botkin. 1980. Of elephants and men: a discrete, stochastic model for long-lived species with complex life histories. Am. Nat., 116(6):831-849.
Individuals of long-lived species have complex life histories varying from individual to individual. One biological implication is that a population will become extinct after some finite time unless a female replaces herself by one or more female offspring (ES).
- 1552 **BihW** Wylie, Kenneth C. 1980. Ivory, elephants, and man: a survey, Elephant Suppl., 1:3-18.
- 1553 **LemW** Yoaciel, S.M. 1981. Changes in the populations of large herbivores and in the vegetation community in Mweya Peninsula, Rwenzori National Park, Uganda. Afr. J. Ecol., 19(4):303-312.
- 1554 ***v U** Zhao, Zhongiu. 1980. Fossil mammals from Jiaoshan Wuming, Guangxi. Vert. Paltsiatica, 18(4):299-303. (In Chinese, English summary). (Sp. nov. Tetralophodon wumingensis, sus jiaoshanensis).

EARLIER LITERATURE ON ELEPHANTS: 1970-1979

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- 1556 **Li W** Anonymous. 1975. The July auction. Africana, 5(11):34.

- 1557 **LewW** Anonymous. 1978. Wankie's golden years 1928-1978. *Afr. Wildl.*, 32(4):26-27.
Cursory history of Wankie and announcement of 50th anniversary symposium (PJS).
- 1558 **p** Bauchop, T. 1979. The rumen anaerobic fungi colonizers of plant fiber. Communications on digestive physiology and metabolism at the 5th International Symposium on ruminant physiology, Clermont-Ferrand, France, Sept. 3-7. *Ann. Rech. Vet.*, 10(2-3):246-248.
- 1559 **e** Begoyan, A.G. 1979. Death from constriction of the neck by an elephants trunk. *Sud.-Med. Ekspert.*, 22(2):56-57. (In Russian).
- 1560 *** U** Berdar, A., and L. Guglielmo. 1979 (Recorded 1981). Findings of cancerpagurus in the Upper Pleistocene of Poggio-Paradiso Messina Italy. *Mem. Biol. Mar. Oceanogr.*, 9(6):175-184. (In Italian).
- 1561 **LgvW** Bigalke, R.C. 1972. The contemporary mammal fauna of Africa. Pp. 141-194, in *Evolution, mammals and southern continents*. (Allen Keast, Frank C. Erk, and Bentley Glass, eds.). State University of New York, Albany, 543 pp.
- 1562 ***v U** Bonfiglio, L., and A. Berdar. 1979. Gli elefanti delle ghiaie pleistoceniche di Messina. *Quaternaria*, 21:139-177. (English summary).
- 1563 **o** Boobis, S., N. Persaud, and A. Richens. 1979. Results of a quality control scheme for the assay of theophylline in serum. *Ther. Drug Monit.*, 1(2):257-264.
- 1564 **Bg B** Bourliere, Francois. 1970. The natural history of mammals. Third edition, revised. Alfred A. Knopf, New York, xxi + 387 + xii pp. (Translated from French by H.M. Parshley).
- 1565 **LnmW** Briand Petersen, J.C., and R.L. Casebeer. 1971. A bibliography relating to the ecology and energetics of East African large mammals. *E. Afr. Wildl. J.*, 9:1-23.
- 1566 **LopW** Brown, I.R.F., P.T. White, and Robert C. Malpas. 1978. Proteins and other nitrogenous constituents in the blood serum of the African elephant, Loxodonta africana. *Comp. Bio. Phys.*, 59A(3):267-270.
- 1567 **Lg W** Carter, Nick. 1971. The elephants of Knysna. Purnell and Sons S.A. (Pty) Ltd., Cape Town (Republic of South Africa), 220 pp.
- 1568 **Le W** Coe, M.J., D.H. Cumming, and J. Phillipson. 1976. Biomass and production of large African herbivores in relation to rainfall and primary production. *Oecologia*, 22(3):341-354.
- 1569 ***vhU** Cooke, H.B.S. 1972. The fossil mammal fauna of Africa. Pp. 89-139, in *Evolution, mammals and southern continents* (Allen Keast, Frank C. Erk, and Bentley Glass, eds.). State University of New York, Albany, 543 pp.
- 1570 **Lb W** Crook, J.H., J.E. Ellis, and J.D. Goss-Custard. 1976. Mammalian social systems: structure and function. *Anim. Behav.*, 24:261-274.
- 1571 ***v U** Donner, J., H. Jungner, and B. Kurten. 1979 (Recorded 1980). Radio carbon dates of mammoth finds in Finland compared with radio carbon dates of Weichselian and Eemian deposits. *Bull. Geol. Soc. Finl.*, 51(1-2):45-54.

- 1572 **Ea C** du Boulay, G.H., and P.M. Verity. 1973. The cranial arteries of mammals. William Heinemann Medical Books Limited, London, 299 pp. (Proboscidea, p. 228. Description of arteries is after Watson, M. 1875. Contribution to the Anatomy of the Indian elephant. Part IV. Muscles and blood vessels of the face and head. J. Anat., 9:118-133.)
- 1573 **LbpW** du Preez, J.S., and I.D. Grobler. 1977. Drinking times and behaviour at waterholes of some game species in the Etosha National Park. Madoqua, 10(1):61-69.
- 1574 **Lu W** Edroma, Eric L. 1973. Poaching and human pressure in Rwenzori National Park. Uganda J., 37:9-18.
- 1575 **LgjW** Eltringham, Stewart K. 1979. The ecology and conservation of large African mammals. The MacMillan Press Ltd., 286 pp.
- 1576 **Lk W** Field, C.R. 1974. Scientific utilisation of wildlife for meat in East Africa: a review. J. Sth. Afr. Wildl. Mgmt. Ass., 4:177-183.
- 1577 **Le W** Fowler, Charles W., and Tim Smith. 1973. Characterizing stable populations: an application to African elephant population. J. Wildl. Mgmt., 37(4):513-523.
- 1578 **r** Gadgil, Madhav. 1979. Baby elephants and their aunts. Hornbill, 13:13-17.
- 1579 **EgcB** Gooneratne, B.W.M. 1978. The Ceylon elephant, Elephas maximus ceylanicus, and fight for survival. Loris, 14(5):263-271, 331.
- 1580 **Ld** Graber, M., and J. Thal. 1979 (Recorded 1980). Myiasis of Artiodactyla and Proboscidea in Central Africa. Rev. Elev. Med. Vet. Pays. Trop., 32(3):257-262. (In French).
- 1581 **Lw W** Grimsdell, J.J.R. 1979. Changes in populations of resident ungulates. Pp. 353-359, in Serengeti: dynamics of an ecosystem (A.R.E. Sinclair and M. Norton-Griffiths, eds.). University of Chicago Press, Chicago, xii + 389 pp.
- 1582 **Lk W** Haigh, J.C., I.S.C. Parker, D.A. Parkinson, and A.L. Archer. 1979 (Recorded 1980). An elephant extermination. Environ. Conserv., 6(4):305-310.
- 1583 **Lg W** Happold, D.C.D. 1973. Large mammals of West Africa. Longman, London, vi + 105 pp.
- 1584 **eh** Hemmer, H. 1979 (Recorded 1980). The origin of weaponry in higher primates: comments on the weapon use, weapon mimicry discussion by Randall L. Eaton. Carnivore (Seattle), 2(1-2):44.
- 1585 **Lb W** Henshaw, John. 1972. Notes on conflict between elephants and some bovids and on other inter-specific contacts in Yankari Game Reserve, N.E. Nigeria. E. Afr. Wildl. J., 10(2):151-153.
- 1586 ***vaU** Hooijer, D.A. 1976. Observations on the pygmy mammoths of the Channel Islands, California. Pp. 220-225, in Athlon: essays on paleontology in honor of Loris Shano Russel (C.S. Churcher, ed.). Royal Ontario Museum Life Sci. Misc. Pub., Toronto, 286 pp.

