

## BIBLIOGRAPHY

- Ali, S. (1946). The wild ass of Kutch op.cit. *J. Bombay nat.Hist. Soc.* 46(3): 472-477.
- Altmann, J. (1974). Observational study of behaviour: sampling methods. *Behaviour* 49: 227-267.
- Altmann, S.A. (1974). Baboons, space, time and energy. *Amer. Zool.* 14: 221-248.
- Bannikov, A.G. (1975). The number of kulan in the Trans-Altai Gobi (in Russia). *Priroda* 6: 93-94.
- Bekoff, M. and M.C. Wells (1986). Social ecology and behaviour of coyotes. *Advances in the study of Behaviour* 16: 251-338.
- Berger, J. (1977). Organizational systems and dominance in feral horses in the Grand Canyon. *Behav. Ecol. Sociobiol.* 2: 131-146.
- Berger, J. (1986). *Wild Horses of the Great Basin: Social competition and Population size*. The Univ. of Chicago Press, Chicago. 326 pp.
- Berger, J. (1988). Social systems, resources and phylogenetic inertia: an experimental test and limitations pp 157-185. In *The ecology of social behaviour*, (ed C.N.Slobodchikoff). Academic press Inc., California.
- Bharucha, F.R. and V.M. Meher-Homji (1965). On the floral elements of the semi-arid zones of India and their ecological significance. *The Phytologist* 64: 330-342.
- Blair, W.F. (1953). Population dynamics of rodents and other small mammals. *Adv. in Genetics* 5: 1-41.
- Bowen, W.D. (1982). Home range and spatial organization of coyotes in Jasper National Park, Alberta. *J. Wildl. Manage.* 46(1): 201-216.
- Boyd, L. (1979). The mare-foal demography of feral horses in Wyoming's Red Desert. In *Symposium on the ecology and behaviour of wild and feral equids*, (ed. R.H.Denniston). University of Wyoming, Laramie.
- Brown, J.L. (1963). Aggressiveness, dominance and social organization in the Stellar's jay. *Condor* 65: 126-53.
- Brown, L.E. (1966). Home range in small mammal communities. In *Survey of biological progress Vol.4* (ed. B.Glass). Academic Press, London.
- Burt, W.H. (1943). Territoriality and home range concepts on applied to mammals. *J. Mammal* 24: 346-352.

- Calhoun, J.B. and J.U.Casby (1958). Calculation of home range and density of small mammals. U.S. Public Health Service Public Health Monogr. No.55. 24 pp.
- Caughley, G.C. (1977). *Analysis of vertebrate populations*. Wiley and Sons, London.
- Cederland, G.N. and H.Okarma (1988). Home range and habitat use of adult female moose. *J. Wildl Manage.* 52: 336-343.
- Champion, H.G. and S.K.Seth (1968). *A revised survey of the forest types of India*. Manager of Publication Government of India, New Delhi. 404 pp.
- Clutton-Brock, T.H. and P.H.Harvey (1977). Primate ecology and social organization. *J. Zool., Lond.* 183: 1-39.
- Clutton-Brock, T.H. and P.H.Harvey (1978). Mammals, resources and reproductive strategies. *Nature* 273: 191-195.
- Connell, J.H. and R.O.Slatyer (1977). Mechanisms of succession in natural communities and their role in community stability and organization. *Amer. Nat.* 111: 1119-1144.
- Craighead, J.J., P.C.Craighead,Jr., R.L.Ruff and B.W.O'Gara (1973). Home ranges and activity patterns of non-migratory elk of the Madison Drainage herd as determined by Biotelemetry. *Wildl. Monogr.* No.33. 50 pp.
- Crook, J.H. (1970). The socio-ecology of primates. In *Social Behaviour in birds and mammals* (ed. J.H.Crook). pp. 103-166. Academic Press, London.
- Crook, J.H. (1972). Sexual selection, dimorphism and social organization in the primates. In *Sexual Selection and the descent of Man* (ed. B.Campbell). Aldine, Chicago.
- Crook, J.H., J.E.Ellis, and J.D.Goss-Custard (1976). Mammalian social systems: structure and function. *Anim. Behav.* 24: 261-274.
- Dargie, T.C.D and M.A.El Demerdash (1991). A quantitative study of vegetation-environment relationships in two Egyptian deserts. *J. of Vegetation Science* 2: 3-10.
- Dasman, R.F. and R.D.Taber (1956). Behaviour of Columbian black-tailed deer with reference to population ecology. *J. Mammal.* 37(2): 143-164.
- Davies, N.B. and A.I.Houston (1981). Owners and satellites: the economics of territory defence in the pied wagtail, *Motacilla alba*. *J. Animal Ecol.* 50: 157-80.
- Davies, N.B. and J.R.Krebs (1978). Introduction: ecology, natural selection and social behaviour. In *Behavioural Ecology: an evolutionary approach* (ed. J.R.Krebs and N.B. Davies). Chapter 1, pp 1-22. Blackwell, Oxford.

