

THE PSEUDOSCORPIONS (FALSE-SCORPIONS) OF THE
KRUGER NATIONAL PARK

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The false-scorpions listed in this paper were collected by Dr. U. de V. Pienaar and his staff of field workers from 1961-1964 at various localities in the Park. The writer also contributed a large amount of material collected during the summer months of 1962, 1963 and 1964. The resulting fauna consists of 23 species of which 6 were found to be new to science and have been described in recent years in the Annals of the Natal Museum (1964, 1965).

All of the species have been determined by the well known authority on the order, Dr. Max Beier of the Natur-historisches Museum, Vienna, and all the new forms have been described by him; the paper submitted here is therefore very largely the result of his work. The members of the National Parks Board and all South African arachnologists will be indebted to this scientist for his freely given assistance.

Most of the species, except such specialised forms as *Ellingsenius sculpturatus*, which live only in beehives, were found under stones, a certain number under the bark of such large trees as *Azalia* and *Ficus*; only a few were found under both stones and bark. The single phagophilous species in the faunal list, *Aperittochelifer zumpti* Beier, was captured on a rodent, *Tatera leucogaster*, at Maseya in the sandveld.

Family CHTHONIIDAE

Genus *Paraustrochthonius* Beier

Paraustrochthonius tullgreni Beier

P. tullgreni 1931, Zool. Anz. 93, p. 49.

Shithlave kop (S.36).

Genus *Tyrannochthonius* Chamberlin

Tyrannochthonius contractus (Tullgren)

Chthonius contractus Tullgren 1907, Zool. Stud. tillägn. Tullberg, p. 232, fig. 10.

Shithlave kop (S.36).

Family OLPIIDAE

Genus *Ectactolpium* Beier

Ectactolpium zuluani Beier

E. zuluani Beier 1958, Ann. Natal Mus. 14 (2), p. 164, fig. 4.

The types, male and female, came from Ingwavuma, Zululand; Tshokwane (C. 136); Olifantspoort area (C.3), under bark of Rhodesian mahogany (*Afzelia quanzensis* Welw.); Madziringwe forest (N.16); Hlanganine spruit (N.249); Sabi-poort (S.47).

Genus *Xenolpium* Beier

Xenolpium lawrencei (Beier)

Calocheiridius lawrencei Beier 1964, Ann. Natal Mus., 16, p. 42, fig. 9.

The types were described from Tshokwane (C.136); Malelane Camp (S. 104); Hlanganine spruit (N.249); Mahlakuza pan, Nyandu sandveld (N.28).

Genus *Horus* Chamberlin

Horus obscurus (Tullgren)

Garypinus obscurus Tullgren 1907, Mitt. Mus. Hamburg, 24, p. 68, figs. 22a-c.

Hapi dam, Pafuri (N.5); Nwanetzi dam area (C.85); Shithlave kop (S.36); Hlanganine spruit (N.249); Sabi-poort (S.47); Lower Sabi (S.33).

Horus transvaalensis Beier

H. transvaalensis Beier 1964, Ann. Natal Mus. 16, p. 48, fig. 13.

The types, male and female, came from Witpoort, Transvaal; Msimbit forest, Mashikiri stream (N.3); Mpadza, Punda Milia (N.36).

Horus zonatus Beier

H. zonatus Beier 1964, Ann. Natal Mus. 16, p. 46, fig. 11.

The types, male and female, came from Birchenough Bridge, S. Rhodesia. Mpadze, Punda Milia (N.36); Olifantspoort area (C.3), under bark of Rhodesian mahogany (*Afzelia quanzensis* Welw.); Slanganine spruit (N.249); Msimbit forest, Mashikiri river (N.3); Sabi-poort (S.47).

Horus gracilis Beier

H. gracilis Beier 1965, Ann. Natal Mus. 18(2), p.

Hapi dam, Pafuri (N.5).

Genus *Pseudohorus* Beier

Pseudohorus transvaalensis (Beier)

Minniza transvaalensis Beier 1956, Entom. Ber. 16, p. 29.

Hapi dam, Pafuri (N.5).

Pseudohorus transvaalensis fenestratus Beier

P. t. fenestratus Beier 1966, Ann. Natal Mus. 18(2), p. 457, Fig. 2.

The type came from Mahlakuza pan, Nyandu sandveld (N.28).