- 1587 o Hoskins, D.D., D. Johnson, H. Brandt, and T.S. Acott. 1979. Evidence for a role for a forward motility protein in the epididymal development of sperm motility. Pp. 43-54, in The spermatozoan: maturation, motility, surface properties and comparative aspects; 3rd International Symposium, Woods Hole, Mass., U.S.A., May 2-5, 1978, (D.W. Fawcett and J.M. Bedford, eds.). Urban and Schwarzenberg, Baltimore, Md., U.S.A.; Munich, West Germany, xvi + 441 pp.
- 1588 Le W Jarman, P.J., and M.V. Jarman. 1979. The dynamics of ungulate social organization. Pp. 185-220, in Serengeti: dynamics of an ecosystem (A.R.E. Sinclair and M. Norton-Griffiths, eds.). University of Chicago Press, Chicago, xii + 389 pp.
- 1589 Bl C Jones, Marvin L. 1979. Longevity of mammals in captivity. A poster presented at the 59th Annual Meeting of the American Society of Mammalogists, Corvallis, Oregon.
- 1590 LeaW Kenyi, J.M. 1979. Bone collection from Rwenzori National Park, Uganda. Afr. J. Ecol., 17(2):123-125.
- 1591 LvaW Kingdon, Jonathan. 1979. East African mammals. An atlas of evolution in Africa. Vol. III, Pt. B (Large mammals). Academic Press, London, v + 436 pp.
- 1592 d C Kocula, K. 1979 (Recorded 1980). Attempts at tuberculosis diagnosis in animals in zoological gardens. Przegł. Zool., 23(1):91-94. (In Polish).
- 1593 *v U Kotsakis, T., M.R. Palombo, and C. Petronio. 1978 (Recorded 1980). Mammuthus chrosaricus and Cervus elephus of the Upper Pleistocene of Via-Flaminia, Rome, Italy. Geol. Rom., 17:411-445. (In Italian).
- 1594 +z B Kotzwinkle, William. 1971. Elephant bangs train. Pantheon Books, New York, 148 pp.
In this collection of short stories three fantasy descriptions (discovery of a mastodon, encounter between an African elephant and a train, and the death of an Asian bull) are lyrically presented (JLP).
- 1595 Le W Lawton, R.M., and Mary Gough. 1970. Elephants or fire-which is to blame? Oryx, 10(4):244-248.
- 1596 Bg B Lewis, Margaret. 1971. Of the kingdom of Abu. Dinny's Calgary Digest, Calgary Zoological Society, 1(7):19-23.
"60,000 muscles manipulate it (the trunk)... This number of muscles has not been confirmed (JS).
- 1597 *vaU Maglio, Vincent, J., and Q.B. Hendey. 1970. New evidence relating to the supposed Stegolophodont ancestry of the Elephantidae. S. Afr. Archaeol. Bull., 25:85-87.
- 1598 *hvU Mead, Jim I., C. Vance Haynes, and Bruce B. Huckell. 1979. A late Pleistocene mastodon (Mammut americanum) from the Lehner site, southeastern Arizona. Southwest. Natur., 24(2):231-238.
- 1599 Eg W Medway, Lord. 1977. Mammals of Borneo. Malayan Branch, Royal Asiatic Soc., Kuala Lumpur, 172 pp.

- 1600 **Le W** Norton-Griffiths, M. 1979. The influence of grazing, browsing, and fire on the vegetation dynamics of the Serengeti Tanzania, Kenya. Pp. 310-352, in Serengeti: dynamics of an ecosystem (A.R.E. Sinclair and M. Norton-Griffiths, eds.). University of Chicago Press, Chicago, xii + 389 pp.
- 1601 **Ee** Nusrath, M. 1978 (Recorded 1979). Ecological distribution of coprophilous fungi. *Indian J. Mycol. Plant Pathol.*, 8(1):91-96.
- 1602 **EgcW** Olivier, Robert C.D. 1978. Present status of the Asian elephant (Elephas maximus Linnaeus, 1758). *Elephant*, 2:15-17.
- 1603 **Bm C** Olsen, Janice M. 1978. Captive elephant populations. *Elephant*, 2:32-34.
- 1604 **LkcW** Parker, Ian S.C. 1972. The theory is: wildlife should earn its keep! *Africana*, 4(10):12-13.
- 1605 **LgcW** Patel, Harshad C. 1973. Vanishing herds. Stein and Day, Briarcliff Manor, New York, 219 pp.
Photographic record of Patel's ten-year safari in East Africa, documenting groups of wild animals (E/SSL).
- 1606 **Er C** Pillay, K.R. Sukumara. 1976. A note on the diagnosis of pregnancy in elephants. *Indian Vet. J.*, 53:19-21.
"The biological test (using male frog and the serum of suspected female elephant) for diagnosing early pregnancy i.e., from sixth month to tenth month of gestation is recorded." (KLS)
- 1607 **Er C** Pillay, K.R. Sukumara. 1979. Duration of pregnancy in elephants. *Indian Vet. J.*, 56(1):75.
- 1608 **Bq C** Poglayen-Neuwall, Ivo. 1971. Elephant display at Louisville Zoo. *Int. Zoo Yearbk.*, 11:64-66.
- 1609 **EewW** Prasad, S. Narendra, P. Vijayakumaran Nair, H.C. Sharatchandra, and Madhav Gadgil. 1978. On factors governing the distribution of wild mammals in Karnataka. *J. Bombay Nat. Hist. Soc.*, 75(3):718-743.
- 1610 ***a U** Pritas, Jan, and Zoltan Schmidt. 1977. Find of Mammuthus primigenius (Blumenbach) 1799 from the environs of Chramee (Rimavska Kotlina basin, Southern Slovakia). *Zapad. Karpat.*, ser paleontol., 2-3:241-248.
- 1611 **LegW** Reader, John, and Harvey Croze. 1977. Pyramids of life: illuminations of nature's fearful symmetry. J.B. Lippincott Company, Philadelphia, 222 pp.
- 1612 **Le W** Rood, Jon P. 1975. Population dynamics and food habits of the banded mongoose. *E. Afr. Wildl. J.*, 13(2):89-111.
Includes observations of mongoose eating and sharing food (beetles from elephant dung) (ES).
- 1613 **Bz B** Rood, Ronald. 1977. Elephant bones and lonelyhearts: confessions along my nature trail. The Stephen Greene Press, Brattleboro, Vermont, 163 pp.
Of particular interest is the chapter entitled "How many bones in an elephant?" which describes the author's efforts as a researcher for encyclopedias (AH).
- 1614 **Le W** Sheppe, Walter, and Timothy O. Osborne. 1971. Patterns of use of a flood plain by Zambian mammals. *Ecol. Monogr.*, 41(3):179-205.
- 1615 **BgiB** Shoshani, Jeheskel. 1978. General information on elephants with emphasis on tusks. *Elephant*, 1(2):20-31.