- Deham, W.W. (1971). Energy relations and some basic properties of primate social organization. *Amer. Anthropologist* 73: 77-95.
- Delany, M.J. and D.C.D.Happold (1979). *Ecology of African Mammals*. Longman group limited, London. 434 pp.
- Douglas, C. and H.Hiatt (1987). Food habits of feral burros in death valley. Natioal park service Tech. Rept. CPSU/UNLV No. 006/46, Las Vegas. 25 pp.
- Duncan, P. (1992). Zebras, Asses and Horses. An action plan for the conservation of wild equids. IUCN/SSC Equid Specialist Group, Gland, Switzerland. 36 pp.
- Dunn, W.C. (1984). Ecological relationships between desert Bighorn and feral burros in Death Valley National Monument, California. Univ. of Nevada, Cooperative National Park resources studies unit. 144 pp.
- Eberhardt, L.L., A.A.Majorowicz and J.A.Wilcox (1982). Apparent rates of increase for two feral horse herds. *J. Wildl. Manage.* 54(4): 603-612.
- Egler, F.E. (1954). Vegetation Science Concepts. I. Initial floristic composition a factor in old-field vegetation developement. *Vegetatio* 4: 412-417.
- Eisenberg, J.F. (1966). The social organization of mammals. *Handb. Zool.* 10: 1-92.
- Eisenberg, J.F. (1981). *The mammalian radiations: An analysis of trends in evolution, adaptation and behaviour*. Chicago University Press, Chicago.
- Feh, C. T, Boldsuckh and C. Tourenq.(in press). Are family groups in equids a response to co-operative hunting by predators?
- Feist, J.D. and D.R.McCullough (1975). Reproduction in feral horses. *J. Repro. Fert., suppl.*, 23: 13-18.
- Feist, J.D. and D.R.McCullough (1976). Behaviour patterns and communication in feral horses. *Z. Tierpsychol.* 41: 337-373.
- Fitch, H.S. and H.W.Shirer (1970). A radiotelemetric study of spatial relationships in the opossum. *Amer. Midland Naturalist* 84: 170-86.
- Garrot, R.A. and L.Taylor (1990). Dynamics of a feral horse population in Montana. *J. Wildl. Manage.* 54(4): 603-612.
- Gee, E.P. (1963). The Indian Wild Ass: A survey (February 1962) *J. Bombay. nat. Hist. Soc.* 60(3): 517-529.
- Geist, V. (1971). *Mountain sheep: a study in behaviour and evolution*. Univ. of Chicago Press, Chicago.

