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Aculeate Hymenoptera collected 1985 in the Republic of Central Africa II (Mutillidae, Sphecidae, Apoidea)

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Abstract: A further list of Aculeate wasps collected in Kembe (4.29N, 21.53E) during July and August 1985 is presented.

Introduction

Since I published the first list of Aculeate wasps from the Republik of Central Africa (DOLLFUSS 1990) I have received more material from various specialists. I want to publish the results now and I hope to get the rest of the material identified for a later paper.

Acknowledgements

I sincerely thank the following specialists for identification of the material:

Prof. Dr. G. Nonveiller, Zemun, Serbia: Mutillidae;

R. V. Hensen, Utrecht, The Netherlands: *Liris* (Sphecidae);

M. Schwarz, Linz-Ansfelden, Austria: for offering Apoidea to the respective specialists.

Let me thank my colleague Mag. G. Posset for her help with English.

Results

The species in the following lists all originate from Kembe (4.29N, 21.53E), and the surrounding areas of approximately 100 km. They were all caught in July and August 1985.

Mutillidae : det. G. Nonveiller (including geographical comments)

Mutilla pythia (SMITH, 1855, ♂ ♀) - 1 ♀

Common in various forms in East- and South East Africa, reaching as far as Mozambique.

Odontomutilla tessmanni BISCHOFF, 1920 (♂) - 1 ♂

Also known from Cameroon and North-Zaire.

Odontomutilla bicolor NONVEILLER (i.l.) (♂) - 3 ♂ ♂

Lives in savannas, but also appears in rain forests, in which the females show a melanistic form (all silvicole species of Mutillidae are black, while others have at least a red thorax). The pattern of distribution suggests that it is probably the male of the following species.

Odontomutilla parva (MAGRETTI, 1906, ♀) - 1 ♀

Comments on distribution as above.

Lobotilla charaxus (SMITH, 1855, ♂ ♀) f. *obscurata* BISCHOFF, 1920 ♂ - 2 ♂ ♂

Lives in the areas north of the rain forest from Senegal to Uganda.

Trogaspidia viveotegulata BISCHOFF, 1920, ♂ ♀ - 4 ♀ ♀

Is known to live in the same areas as *Odontomutilla tessmanni*.

Trogaspidia odontostomida nov. - 1 ♂ (Holotype)

A description is planned in a revision of the genus by Nonveiller.

Glossotilla shiratiensis BISCHOFF, 1920, ♂ ♀ - 6 ♀ ♀

Lives in the steppes and savannas from Senegal to Kenya.

Glossotilla rugosipygidialis NONVEILLER (i.l., ♂ ♀) - 1 ♂, 8 ♀ ♀

Distribution as described above.

Strangulotilla thoracosulcata (MAGRETTI, 1905, ♂ ♀) - 1 ♀

Smicomyrme varians (ANDRE, 1904, ♂ ♀), 1 ♀

Common in Kenya.

Smicomyrme sp. - 1 ♂

The genus has not yet been revised.

Mimecomutilla sp. - 2 ♀ ♀

The genus has not been revised yet.

Dasylabris divisa BISCHOFF, 1920, ♀ - 2 ♀ ♀

Lives in steppes from Senegal to Kenya.

Summary: The 35 specimens, which were collected, consist of 14 species. One species was new to science and 6 species were found in the Republik of Central Africa for the first time.

Speci da e: *Liris*: det. HENSEN

Liris nigricans (WALKER, 1871) - 5 ♂♂ 6 ♀♀

Liris diabolicus (F. SMITH, 1873) - 1 ♀ (compared with type)

Liris haemorrhoidalis (FABRICIUS, 1804) - 1 ♂ 1 ♀

Liris bidentatus (ARNOLD, 1923) - 1 ♀

Liris sericosomus (TURNER, 1913) - 1 ♀

Liris croesus (F. SMITH, 1856) - 1 ♀

Liris sepulchralis (GERSTAECKER) - 2 ♀♀

Liris braunsi (ARNOLD, 1923) . 5 ♀♀

Liris microsophioides (ARNOLD, 1923) - 3 ♀♀ (compared with Arnold det. specimens)

Liris gracilicornis (ARNOLD, 1923) - 1 ♀ (compared with Arnold det. specimens)

Liris dentipes (TURNER, 1917) - 4 ♀♀

Liris thysanomerus (KOHL, 1894) - 6 ♂♂

147 specimens of *Liris* given to the Museum of Natural History of Vienna are still waiting for a specialist who is willing to do the hard work of revision this genus.

Apoidea:

Thyreus: det. C. EARDLY

Thyreus pretextus (VACH.) - 2 ♂♂ 4 ♀♀

Thyreus interruptus (VACH.) - 1 ♀

Thyreus bouyssoni (VACH.) - 1 ♂

Pseudoanthidium: det. T. GRISWOLD

Pseudoanthidium lanificum (SM.) - 1 ♂ 1 ♀

Ctenoceratina: det. DALY

Ctenoceratina ericia (VACH.) - 1 ♂ 2 ♀♀

A list of further species will be published in a later paper, when I get it from the respective specialists.

S p h e c i d a e :

The following genera have not been examined before: *Oxybelus* (7 specimens), *Bembix* (10 specimens), *Philanthus* (79 specimens) and *Cerceris* (74 specimens). If anybody is interestet in seeing the material please contact me.

Reference cited

DOLLFUSS H. (1990): Aculeate Hymenoptera collected 1985 in the Republik of Central Africa (Specidae, Eumenidae, Vespidae, Pompilidae, Chrysididae and Scoliididae). — Zeitschr. Arbeitsgemeinschaft Österr. Ent. 42/3/4): 121-124.

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