- 1616 **LucW** Tinker, Jon. 1975. Who's killing Kenya's jumbos? *New Scientist*, 66:452-455.
- 1617 **BhyB** Toynbee, J.M.C. 1973. *Animals in Roman life and art*. Thames and Hudson, London, 431 pp. (Elephants, pp. 32-54).
- 1618 **LmeW** Van Gelder, Richard G. 1978. Observing elephants in Africa. *Elephant*, 1(2):31.
- 1619 ***a U** Voros, I. 1979 (Recorded 1980). *Archidiskodon meridionalis uromensis* New Subspecies from the Lower Pleistocene of the Carpathian Basin, Hungary. *Fragm. Mineral Palaeontol.*, 9:5-10.
- 1620 ***aeU** Webb, S. David (ed.). 1974. *Pleistocene mammals of Florida*. The University Presses of Florida, Gainesville, x + 270 pp.
- 1621 **Le W** Western, David. 1975. Water availability and its influence on the structure and dynamics of a savannah large mammal community. *E. Afr. Wildl. J.*, 13(3 & 4):265-286.
- 1622 **Lg W** Wilson, Vivian J. 1975. *Mammals of the Wankie National Park, Rhodesia*. Trustees Nat. Mus. and Monuments of Rhodesia, Salisbury, 147 pp. (Proboscidea, pp. 81-85).
Caption for Plate VIII reads as follows: "This naturally marked animal could be used to a very large extent in movement studies. Although it had the tip of its trunk missing it was still able to feed as well as any other elephant" (JS).

EARLIER LITERATURE ON ELEPHANTS: 1960-1969

- 1623 **Lg W** Ansell, W.F.H. 1960. *Mammals of Northern Rhodesia*. The Government Printer, Lusaka, xxxi + 155, 19 figs. and 17 maps.
- 1624 **h** Avery, Gillian. 1960. *The elephant war*. Holt, Rinehart and Winston, New York, 256 pp. (Drawings by John Verney).
- 1625 **LuhW** Bell, W.D.M. 1960. *The wanderings of an elephant hunter*. Charles T. Branford Company, Newton (Massachusetts), 188 pp.
Re-issue of accounts of "perhaps the greatest of all elephant hunters, 'Karamojo' Bell" who hunted in an area of the Karamojo people in present day northeast Uganda (JGE).
- 1626 **LweW** Bere, R.M. 1962. *The wild mammals of Uganda and neighbouring regions of East Africa*. Longmans, London, xii + 148 pp.
- 1627 **+v B** Cooke, H.B.S. 1968. Evolution of mammals on southern continents. II. The fossil mammal fauna of Africa. *Q. Rev. Biol.*, 43:234-264.
- 1628 **Bh B** de Beer, Gavin. 1969. *Hannibal: challenging Rome's supremacy*. The Viking Press, New York, 320 pp.
"Hannibal's elephants, as the coins show, were mostly African." (E/JS).
- 1629 **EzbC** Durrell, Gerald. 1968. *Rosy is my relative*. Fontana Books, London, 222 pp.
"An almost true story" about a young Englishman bequeathed a trained elephant with a weakness for liquor. Together they create chaos in the peaceful countryside of southern England while trying to find a home for the new "relative" (LAW).

- 1630 **Bj W** Ewer, R.F. 1968. Ethology of mammals. Logos Press Limited, London, 418 pp. (Elephants pp. 28, 92-93, 117, 142-144, 152, and 200).
- 1631 **Ba B** Gasc, Jean-Pierre. 1967. Squelette hyobranchial. Pp. 550-583 and 1103-1106, in Traite de Zoologie (P.-P. Grase, ed.). Masson et Cie Editeurs, Paris, 16(1):1-1162.
- 1632 **Lg W** Harris, W. Cornwallis. 1969. Portraits of the games and wild animals of Southern Africa. A.A. Balkema, Cape Town, xxiv + 196 pp.
Original edition of 1840 reproduced with an essay by Edward C. Tabler and zoological note by Richard Liversidge (SSL).
- 1633 **LkhW** Holman, Dennis. 1967. The elephant people. John Murray, London, 226 pp. (Almost identical to Massacre of the elephants, following reference).
- 1634 **LkhW** Holman, Dennis. 1967. Massacre of the elephants. Holt, Rinehart and Winston, New York, 247 pp. (Almost identical to The elephant people, previous reference).
- 1635 **Lg W** Huxley, Juliette. 1963. Wild lives of Africa. Harper & Row, Publishers, New York, 255 pp. Introduction and Postscript by Julian Huxley.
- 1636 **Lb W** Kachari, Mchilagule. 1963. Cow elephant helps her calf. Afr. Wild Life, 17(1):74.
- 1637 **Lv W** Keast, Allen. 1969. Evolution of mammals on southern continents. VII. Comparisons of the contemporary mammalian faunas of the southern continents. Q. Rev. Biol., 44(2):121-167.
- 1638 **BmpB** Kleiber, Max. 1961. The fire of life: an introduction to animal energetics. John Wiley and Sons, New York, 454 pp.
- 1639 **Ea C** Kohira, Eitaro. 1960. The spleen of the Elephas indicus. Acta. Anat. Nippon, 35(3):253-260. (In Japanese, English summary).
- 1640 **Ea C** Kunzel, E., and G. Luckhaus. 1967. Vergleichend-anatomische Untersuchungen des weichen Gaumens der Saeugetiere: Der Gaumenknorpel und der "M. urulae" des Indischen Elefanten (Elephas maximus). Anat. Anz., 120(3):318-322.
- 1641 **Lu W** Meissner, Hans-Otto. 1963. One-man safari. Rand McNally & Company, Chicago, 188 pp. (Translated by Robert Noble).
- 1642 **Bi B** Miles, A.E.W., and A. Boyde. 1961. Observations on the structure of elephant ivory. J. Anat., London, 95:450.
- 1643 **Bg B** Morris, Desmond. 1965. The mammals: a guide to the living species. Hodder and Stoughton, London, 448 pp. (Elephants, pp. 335-338).
- 1644 **Eg W** Seshadri, Balakrishna. 1969. The twilight of India's Wild Life. John Baker Publishers, London, 212 pp.
- 1645 **Lk W** Sikes, Sylvia K. 1967. Elephant culling. Animals, 10(3):146.
- 1646 **LamW** Sikes, Sylvia K. 1967. How to tell the age of an African elephant. Afr. Wild Life, 21(3):191-202.