- Gill, F.B. and L.R.Wolf (1975). Economics of feeding territoriality in the golden-winged sunbird. *Ecology* 56: 333-45.
- Ginsberg, J.R. (1988). Social organization and mating strategies of an arid adapted equid: the Grevy's zebra. D.Phil diss., Princeton University.
- Ginther, O.J. (1979). *Reproduction biology of the mare*. McNaughton and Gunn Inc., Ann Arbor.
- Glennie, K.W. and G.Evans (1976). A reconnaissance of the recent sediments of the Ranns of Kutch, India. *Sedimentology* 23: 625-647.
- Green, N.F. and H.D.Green (1977). The wild horse population of Stone Cabin Valley, Nevada: A preliminary report. *Proc. Nat. Wild Horse Forum* 1: 59-65.
- Groves, C.P. (1974). *Horses, asses and zebras in the wild*. Curtis Books, Hollywood, Fla.
- Grubb, P.A. and P.A.Jewell (1974). Movement, daily activity and home range of Soay sheep. pp.160-194. In *Island Survivors: the ecology of the Soay sheep of St. Kilda* (ed. P.A.Jewell, C.Milner and J.M.Boyd). The Athlone Press. Univ. of London. 386 pp.
- Gupta, R.K. and S.K.Saxena (1971). Ecological studies on the protected and overgrazed rangelands in the arid zone of West Rajasthan. *J. Indian Bot. Soc.* 30: 382-388
- Hafez, E.S.E. (1980). Horses. In *Reproduction in farm animals* (ed. E.S.E.Hafez). pp 387-408. Lea and Febinger, Philadelphia.
- Hammond, J. (1960). *Farm animals, their breeding, growth and inheritance*, 2nd edition. Edward Arnold, London.
- Hayne, D.W. (1949). Calculation of size of home range. *J. Mammal.* 30: 1-18
- Hill, M.O. (1979a). *TWINSPAN - A Fortran Programme for arranging Multivariate Data in an Ordered Two Way Table by Classification of Individuals and Attributes*. Section of Ecology and Systematics, Cornell University, Ithaca, New York, USA.
- Hill, M.O. (1979b). *DECORANA - A Fortran Programme for Detrended Correspondence Analysis and Reciprocal Averaging*. Section of Ecology and Systematics, Cornell University, Ithaca, New York, USA.
- Horner, M.A. and R.A.Powell (1990). Internal structure of home ranges of black bears and analysis of home range overlap. *J. Mammal.* 71(3): 402-410.
- Huston, M. and T.Smith (1987). Plant succession: Life History and competition. *American Naturalist* 130: 168-98.

- Janis, C. (1976). The evolutionary strategy of the equidae and the origins of rumen and caecal digestion. *Evolution* 30: 757-774.
- Jarman, P.J. (1974). The social organization of antelope in relation to their ecology. *Behaviour* 48: 215-267.
- Jarman, P.J. (1982). Prospects for interspecific comparison in sociobiology. In *Current Problems in Sociobiology* (ed. King's College Sociobiology Group). pp. 323-342. Cambridge Univ. Press, Cambridge.
- Jennrich, R.I. and F.B.Turner (1969). Measurement of non-circular home range. *J. Theoret. Biol.* 22: 227-237.
- Jewell, P.A. (1966). The concept of home range in mammals. *Symp. Zool. Soc. Lond.* 18: 85-109.
- Joshi, N.J. (1959). Afforestation work under the Cutch Desert Immobilization scheme, Banaskantha Division, Gujarat State; *Dry Zone Afforestation Symposium*: F.R.I., Dehra Dun.
- Joubert, E. (1974). Composition and limiting factors of a Khanas Hochland population of Hartmann zebra *Equus zebra hartmannae*. *Madoqua*, series 1, 8: 49-53.
- Kaufman, J.H. (1962). Ecology and behaviour of the coati *Nasua narica* on Barro Colorado Island, Panama. *Univ. Cal. Publ. Sool.* 60: 95-222.
- Keiper, R.R. (1976) Social organisation of feral ponies. *Proc. Pa. Acad. Sci.* 50: 89-90.
- Keiper, R.R. (1979). Population dynamics of feral ponies. In *Symposium on the ecology and behaviour of wild and feral equids* (ed. R.H.Denniston). University of Wyoming, Laramie.
- Klein, D.R. (1968). The introduction, increase and crash of reindeer on St. Mathew Island. *J. Wildl. Manage.* 32: 350-367.
- Klingel, H. (1972). Social behaviour of African Equidae. *Zoologica Africana* 7: 175-185.
- Klingel, H. (1974). Social organisation and behaviour of the Grevy's zebra. *Z. Tierpsychol.* 36: 36-70.
- Klingel, H. (1977). Observations on social organization and behaviour of African and Asiatic wild asses (*Equus africanus* and *E. hemionus*). *Z. Tierpsychol.* 44: 325-331.
- Knowlton, N. and G.A.Parker (1979). An evolutionarily stable strategy approach to indiscriminate spite. *Nature* 279: 419-21.

