

XIII. 19. PARASITIC EXAMINATION AS A MEASURE OF HEALTH ASSESSMENT IN CAPTIVE WILD ANIMALS

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Parasitic examination forms an integral component of wildlife medicine, since this helps a zoo veterinarian in designing the line of therapeutic approach in a systematic way. Various parasitic fauna encountered in captive wild animals of multiple species reared in captive wild animal places like zoological park, zoological garden, zoos, crocodile banks, snake parks etc. were documented and the related wildlife management features were detailed accordingly.

Parasitic evidences of various captive wild fauna like *Trypanasoma evansi*, *Haemoproteus* sp., *Toxocara* sp., *Strongyloides stercoralis*, *Balantidium* sp., *Ancylostoma* sp., *Kalicephalus* sp., *Trichuris* sp., *Plasmodium* sp., *Ophidascaris* sp. etc. were documented in captive mammals, reptiles and avifauna. The implications of these parasitic conditions in the routine wildlife management were specified together with the transmission methods.