- 1647 **EqzC** Sparrow, Gerald. 1961. No other elephant. Jarrolds Publishers Ltd., London, 192 pp.
This is the story of two Englishmen's adventures in pre-World War II Siam, based on Gerald Sparrow's experiences as the British representative of the Siam International Court and his friend's, Henry Paget, as a manager of a teak lumbering operation. The narration is pedestrian. Very little is said about elephants; what there is, is of doubtful accuracy. According to Sparrow, elephants like bulls are enraged by the color red. Such conclusions about either animal probably could not be demonstrated scientifically. Pra Chorn was the "No other Elephant" of the title whom he credited with human thoughts and emotions. His height, "seventeen feet to the top of his head", would seem to have been an exaggeration. He served his master, Henry Paget, moving logs in the teak forest. When the Japanese occupied Siam, Pra Chorn carried Paget and Paget's wife to safety in Burma (JLP).
- 1648 **LnoW** Stewart, D.R.M., and L.M. Talbot. 1962. Census of wildlife on the Serengeti, Mara and Loita plains. *E. Afr. Agric. For. J.*, 29:56-60.
- 1649 **Le W** Van Wyk, P., and N. Fairall. 1969. The influence of the African elephant on the vegetation of the Kruger National Park. *Koedoe*, 12:57-89.
- 1650 **ExoC** Venkatasubba Rao, S.R., and M.R.N. Prasad. 1963. The nuclear sex in the Indian elephant, *Elephas maximus* L. *Naturwissenschaften*, 50(7):313.
- 1651 **LemW** Vesey-FitzGerald, Desmond F. 1960. Grazing succession among East African game animals. *J. Mammal.*, 41(2):161-172.
- 1652 **Le W** Vesey-FitzGerald, Desmond F. 1965. The utilisation of natural pastures by wild animals in the Rukwa Valley, Tanganyika. *E. Afr. Wildl. J.*, 3:38-48.
- 1653 **Lm W** Watson, R.M., and M.I.M. Turner. 1965. A count of large mammals of the Lake Manyara National Park: results and discussions. *E. Afr. Wildl. J.*, 3:95-98.
- 1654 **Bh C** Whitt, Jane C. 1966. Elephants and Quaker guns: a history of civil war and circus days. Vantage Press, New York, 103 pp.
- 1655 **LcvW** Ziswiler, Vinzenz. 1967. Extinct and vanishing animals: a biology of extinction and survival. Springer-Verlag New York Inc., New York, x + 133 pp. (Revised English edition by Fred and Pille Bunnell.).

EARLIER LITERATURE ON ELEPHANTS: 1950-1959

- 1656 **Le W** Anderson, R.J. 1958. The Luangwa Valley Game Reserve. *Afr. Wild Life*, 12(2):137-139.
- 1657 **LemW** Anonymous. 1958. The Knysna elephant calf. *Afr. Wild Life*, 12(3):190.
A dung sample sent to D.H. Woods provided some evidence that a young calf existed in the Knysna forest. This was an encouraging find since a very small group (possibly 8) remained in this area (JKB).

- 1658 **Bu W** Askins, Charles. 1959. Asian jungle-African bush. The Stackpole Company, Harrisburg (Pennsylvania), v + 258 pp.
- 1659 **LdiW** Attwell, R.I.G. 1954. A note on wounds in elephants. *Afr. Wild Life*, 8(3):204-205.
A young male was shot in self-defense and was found to have a slug embedded in its tusk (JS).
- 1660 **Lg W** Barker, W. 1953. The elephant in the Sudan. Pp. 68-79, in *The elephant in East Central Africa* (R. Ward, ed.). Rowland Ward Ltd., London, 150 pp.
- 1661 **EgtB** Baze, William. 1955. Just elephants. Elek Books, London, 244 pp.
- 1662 **Bl B** Bigalke, R. 1957. The ages to which elephants live. *Afr. Wild Life*, 11(2):140-142.
A short account of the misconceptions of the age to which elephants were thought to live while pointing to the difficulty in obtaining such data in the wild (JKB).
- 1663 **Bg B** Carrington, Richard. 1958. Elephants: a short account of their natural history, evolution and influence on mankind. Penguin Books, London, 285 pp.
Well written, title is apt. I felt fortunate to be reading this book while in Sri Lanka in 1972; I was better able to learn about the fascinating aspects of elephants' natural history by observing them in their habitat at the same time as reading. The book continues to be one of the best general references on the subject. See also annotations for References No. 1253, p. 287 in *Elephant*, 1(4), and No. 1417 in this issue (JS).
- 1664 **LdmW** Colyer, Frank, and A.E.W. Miles. 1957. Injury to and rate of growth of an elephant tusk. *J. Mamm.*, 38(2):243-247.
The rate of growth of tusk was estimated to be 17 cm per year, or 3.3 mm per week (JS).
- 1665 **Lb W** Cowie, Mervyn H. 1956. The elephant story. *Afr. Wild Life*, 10(4):283-287.
Observations from a night spent at a sand river in Tsavo illustrated the important role the elephant plays in making water sources available for its own and other species (JKB).
- 1666 **Eg B** Deraniyagala, Paulus E.P. 1951. Elephas maximus, the elephant of Ceylon. National Museum of Ceylon, Colombo, 48 pp.
- 1667 **+g B** Deraniyagala, Paulus E.P. 1955. Some extinct elephants, their relatives, and the two living species. *Ceylon Nat. Mus. Pub.*, 161 pp.
- 1668 **Lv W** Ellerman, John R., T.C.S. Morrison-Scott, and R.W. Hayman. 1953. Southern African mammals 1758 to 1951: a reclassification. British Museum (Nat. Hist.), London, 363 pp.
- 1669 **Ez W** Elwin, Verrier. 1958. The elephant. Thirteen myths. Pp. 383-393, in *Myths of the north-east frontier of India*. Sree Saraswaty Press, 448 pp.
- 1670 **+a U** Esra, H.C., and S.F. Cook. 1959. Histology of mammoth bone. *Science*, 129(334):465-466.
- 1671 **+gaB** Frade, F. 1955. Ordre des Proboscidiens (Proboscidea Illiger, 1811). Pp. 715-875, in *Traite de Zoologie* (P.-P. Grasse, ed.). Masson et Cie, Paris, 17(1):1-1170.