- Krishnan, M.S. (1952). Geological history of Rajasthan and its relation to present-day conditions. *Proc. Symp. Rajputana Desert, Natn. Inst. Sci. India* 19-31.
- Langer. (1973). Stomach evolution in the Artiodactyla. *Mammalia* 38: 295-314.
- Le Houerou, H.N. (1981). Long-term dynamics in arid-land vegetation and ecosystems of North Africa (1). In *Arid lands Ecosystems: their structure, functioning and management. Vol 2*; International Biological Programme, vol no. 17, pp 357-384; (ed. D.W.Goodall and R.A.Perry). Cambridge University Press.
- Leuthold, W. (1977). *African ungulates A comparative review of their ethology and behavioural ecology*. Springer-Verlag, Berlin.
- Malhotra, A.K. (1989). A survey of status and breeding of Indian wild ass (*Equus hemionus khur*) in captivity in India. *Zoos Print* :9-10.
- Maza, B.G., N.R.French and A.P.Aschwanden (1973). Home range dynamics in a population of heteromyid rodents. *J. Mammal.* 54(2): 405-425.
- Marcum, C.L. and D.O.Loftsgaarden (1980). A non-mapping technique for studying habitat preferences. *J. Wildl. Manage.* 44: 963-968.
- Mc.Cormick, J. (1968). Succession. *Via* 1: 1-16.
- McCort, W.D. (1979). The feral asses (*Equus asinus*) of Ossabau Island, Georgia: Mating system and the effect of vasectomies as a population control procedure. In *Symposium on the ecology and behaviour of wild and feral equids* (ed. R.H.Denniston). University of Wyoming, Laramie.
- McCort, W.D. (1980). The behaviour and social organization of feral asses (*Equus asinus*) on Ossabau Island, Georgia. Ph.D. diss. Pennsylvania State, University Park.
- McCullough D.R. (1969). The tule elk: Its history, behaviour and ecology. *Univ. Calif. Publ. Zool.* 88: 1-191.
- McMichael, T.J. (1964) Studies of the relationship between desert bighorn and feral burros in the Black Mountains of northwestern Arizona. Unpubl. M.S. Thesis, Univ. of Arizona, Tucson. 38 pp.
- McNab, B.K. (1963). Bio-energetics and the determination of home range size. *Am. Nat.* 97: 133-140.
- Meher-Homji, V.M. (1972). An approach to the problem of defining aridity in the India-Pakistan subcontinent. *Geogr. Rev India* 34(2).
- Merh, S.S. and P.P.Patel (1988). Quaternary Geology and Geomorphology of the Ranns of Kutch. *Nat Sem. Rec Quat Studies Geol. Deptt* M.S.University, Baroda.

- Metzgar, L.H. and A.Sheldon (1974). An index of home range size. *J. Wildl. Manage.* 38(3): 546-551.
- Metzgar, L.H. (1973). Home range shape and activity in *Peromyscus leucopus*. *J. Mammal.* 54: 383-390.
- Moehlman, P. (1974). Behaviour and ecology of feral asses (*Equus asinus*). Ph.D. diss., Univ. of Wisconsin, Madison. 251pp.
- Mohr, C.O. and W.A.Stumpf (1966). Comparision of methods for calculating areas of animal activity. *J. Wildl. Manage.* 30(2): 293-304.
- Mohr, C.O. (1947). Table of equivalent populations of North American small mammals. *Am. Midland Naturalist* 37(1): 223-249.
- Morgart, J.R. (1978). Burro behaviour and population dynamics, Bandelier National Monument, New Mexico. Unpubl. M.S.Thesis, Arizona State Univ., Tempe. 94 pp.
- Mueller-Dombois, D. and H.Ellenberg (1974). *Aims and Methods of Vegetation Ecology*. John Wiley & Sons, New York, London.
- Nelson, K.J. (1980). Sterilization of dominant males will not limit feral horse populations. USDA Forest Service Research Paper RM-226.
- Neu, C.W., C.R.Byers, J.M.Peck and V.C.Boy (1974). A technique for analysis of utilization - availability data. *J. Wildl. Manage.* 38: 541-545.
- Norment, C., and C.C.Doughlas (1977). Ecological studies of feral burros in Death Valley. Univ. of Nevada Cooperative National Park Research Studies Unit Contribution 17. pp:132.
- Norusis, M.J. (1984). SPSS/PC+, Advance Statistics. Statistical Package for Social Sciences Inc., 444N Michigan Avenue, Chicago Illinois, U.S.A.
- Novellie. P.A., L.J.Fourie, O.B.Kok and M.C.Vander Westhuizen (1988). Factors affecting the seasonal movements of Cape mountain zebras in the Mountain Zebra National Park. *S. Afr.J. Zool* 23(1): 13-19.
- Ohmart, R.D., S.L.Woodward and R.Seegmiller (1975). Feral burros on the Havasu Resource Area, Colorado River Valley, California-Arizona. Semi-annual report submitted to the Bureau of Land Management.
- Odum, E.P. and E.J.Kuenzler (1955). Measurement of territory and home range size in birds. *Auk* 72(2): 128-137.
- Penzhorn, B.L. (1975). Behaviour and population ecology of the Cape Mountain zebra, *Equus zebra zebra* L., 1758, in the Mountain Zebra National Park. Ph.D. diss., University of Pretoria.