Family GARYPIDAE

Genus *Thaumastogarypus* Beier

Thaumastogarypus transvaalensis Beier

T. transvaalensis Beier 1955, S. Afr. Anim. Life, 1, p. 292, figs. 11, 12.

The female types came from Letaba Camp, Kruger National Park; Mpadze, Punda Milia (N.31); Olifantspoort area (C.3); Pumbe picket (C.52); Msimbit forest, Mashikiri river (N.3); Hlanganine spruit (N.246); Lower Sabi (S.33).

Genus *Geogarypus* Chamberlin

Geogarypus impressus (Tullgren)

Garypus impressus Tullgren 1907, Zool. Stud. tillägn. Tullberg, p. 228, fig. 7. Malelane Camp (S.104).

Geogarypus olivaceus (Tullgren)

Garypus olivaceus Tullgren 1907, Mitt. Mus. Hamburg, 24, p. 63, fig. 20. Pretoriuskop (S.35); Malelane Camp (S.104).

Family FEAELLIDAE

Genus *Feaella* Ellingsen

Feaella capensis nana Beier

F. c. nana Beier 1965, Ann. Natal Mus. 18(2), p. 461, Fig. 4.

The type of the subspecies came from Hlanganine spruit near Letaba (N.246); Pretoriuskop (S.35); Shithlave kop (S.35); Lower Sabie (S.33).

Feaella krugeri Beier

F. krugeri Beier 1965, Ann. Natal Mus., 18(2), p. 463, Fig. 5.

The types came from Olifantspoort area (C.3) under stones.

Family ATEMNIDAE

Genus *Paratemnus* Beier

Paratemnus ellingseni Beier

Chelifer feae Ellingsen 1910, Mitt. Mus. Berlin, 4, p. 357.

Hapi dam, Pafuri (N.5); confluence of Sand and Sabi rivers (C.162); Napi road, Skukuza (S.17); Punda Milia (N.31), under bark of Rhodesian mahogany (*Azelia quanzensis* Welw.); Pafuri (N.5), under bark of *Ficus sycomorus*; Olifantspoort area (C.3), under bark of Rhodesian mahogany; Pumbe picket (C.52); Nwambiya pan (N.46).

Genus *Cyclatemnus* Beier

Cyclatemnus globosus parvus Beier

C. g. parvus Beier 1964, Ann. Natal Mus. 16, p. 70, fig. 28.

Shingwedzi (N.118); Gomondwane (S.71). The type came from Roodeplaats, Pretoria district, and was taken from beetles.

Genus *Miratemnus* Beier

Miratemnus zuluanus Lawrence

M. zuluanus Lawrence 1937, Ann. Natal Mus., 8, p. 269, fig. 29.

Pretoriuskop (S.35); Shalungwa springs (N.16). The type was described from the Hluhluwe Game Reserve, Zululand.

Family CHELIFERIDAE

Genus *Allowithius* Beier

Allowithius kästneri Vachon

A. kästneri Vachon

Confluence of the Sand and Sabi rivers (C.162).

Genus *Lophochernes* Simon

Lophochernes elegantissimus Beier

L. elegantissimus Beier 1964, Ann. Natal Mus., 16, p. 83, fig. 37.

The male type came from Skukuza, Kruger National Park, Napi Road, Skukuza (S.17).

Genus *Aperittochelifer* Beier

Aperittochelifer zumpti Beier

A. zumpti Beier 1964, Ann. Natal Mus., 16, p. 87, fig. 40.

The type came from a shrew, *Tatera leucogaster*, caught at Maseya spring, Maseya Sandveld (N.15).

Genus *Hansenius* Chamberlin

Hansenius torulosus (Tullgren)

Chelifer torulosus Tullgren 1907, Mitt. Mus. Hamburg, 24, p. 32, Taf. I, figs. 4a-f.

Msimbit forest on banks of Mashikiri river (N.3); Nwambiya an (N.46); Pafuri picnic-place (N.5); Malelane Camp (S.104); Hlanganine spruit (N.246).

Genus *Ellingsenius* Chamberlin

Ellingsenius sculpturatus (Lewis)

Chelifer sculpturatus Lewis 1903, J. Quekett Club 8 (2), p. 497, fig. 25.

Skukuza (S.7), in bee-hives.

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