

## RECORDS OF ANOPLURA FROM SOUTH WEST AFRICA<sup>1</sup>

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### ABSTRACT

New and additional records on three species of *Hoplopleura* and four species of *Polyplax* are reported

Johnson (1960) reviewed existing records of Anoplura collected from African rodents and published many new species and records. Since that time, personnel of the Division of Mammals, U. S. National Museum, under the supervision of Dr. Henry W. Setzer, have made extensive collections of African mammals and their ectoparasites. This report is part of a series which reports data on Anoplura collected in the course of these studies. The collections from Southwest Africa were made by Ron E. Cole (REC) and A. C. Risser (ACR).

Since Johnson provided excellent keys, descriptions, and illustrations of all species listed in this report, no taxonomic discussion is necessary. In addition to the normal collection data, the number of specimens taken off each individual host is given as an index to abundance.

### *Hoplopleura capensis* Werneck, 1954

Ex: *Desmodillus arcularis* (A. Smith, 1834), Namib Desert Research Station, Gobabeb, November 16, 1963, 45 ♂, 42 ♀, 45 nymphs, (REC-205); November 18, 1963, 4 ♀, (REC-217); November 18, 1963, 1 ♀, (ACR-318); November 18, 1963, 15 ♂, 23 ♀, 1 nymph, (ACR-321); November 19, 1963, 7 ♂, 9 ♀, (ACR-330); November 22, 1963, 1 ♂, 1 ♀, (REC-257).

### *Hoplopleura mulleri* Paterson, 1954

Ex: *Gerbillurus vallinus* (Thomas, 1918), Namib Desert Research Station, Gobabeb, November 22, 1963, 1 ♂, (REC-258); November 22, 1963, 4 ♂, (REC-263); November 22, 1963, 1 ♂, 1 ♀, (REC-267); November 22, 1963, 3 ♂, 1 ♀, (REC-295); November 22, 1963, 2 ♀, (ACR-360); November 22, 1963, 1 ♂, (ACR-365); November 22, 1963, 1 ♀, (ACR-366).

Ex: *Gerbillus oralis* Thomas and Hinton, 1925, Namib Desert Research Station, Gobabeb, November 24, 1963, 7 ♀, (REC-315).

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*Hoplopleura patersoni* Johnson, 1960

Ex: *Aethomys namaquensis* (A. Smith, 1834), Hakos Mountains, 191 km east of Walvisbaai, November 13, 1963, 3♂, 1 nymph, (REC-184); November 13, 1963, 5♀, (REC-194).

*Polyplax arvicanthis* Bedford, 1919

Ex: *Rhabdomys pumilio* (Sparrman, 1784), Namib Desert Research Station, Gobabeb, November 16, 1963, 1♂, 4♀, 3 nymphs, (ACR-288); November 19, 1963, 4♂, 5♀, 2 nymphs, (ACR-338); November 20, 1963, 1♀, (REC-255); November 24, 1963, 3♂, 8♀, 8 nymphs, (REC-299).

*Polyplax hopkinsi* Paterson and Thompson, 1953

Ex: *Desmodillus auricularius* (A. Smith, 1834), Namib Desert Research Station, Gobabeb, November 18, 1963, 2♀, (REC-217); November 18, 1963, 1♀, (REC-219); November 18, 1963, 2♀, (ACR-321); November 19, 1963, 1♂, 1♀, (REC-234).

*Polyplax praomydis* Bedford, 1929

Ex: *Aethomys namaquensis* (A. Smith, 1834), Hakos Mountains, 191 km east of Walvisbaai, November 13, 1963, 1♂, 2♀, (ACR-270); November 13, 1963, 1♀, (ACR-279); November 13, 1963, 2♂, 3♀, (ACR-284).

*Polyplax roseinnesi* Paterson and Thompson, 1953

Ex: *Gerbillus oralis* Thomas and Hinton, 1925, Namib Desert Research Station, Gobabeb, November 22, 1963, 1♂, 3♀, 1 nymph, (ACR-367); November 23, 1963, 1 nymph, (ACR-370); November 23, 1963, 1♂, 1♀, (ACR-388); November 24, 1963, 3♂, 3♀, (REC-315).

Ex: *Gerbillus calidus* Thomas, 1918, Namib Desert Research Station, Gobabeb, November 24, 1963, 6♂, 15♀, 2 nymphs, (REC-291); November 24, 1963, 3♂, 2♀, 1 nymph, (REC-293); November 24, 1963, 1♂, 2♀, (ACR-400).

Ex: *Gerbillus* sp., Namib Desert Research Station, Gobabeb, November 23, 1963, 1♀, (ACR-376); November 24, 1963, 2♂, 3♀, (ACR-417).

Ex: *Gerbillurus vallinus* (Thomas, 1918), Namib Desert Research Station, Gobabeb, November 22, 1963, 1♀, (REC-259); November 22, 1963, 3♂, 1♀, (REC-263); November 22, 1963, 1♀, (REC-268); November 22, 1963, 1♂, 3 nymphs, (REC-365); November 22, 1963, 6♀, (REC-366); November 23, 1963, 1♂, (ACR-372).

## LITERATURE CITED

- Johnson, P. T. 1960. The Anoplura of African Rodents and Insectivores. USDA Tech. Bull. 1211. 116 pages.