- Penzhorn, B.L. (1979). Social organization of the Cape Mountain Zebra, *Equus zebra zebra*, in the Mountain Zebra National Park. *Koedoe* 22: 115-56.
- Penzhorn, B.L. (1982a). Home range sizes of Cape mountain zebras *Equus zebra zebra* in the Mountain Zebra National Park. *Koedoe* 25: 103-108.
- Penzhorn, B.L. (1982b). Habitat selection by Cape Mountain zebras in the Mountain Zebra National Park. *So. Afr. J. Wildl. Res.* 12: 48-54.
- Penzhorn, B.L. (1984). Observations on mortality of free ranging cape mountain zebras *Equus zebra zebra*. *So. Afr. J. Wildl. Res.* 14(3): 89-90.
- Pielou, E.C. (1962). The use of plant to neighbour distances for the detection of competition. *J. Ecol.* 50: 357-367.
- Pramanik, S.K. (1952). Hydrology of the Rajasthan desert : rainfall, humidity and evaporation. *Proc. Symp. Rajputana Desert, Natn. Inst. Sci. India* 183-197.
- Pratt, R.M., R.J.Putman, J.R.Ekins and P.J.Edwards (1986).Use of Habitat by Free-Ranging Cattle and Ponies in the New Forest, Southern England. *J. of Applied Ecology* 23: 539-557.
- Ralph, C.J. and C.A.Pearson (1971). Correlation of age, size of territory, plumage and breeding success in white crowned sparrows. *Condor* 73: 77-78.
- Rao, K.S.S. (1981). Studies on the flora of South Eastern Kutch. Ph.D thesis, M.S. University of Baroda, Baroda.
- Robinette, W.L. (1966). Mule deer home range and dispersal in Utah. *J. Wildl. Manage.* 30(2): 335-343.
- Roberts,T.J. (1977). *The Mammals of Pakistan*. London Ernest Benn Ltd.,pp 361.
- Roy, B. (1973). Patterns and causes of inundation of the Rann of Kutch. Unpublished Ph.D. thesis, M.S. University, Baroda.
- Rubenstein, D. I. (1986). Ecology and sociality in horses and zebras.In Rubenstein, D.I., & Wrangham, R.W., *Ecological Aspects of Social Evolution*. (pp. 282-302). Princeton University Press.
- Salter, R.E. and R.J.Hudson (1982). Social organization of feral horses in western Canada. *Appl. Anim. Ethol.* 8: 207-223.
- Samuel, M.D., D.J.Pierce, and E.O.Garton (1985). Identifying areas of concentrated use within the home range. *J. Anim. Ecol.* 54: 711-719.
- Sanderson, G.C. (1966). The study of mammal movements - a review. *J. Wildl. Manage.* 30 (1): 215-235.