- 1672 **Lz W** Gary, Romain. 1958. The roots of heaven. Simon and Schuster, New York, 373 pp. (Translated from French by Johnathan Griffin). Fiction. Adventure story about an idealist who makes war on elephant hunters in post-World War II Africa (E/SSL).
- 1673 **Eh C** Goodwin, George G. 1951. The Crowninshield elephant: the surprising story of Old Bet, the first elephant ever to be brought to America. Nat. Hist., 60:357-359. Well-documented account of the first elephant in the United States, "Old Bet". See also Elephant, 1(4):235-237 and 2(1):100-102 (SSL).
- 1674 **Lh W** Gowers, William. 1953. The African elephant in history. Pp. 143-150, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward Ltd., London, 150 pp.
- 1675 **Lb B** Grzimek, Bernard. 1956. Ein merkwürdiges Verhalten von afrikanischen Elefanten. Z. Tierpsychol., 13:151-152. "In one case a negro woman, sleeping under a tree, was also covered (by elephants) with a big heap of branches... Captives occasionally gather straw or other material to form a cushion on which to lay their head while sleeping, but no corresponding behaviour was observed in the wild." (MPB).
- 1676 **Bg W** Haltenort, Theodore, and Werner Trense. 1956. Das Grosswild der Erde und seine Trophaen. Bayerischer Landwirtschaftsverlag, Bonn, 436 pp. (Elephas maximus, pages 104-105; Loxodonta africana, pages 200-202).
- 1677 **C** Heller, Edmund. 1952. Elephants in and out of the zoo. Part 1. Zoonooz, 25(4):2-5.
- 1678 **C** Heller, Edmund. 1952. Elephants in and out of the zoo. Part 2. Zoonooz, 25(5):5-7.
- 1679 **C** Heller, Edmund. 1952. Elephants in and out of the zoo. Conclusion. Zoonooz, 25(6):5-7.
- 1680 **Le W** Hesse, P.R. 1958. Identification of the spoor and dung of East African mammals. Part III. Elephant, giraffe, horses, cattle and pigs. Afr. Wild Life, 12(1):59-63. Presents pictures along with some information on the spoor and dung of the elephant (JKB).
- 1681 **Lv W** Hill, W.C. Osman. 1953. The evolution of the African elephant. Pp. 11-14, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward Ltd., London, 150 pp.
- 1682 **La W** Hill, W.C. Osman. 1953. The anatomy of the African elephant. Pp. 15-60, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward Ltd., London, 150 pp.
- 1683 **Lr W** Hill, W.C. Osman. 1953. The reproduction of the African elephant. Pp. 61-67, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward Ltd., London, 150 pp.
- 1684 **ErnC** Hindle, E.M. 1950. Birth of an elephant in the Rome Zoo. Zoo Life, 5(1):7-9.
- 1685 ***g U** Hooijer, Dirk A. 1951. Pygmy elephant and giant tortoise. Sci. Month., 72:3-8.
- 1686 **Lu W** Hunter, J.A. 1952. Hunter. Harper & Brothers Publishers, New York, 263 pp.

- 1687 **LzuW** Jordan, John A., and John Prebble. 1956. Elephants and ivory. Rinehart & Company, Inc., New York, 250 pp.
Life of Jordan, "the most notorious ivory poacher along the borders of German East Africa", as told to Prebble (JGE).
- 1688 **Ea C** Kladetzky, Joseph. 1952. Mitteilung uber die Hypophyse eines weiblichen indischen Elefanten. *Anat. Anz.*, 99:75-79.
- 1689 ***avU** Kretzoi, M. 1950. Stegoloxodon nov. gen., a loxodonta elefantok estleges azsiai ose. *Foldtani Kozlony*, 80:405-408.
- 1690 **LugW** Lake, Alexander. 1953. Killers in Africa. Doubleday & Company, Inc., New York, 290 pp.
- 1691 **BgtC** Lewis, George. 1955. Elephant tramp. Little, Brown and Company, Boston, 279 pp.
- 1692 **Lz W** Lindgrens, Arthur. 1953. Afrika aufs korn genommen mit Buchse und Kamera durch Ostafrika. Paul Parey, Hamburg, 239 pp. (with 176 photographs).
- 1693 **Lg W** Malbrant, Rene. 1952. Faune du Centre africain francais (Mammiferes et Oiseaux). P. Lechevalier, Paris, 616 pp and 33 plates.
- 1694 ***ewU** Moreau, R.E. 1952. Vicissitudes of the African biomes in the late Pleistocene. *Proc. Zool. Soc. Lond.*, 141(2):395-421.
- 1695 **BhgC** Murray, Marian. 1956. Circus! From Rome to Ringling. Appleton-Century-Crofts, Inc., New York, 354 pp.
- 1696 **EapB** Muybridge, Eadweard. 1957. Animals in motion. Dover Publication, Inc., New York, 72 pp. and 183 plates. (Edited by Lewis S. Brown).
- 1697 **Lg W** Nicholson, Brian D. 1954. The African elephant (Loxodonta africana). *Afr. Wild Life*, 8(3):190-197.
- 1698 **LkbW** Nicholson, Brian D. 1956. The African elephant: how to shoot it humanely, when necessary. *Afr. Wild Life*, 10(1);25-36.
- 1699 **Lg W** Offermann, P.B. 1953. The elephant in the Belgian Congo. Pp. 114-125, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward Ltd., London, 150 pp.
- 1700 **Lr W** Perry, J.S. 1952. The growth and reproduction of elephants in Uganda. *Uganda J.*, 16:51-66.
- 1701 **Lr W** Perry, J.S. 1953. The reproduction of the African elephant, Loxodonta africana. *Phil. Trans. Royal Soc., London, Ser. B*, 237:93-149.
- 1702 **Lg W** Pitman, C.R.S. 1953. The elephant in Uganda. Pp. 99-113, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward, London, 150 pp.
- 1703 **LrbW** Poppleton, F. 1957. An elephant birth. *Afr. Wild Life*, 11(2):106-108.
- 1704 **Ea C** Rajagopal, M.D., and A.A. Ayer. 1954. Hairs and hair tracts of two fetuses of the Indian elephant (Elephas indicus). *Anat. Soc. India*, 3(1):1-10.
- 1705 **EbtC** Rensch, Bernhard. 1956. Increase of learning capability with increase of brain size. *Amer. Natur.*, 90(851):81-95.

- 1706 **BbtC** Rensch, Bernhard. 1957. The intelligence of elephants. *Sci. Amer.*, 196(2):44-49.
Are elephants intelligent? Can elephants remember? Here are results of some experiments done in the Bonn Zoological Park in West Germany (EE).
- 1707 **Em C** Rensch, Bernhard, and K.W. Harde. 1955. Growth-gradients of Indian elephants. *J. Bombay Nat. Hist. Soc.*, 52(4):841-851.
Growth graphs for males and females (ages plotted against lengths of heads and bodies) are similar, males being longer (SSL).
- 1708 **Lg W** Roberts, Austin. 1951. The mammals of South Africa. Trustees of "The mammals of South Africa" Book Fund, Johannesburg, xlviii + 701 pp. (Proboscidea, pages 233-236).
- 1709 **Lg W** Rushby, G.G. 1953. The elephant in Tanganyika. Pp. 126-142, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward Ltd., London, 150 pp.
- 1710 **LmaW** Perry, J.S. 1954. Some observations on growth and tusk weight in male and female African elephants. *Proc. Zool. Soc.*, London, 124(1):97-104.
- 1711 **Lw W** Setzer, Henry W. 1956. Mammals of the Anglo-Egyptian Sudan. Proceedings of the United States National Museum, 106(3377):447-587.
- 1712 **Eg C** Shebbeare, E.O. 1958. Soondar mooni: the life of an Indian elephant. Houghton Mifflin Company, Boston, xiii + 202 pp.
Account, with the early stages fabricated, of an Asian cow's life in service (MPB).
- 1713 **Ea C** Shindo, Tokuichi, and Masaru Mori. 1956. Musculature of the Indian elephant. Part I. Musculature of the forelimb. *Okajimas Folia Anat. Japonica*, 28(1-6):89-113.
- 1714 **Ea C** Shindo, Tokuichi, and Masaru Mori. 1956. Musculature of the Indian elephant. Part II. Musculature of the hindlimb. *Okajimas Folia Anat. Japonica*, 28(1-6):114-147.
- 1715 **EapC** Sprinz, R. 1952. The innervation of the trunk of the Indian elephant. *Proc. Zool. Soc.*, London, 122(3):621-623.
- 1716 **Lg W** Stockley, C.H. 1953. The elephant in Kenya. Pp. 80-98, in The elephant in East Central Africa (R. Ward, ed.). Rowland Ward, London, 150 pp.
- 1717 **Lb C** Stott, Ken, Jr. 1953. Flying African elephant: the petulant Peaches. *Zoonooz*, 26(11):2-4.
- 1718 **Lv W** Swynnerton, G.H., and R.W. Hayman. 1950. A checklist of the land mammals of the Tanganyika Territory and the Zanzibar Protectorate. *J.E. Afr. Nat. Hist. Soc.*, 20:274-392.
- 1719 **i** Taylor, J. 1955. Pondo: last of the ivory hunters. Simon and Schuster, Inc., New York, xxviii + 354 pp.
- 1720 **Ln C** Taylor, J.I. 1955. The rearing of an African elephant in captivity. *Vet. Rec.*, 67:301.
- 1721 ***v U** Velikovsky, Immanuel. 1950. Worlds in collision. MacMillan Co., New York, 401 pp.
- 1722 **Lg W** Ward, R. (ed.). 1953. The elephant in East Central Africa. Rowland Ward Ltd., London, 150 pp.
- 1723 **LvoW** Weitz, B. 1953. Serological relationships of hyrax and elephant. *Nature*, 171:261.