- Saxena, S.K. (1977). Vegetation and its succession in the Indian desert. In *Desertification and its control*. Indian Council of Agricultural Research, N.Delhi. The U.N. conference on Desertification, Nairobi.
- Seegmiller, R.F. (1977). Ecological relationships of feral burros and desert bighorn sheep, Western Arizona. Master's thesis, Arizona State University.
- Seegmiller, R.F. and R.D.Ohmart (1981). Ecological relationships of feral burros and desert bighorn sheep. *Wildl. Monogr.* No. 78. 58 pp.
- Seton, E.T. (1909). *Life histories of northern animals*. Chas. Scribner's Sons., N.Y. 673 pp.
- Shah, N.V., B.C. Choudhury and S.P. Goyal (1992). Herpetofauna Diversity in Little Rann of Kutch and Conservation Needs. Proceedings of the First International conference of the IUCN/SSC - ISRAG. *Zoos Print* Vol. VII, No. 11 pg 5.
- Sokal, R.R. and F.J.Rohlf (1981). *Biometry* 2nd ed. Freeman, San Fransisco, California. 859 pp.
- Siegel, S. (1974). *Non-parametric statistics for the behavioral sciences*. McGraw-Hill, New York.
- Sieveright, R. (1907). Cutch and Rann. *Geog. Jour.* V. 29: 528-539.
- Sinclair, A.R.E. (1977). *The African Buffalo*. University of Chicago Press, Chicago.
- Sinclair, A.R.E and J.M.Fryxell (1985). The Sahel of Africa:ecology of a disaster. *Can. J. Zool.* 63: 987-994.
- Sinha, B.C. (*unpubl.*). Impact of Landuse of the Ecogradation of the Wild Ass Habitat in Little Rann of Kutch, Gujarat. Ph.D thesis, Hemvati Naandan Bahuguna University, Srinagar, Garhwal.
- Sinha, S.K. (1983). The unique desert wildlife of Gujarat. *Cheetal* 24(3): 5-8.
- Smith, D.C. (1985). Home range and territory in the striped plateau lizard (*Sceloporus virgatus*). *Animal Beh.* 33: 417-427.
- Smuts, G.L. (1975). Home range sizes for Burchell's zebra *Equus burchelli antiquorum* from the Kruger National Park. *Koedoe* 18: 139-146.
- Snedecor,G.W. and W. Cochran (1967). *Statistical methods*, Oxford and IBH Publishing Co.
- Spillet, J.J. (1968). A report on wildlife surveys in south and west India. *J. Bombay nat. Hist. Soc.* 65(1): 1-46.

- Stickel, L.F. (1954). A comparison of certain methods of measuring ranges of small mammals. *J. Mammal.* 35(1): 1-15.
- Taber, R.D. (1956). Deer nutrition and population dynamics in the north coast range of California. *Trans. N. Amer. Wildl. Conf.* 21: 159-172.
- Tilman, D. (1985). The resource-ratio hypothesis of plant succession. *Am. Nat.* 125: 827-852.
- Tilman, D. (1988). Plant Strategies and the Dynamics and Structure of Plant Communities. Monographs in Population Biology No.26, Princeton University Press, Princeton, New Jersey. 360 pp.
- Tyler, S.J. (1972). The Behaviour and social organization of New Forest ponies. *Anim. Beh. Monog.* 5: 85-196.
- van Schaik, C.P. and J.A.R.A.M van Hoff. (1983). On the ultimate causes of Primate social systems. *Behaviour* 85: 91-117.
- Walker, M.T. and R.D.Ohmart (1978). The peregrinations and behavior of feral burros (*Equus asinus*) which affect their distribution area and population size in the Havasu Resource Area, Colorado River Valley, California-Arizona. U.S. Bureau of Land Management Contract No. 52500-CT4-270. 99 pp.
- Waring, G.H. (1983). Horse behaviour: *The behavioural traits and adaptations of domestic and wild horses, including ponies*. Noyes Publication, Park Ridge, N.J.
- Weins, J.A. (1984). Resource systems, populations and communitites. In *A new ecology: Novel approaches to interactive systems* (ed. P.W.Price, C.N.Slobodchikoff and W.S.Gand). pp 397-436. Wiley, New York.
- Welsh, D.A. (1975). Population, behavioural, and grazing ecology of the horses of Sable Island, Nova Scotia. Ph.D. diss., Dalhousie University.
- Western, D. (1979). Size, life history and ecology in mammals. *African Journal of Ecology* 17: 185-204.
- White, L.D. (1980). A study of feral Burros in Butte Valley, Death Valley National Monument. Univ. of Nevada, Cooperative National Park resources studies unit. pp. 124.
- Wolfe Jr., M. L. (1980). Feral horse demography: A preliminary report. *Journal of Range Management* 33(5): 354-360.
- Woodward, S.L. (1976). Feral burros of the Chemehuevi Mountains, California: the biogeography of a feral exotic. Unpub. Ph.D. diss. Univ. of California, Los Angeles.
- Woodward, S.L. (1979). The social system of feral asses (*Equus asinus*). *Z. Tierpsychol.* 49: 304-314.

Wynter-Blyth, M.A. (1956). An account of the wild ass and a brief history of the Indian Lion, *Indian Forester*, 1956: 644-8.

Zar, H.R. (1984). *Biostatistical Analysis* 2nd edition, Prentice-Hall Inc., Englewood Cliffs, N.J. 420pp.

Zeuner,F.E. (1963). *A History of domesticated animals*. Hutchinson, London, 560pp.