- 1724 EgtC Williams, J.H. 1950. *Elephant Bill*. Rupert Hart-Davis, London, 321 pp.
 Elephant Bill is a nickname for J.H. Williams. The story is an account of the author's experiences in Burma during World War I (1914-1918). Field-Marshal Sir William Slim of the British XIVth Army wrote in his foreward of the many animals that served them..."but the elephant held a special place in our esteem... To watch an elephant building a bridge, to see the skill with which the great beast lifted the huge logs and the accuracy with which they were coaxed into position, was to realise that the trained elephant was no mere transport animal, but indeed a skilled sapper... They built hundreds of bridges for us, they helped to build and launch more ships for us than Helen ever did for Greece. Without them our retreat from Burma would have been more arduous and our advance to its liberation slower and more difficult. We of the XIVth Army were - and are - proud of our Elephant Companies whose story 'Elephant Bill' tells so modestly but so vividly." The touching story of "Ma Shwe" (Miss Gold) who jeopardized her life to save her calf is told on pp. 90-93, and the episode of "Bandoola" the 'magnificent tusker' and the 'marvelous elephant' leading a caravan of elephants, men, women, and children along a narrow precipice of a cliff is told on pp. 272-277 (JS).
- 1725 EgtC Williams, J.H. 1954. *Bandoola*. Doubleday & Company, Inc., Garden City (New York), 256 pp.
 Bandoola was named after the great Burman patriot General Maha Bandoola, whose reputation rested on his resistance to the British in 1824. "...Bandoola was the most interesting and challenging animal with whom I have ever had to deal" (and with regard to passing along the precipice, see previous reference, Williams noted)... "I learned more in that one day about what elephants could be got to do than I had in twenty-four years. Po Toke's intuition had been perfectly right, and I am certain that we should never have done it if we had led with any animal except Bandoola... Bandoola had an unfortunate reputation because he killed a man, but he was not a killer. Maung Po Toke, his oozie, ended his life as a dacoit, or brigand... This was not a natural development, but the result of the peculiar conflict of his nature and his time. So I think with a curious mixture of possessiveness and conceit ('No one can manage Bandoola like me') he took a service rifle and shot the animal he had defended and protected from birth. Then he sawed off one of the tusks to make it appear as if Bandoola had been killed for ivory and took this tusk as his memento ... Yet the very lack of consistency is what convinces me of the truth of my theory. For if I am right, this is one of the very few crimes passionels committed against an animal." On page 61 the following is given:
- | <u>Name</u> | <u>Sex</u> | <u>Born</u> | <u>Mother</u> |
|-------------|------------|-------------|---------------|
| Bandoola | Male | Nov. 1897 | Ma Shwe |
- Bandoola was killed in 1945 (JS).

- 1726 **LenW** Woods, D.H. 1958. The Knysna elephants. *Afr. Wild Life*, 12(2):118-124.
Disclosed information from a 1957 expedition in the Knysna forests which led to the conclusion that 8 elephants, including one calf, existed in the area. The author set out to look for these elephants and found evidence of only 3 in the area (JKB).

EARLIER LITERATURE ON ELEPHANTS: 1940-1949

- 1727 **Ea C** Amprino, R., and G. Godina. 1947. La struttura delle ossa nei Vertebrati. *Pontif. Acad. Sci. Commentationes*, 11(9):1-464.
- 1728 **ErnC** Burne, E.C. 1943. A record of gestation periods and growth of trained elephant calves in the Southern Shan States, Burma. *Proc. Zoo. Soc. London*, 113 (Set. A):27-43.
- 1729 **Ev W** Chasen, F.H. 1940. A handlist of Malaysian mammals. *Bull. Raffles Mus.*, 15:1-209.
- 1730 **Eq C** Ferrier, A.J. 1947. The care and management of elephants in Burma. Williams, Lea and Co., Ltd., London, 188 pp.
- 1731 **ErnB** Flower, Stanley S. 1943. Notes on age at sexual maturity, gestation period and growth of the Indian elephant, Elephas maximus. *Proc. Zool. Soc. London*, 113(Ser. A):21-26.
- 1732 **Bl B** Flower, Stanley S. 1948. Further notes on the duration of life in mammals. -V. The alleged and actual ages to which elephants live. *Proc. Zool. Soc. London*, 117:680-688.
- 1733 **Lg W** Hill, J.E., and T.D. Carter. 1941. The mammals of Angola, Africa. *Bull. Amer. Mus. Nat. Hist.*, 78:1-211.
- 1734 **Eg W** Hubback, Theodore. 1942. The Malayan elephant (Elephas maximus indicus). *J. Bombay Nat. Hist. Soc.*, 42(3):483-509 and plate opp. p. 483.
- 1735 **+g B** Jeannin, Albert. 1947. L'elephant d'Afrique. Payot, Paris, 251 pp.
- 1736 **Lg B** Krumbiegel, Ingo. 1943. Der Afrikanische Elefant. Dr. Paul Schoeps, Leipzig, 152 pp.
A comprehensive account on the natural history of the African elephant (JS).
- 1737 **Eq C** Milroy, A.J.W. 1949. A short treatise on the management of elephants. And the management of elephant catching operations in Assam. Assam Gov't. Press, Shillong, total number of pages unknown.
- 1738 **LavW** Morrison-Scott, T.C.S. 1947. A revision of our knowledge of African elephants' teeth, with notes on forest and "pygmy" elephants. *Proc. Zool. Soc.*, London, 117(2 and 3):505-527.
- 1739 **Bg C** O'Brien, Esse F. 1941. Elephant tales. The Steck Company, Publishers, Austin (Texas), ix + 294 pp.
A collection of stories and accounts about captive elephants. Some of the statements are misleading (SSL).
- 1740 **BgaB** Osborn, Henry. 1942. Proboscidea. *Amer. Mus. Press*, New York, 2:805-1675.
- 1741 **El C** Patten, Robert A. 1940. "Jessie" joins her ancestors. *Parks and Recreation*, 23(5):200-202.

- 1742 **Lg W** Perkins, E.A.T. 1947. Island elephants again. *Uganda J.*, 11:38-41.
- 1743 **EmbC** Pillai, N.G. 1941. On the height and age of an elephant. *J. Bombay Nat. Hist. Soc.*, 42(4):927-928.
The height (10 feet and 7 inches) and age (between 52 and 67 years) are of "Chandrasekharan the male Asian elephant who died in 1940 and whose head is mounted at the Royal Art Gallery, 'Ranga Vilas' at the Fort, Trivandrum, Kerala, India. This fine tusker (weight of tusks: 142.5 lbs) was reported to be remarkable for his sagacity, gentleness and almost human intelligence. On one occasion Chandrasekharan ('the one who holds the moon') would not lower a pillar into a pit until a dog sleeping in the pit was roused and driven away. Deraniyagala (1955, see Reference No. 1667 in this issue) had used the mounted head of Chandrasekharan as the Type Specimen for the subspecies *Elephas maximus dakhunensis* Deraniyagala 1950. However, this subspecies is presently considered a synonym to *E. m. maximus* until further evidence is available (JS).
- 1744 **d** Ramiah, B. 1942. An obscure abscess in an elephant. *Ind. Vet. J.*, 29:200.
- 1745 **Bg C** Richards, Richard. 1944. Life with Alice: 40 years of elephant adventures. Coward-McCann, Inc., New York, 67 pp. ("Congo" an African elephant is photographed on pages 20B and 36A, "Gunda" on page 20C).
- 1746 **Bv B** Simpson, George G. 1945. The principles of classification and a classification of mammals. *Bull. Amer. Mus. Nat. Hist.*, 85:xvi + 1-350.
- 1747 **Ee W** Smythies, E.A. 1940. A battle royal between tigers and an elephant. *J. Bombay Nat. Hist. Soc.*, 41(3):654-656.
- 1748 **LugW** Taylor, John. 1948. African rifles and cartridges. Small Arms Technical Publishing Company, Georgetown (South Carolina), xiv + 431 pp.
The experiences and opinions of a professional ivory hunter. Miscellaneous information interspersed and in two chapters at end (SSL).
- 1749 **+v U** Watson, D.M.S. 1944. History of elephants. *Nature*, 153(3870):5-7.
"The history of the elephants has thus been more completely illustrated than that of any other mammalian order,..." (MPB).
- 1750 **+v B** Watson, D.M.S. 1946. The evolution of the Proboscidea. *Biol. Rev.*, London, 21:15-29.
- 1751 **Ea C** Weatherford, Harold L. 1940. Some observations on the tusks of an Indian elephant. The innervation of the pulp. *Anat. Rec.*, 76(1 and Supplement No. 1):81-93.
- 1752 **Bg B** Zim, Herbert S. 1942. Mice, men and elephants: a book about the mammals. Harcourt, Brace and Company, New York, 215 pp.

JUNIOR LIBRARY, LITERATURE ON ELEPHANTS: 1940-PRESENT

- 1753 **EgtC** Anonymous. 1974. Elephant boy: place of honour. Brimax Books, England, 13 pp. Junior Library. First in a series for middle elementary readers about an Indian boy working with elephants.
- 1754 **EgtC** Anonymous. 1974. Elephant boy: the great mahout. Brimax Books, England, 13 pp. Junior Library.
- 1755 **EgtC** Anonymous. 1974. Elephant boy: the rogue bull. Brimax Books, England, 15 pp. Junior Library.
- 1756 **EgtC** Anonymous. 1974. Elephant boy: the tyrant. Brimax Books, England, 15 pp. Junior Library.
- 1757 **Lz U** de Brunhoff, Laurent. 1968. Babar's games. Random House, Inc., New York, 16 pp. with popup figures.
- 1758 **LhzC** Denzel, Justin. 1973. Jumbo: giant circus elephant. Garrard Publishing Company, Champaign, 48 pp. Junior Library. Illustrated, for lower elementary (grade school) students. The life history of "Jumbo", the famous African elephant, from infancy to death; from Paris circus, to London Zoo, to P.T. Barnum's circus (PJS).
- 1759 **Bg B** Dolch, Edward W. and Marguerite P. Dolch. 1956. Elephant stories in basic vocabulary. The Garrard Press, Publishers, Champaign (Illinois), 165 pp. Illustrated by Dee Wallace. Accounts of circus and zoo elephants as well as wild animals encountered by man, written for middle elementary reading levels (PZ).
- 1760 **Bg B** Fenner, Phyllis R. 1952. Elephants, elephants, elephants: stories of rogues and workers, tuskers and trekkers, jungle trails and circus tanbark. F. Watts, New York, Number of pages unknown.
- 1761 **Uy U** Gross, S. 1980. An elephant is soft and mushy. Dodd, Mead and Company, New York, 118 drawings. Junior Library. Mostly cartoons, only one of an elephant (cannot tell from the drawing whether it is an African or Asian elephant, captive or tamed wild animal)(JS).
- 1762 **Bc W** Hennefrund, Bet. 1982. Hope for the elephants? Ranger Rick's Nature Magazine, 16(2):24-27 and photo on back cover.
- 1763 **Ez** Jenkins, Allen C. 1963. Kingdom of the elephants. Illustrated by Victor C. Jenkins. Follett Publishing Co., Chicago, 174 pp. Fiction for upper elementary readers.
- 1764 **Ez C** Luther, Sallie. 1982. Lucy the elephant and other beastly buildings. Ranger Rick's Nature Magazine, 16(3):20-24. "Lucy looms over the beach at Margate, New Jersey. She's 100 years old, stands six stories tall, and weighs more than 15 live elephants. Lucy almost had crumpled to ruin before people saved her. Now, decked out with a new tin skin, Lucy's a museum! (PZ).
- 1765 **Lz B** McCracken, Russell. 1944. The elegant elephant. Rand McNally & Company, Chicago, 32 pp + punchout toy. Imaginative story and game toy for young children, illustrated by Susanne Suba (SSL).

- 1766 **Lh C** Powers, Alfred. 1944. Hannibal's elephants. Illustrated by James Reid. David McKay Company, Inc., New York, 272 pp. Junior Library. Fictional account by an elephant keeper with Hannibal's troops, for upper elementary (E/SSL).
- 1767 **Lz C** Tsyferov, Gennady. 1974. There once was an elephant. Progress Publishers, Moscow, 13 pp. (Translated from Russian by Fainna Solasko.). Junior Library, for young readers.
- 1768 **Lz C** Yarmish, Yuri. 1976. How baby elephant learnt to dance. Dnipro Publishers, Soviet Union, 17 pp. (Translated from Ukrainian by Lilia Titar.) Junior Library, for young readers.

NEWSLETTER, HOUSE ORGANS, AND OTHER REPORTS ON ELEPHANTS AND RELATED SUBJECTS: 1940-PRESENT

- 1769 **Lz C** Andriotakis, Pamela. November 9, 1981. Happy: Paris toasts the 50-year reign of King Babar. People Weekly, pages 123-124, 126. Exhibits and commemorative volume celebrate 50 years of children's books about a beguiling elephant named Barbar (FZ).
- 1770 **Er C** Anonymous. August 21, 1981. It's a boy! 180 pounds-for now. The New York Times.
- 1771 **Er C** Anonymous. November 14, 1981. Pink elephant. Detroit Free Press. "The baby elephant (born at Copenhagen Zoo, Denmark) has a pink coloration, which a zoo spokesman attributes to premature birth." (E/LAW).
- 1772 **BciB** Anonymous. 1981. Rulemaking Actions: July 1981. New special rule regulating African elephant proposed. Endangered Species Technical Bulletin, VI(8):5.
- 1773 **BiuW** Anonymous. 1981. Three articles pertinent to ivory. Ivory News, 2(3):1-4.
- 1774 **UbzC** Anonymous. October 15, 1981. Weary elephant found alive in tree. Columbus Dispatch. An account of an elephant ("Gerry") that survived a flood by holding onto the branches of a fallen tree, at the Frank Buck Zoo, Gainesville, Texas (KLS).
- 1775 **EdqC** Anonymous. June 9, 1982. Circus elephant electrocuted. The Oakland Press, p. A-2. (See Reference No. 1778.)
- 1776 **Ed C** Anonymous. March 1982. 8½ pound molar pulled from elephant. Peoria Journal Star.
- 1777 **dqC** Anonymous. May 15, 1982. Elephant falls to death from cliff. Oakland Press.
- 1778 **dqC** Anonymous. May 15, 1982. Five elephants plunge over cliff. The Ann Arbor News. The elephants belong to the Carson & Barnes Circus bolted, ran toward a coal pit and plunged off a 25-30 foot cliff. Three were captured, one (a male) was killed, and one still at large (JGE). See also Reference No. 1775.
- 1779 **Eb W** Anonymous. April 1, 1982. Pickled pachyderms: army battles drunken elephants in India. The Detroit News, p. 10B. Some statements in the article are anthropomorphic (JS).

- 1780 **Bg C** Anonymous. 1982. Who loves elephants? The Electric Company Magazine, March 1982, pages 1-3 and cover page.
Interview with Buffy, son of Gunther Gebel-Williams, who lives and works with trained elephants (SSL).
- 1781 **LcuW** Anonymous. January 24, 1982. Zambia putting ban on elephant hunting. The New York Times.
- 1782 **Lw W** Balinsky, B.I. 1962. Patterns of animal distribution on the African continent. Ann. Cape Prov. Mus., 2:229-310.
- 1783 **Eh C** Billingsley, Frances (compiler). 1962. The Elephant Hotel: its architecture and history. Somers Historical Society, Somers, New York, 21 pp.
Descriptions of the hotel built by Hackaliah Bailey, honoring one of the first elephants in North America, "Old Bet" (SSL).
- 1784 **Bg B** Braack, Harold. 1981. Elephant lore. National Parks of the Republic of South Africa, Port Elizabeth, 20 pp.
Guidebook and general information developed for Addo Elephant Park (JGE).
- 1785 **Lz U** de Brunhoff, Laurent. November 9, 1981. Paris toasts the 50-year reign of King Babar. People Weekly, pages 123-124 and 126.
- 1786 **Bq C** Fotocraft C., and S.K.Lazell. December 1980. Two photographs of the Elephant House at Chester Zoo, England. Chester Zoo News, North of England Zoological Society, p. 11.
- 1787 **Eh C** Goerke, Betty. 1981. A trampling experiment. The L.S.B. Leakey Foundation News, Pasadena, California, Number 21, pages 4-5.
Trampling of stone tools by an elephant caused alteration of the edges.
- 1788 ***aoU** Goodman, Morris, Jeheskel Shoshani, and Marion Barnhart. 1979. Frozen mammoth muscle: preliminary findings. Paleopathology Newsletter, No. 25:3-5.
- 1789 **Lb W** Gorman, James. 1981. Elephant watching. Discover, 2(4):72-76.
"An intrepid biologist (Cynthia J. Moss) spends years in Kenya studying the society and behavior of the gentle beasts" (E/Discover).
- 1790 **LcmW** Heminway, John. January 10, 1982. A warrior for wildlife. The New York Times Magazine, pp. 29-30, 52,53,55-58.
Former Ugandan game warden Paul Ssali returns to Kidepo National Park and recounts the struggles to preserve wildlife, in formerly exemplary parks, during Amin's reign and the following chaos (JGE).
- 1791 **Lu W** Jackman, Brian. 1981. The death of a desert giant. Sunday Times of London, 27 December 1981.
Pressure from hunting, poaching and four years of drought has devastated the elephants and other large mammals of Damaraland (Kaokoland), South West Africa/Namibia - latest counts indicate no more than 84 elephants remain alive of which there are "only 9 adult bulls fit for breeding" (SSL).

- 1792 **Eh C** Parkinson, Greg. 1980. Phineas Taylor Barnum. Pp. 23-26, in Souvenir Program from "Barnum" (Arnold Bramow, ed.). Sells-Floto, Inc., Washington, D.C., 33 pp.
Biographical note on the grand showman, including account of the role of America's first captive born elephant in the beginning of the "Greatest Show on Earth" (SSL).
- 1793 **Bg B** Petrides, George A. March 15, 1981. News Bulletin of the International Wildlife Ecologists of Michigan State University Number 8. Michigan State University Department of Fisheries and Wildlife, East Lansing, 22 pp.
- 1794 **LygW** Plimpton, George. 1972. Mr. Plimpton, I presume. Life, 72(3):49-50, 52-54 and 55-57.
- 1795 **Eb C** Prance, Rachel. December 1980. Observed behaviour of captive Elephas maximus. Typescript, 16 pp.
- 1796 **Ec W** Schidlovsky, John. January 4, 1982. Orphanage in Sri Lanka: trying to save the vanishing Asian elephant. Detroit Free Press, page 6C.
- 1797 **BbfW** Seff, Philip, and David C. Baer, II. March 30, 1982. Legendary elephants' graveyard. Gainesville Sun, page 8B.
- 1798 **Eh C** Snyder, Clifford L. 1976. Somers remembered: a history of Somers, New York. Somers Historical Society, Somers, New York, 25 pp.
Historical account of the development of a town focused on the early days of traveling menageries and the circus as well as one of the first elephants in North America (SSL).
- 1799 **Bg B** Stocker, Joseph. July-August 1981. The elephant: people-like colossus. The ELKS magazine, pp. 6-8, 27 and 32.
- 1800 **LqtC** Tharp, Paul. May 26, 1981. Crushed zookeeper near death as he fights off raging bull elephant. The Star.
"Garry Cox recovers in a hospital from his terrifying brush with death... Elephants kill more people than all other circus or zoo animals combined." (E/AH).
- 1801 **Er C** Tyree, Veronica L. January 2, 1982. New Year's resolutions of area officials include losing pounds, gaining elephant. Citizen Journal.
- 1802 **LciW** Van Note, Craig. 1981. Help save the elephant! Information Report, Animal Welfare Institute, 30(2):3.
- 1803 **i** Webster, R.W. 1946. An investigation into the properties of ivory. Research Thesis. Gemmological Assn. of Great Britain, Typescript, Total number of pages unknown.
- 1804 **EgcW** WWF Indonesia Programme. 1980. Conservation of endangered large mammals in Sumatra. IUCN/WWF Project Proposal, Gland, Switzerland. Typescript, 6 pp.