

On type specimens of Palaearctic Miridae kept in the Leiden Museum (Heteroptera)

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AUKEMA, B., 1998. ON TYPE SPECIMENS OF PALAEARCTIC SPECIES OF MIRIDAE KEPT IN THE LEIDEN MUSEUM (HETEROPTERA). – *ENT. BER., AMST.* 58 (8): 153-154.

Abstract: Lectotypes of nine species-group taxa of Miridae in the collection of the Leiden Museum are designated. The following new synonymy is established: *Atractotomus parvulus* Reuter, 1878 = *A. brevicornis* Reuter, 1899 syn. nov.

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The collection of the National Museum of Natural History in Leiden (RMNH) contains six species and two varieties of Miridae described by Reuter (1894, 1899, 1901) and one species described by Vollenhoven (1875) for which no available holotype designations exist.

In this paper lectotypes are designated for these cases and all necessary information is given to include them in the catalogue of Palaearctic Heteroptera.

Lectotypes are designated here for the following taxa (labels are separated by a slash and are printed unless stated otherwise):

Amblytylus vittiger Reuter, 1899: 152. ♂, Dr. Schmiedeknecht Oran '95 Djebel Tessalah / type [handwritten] / Holotypus [blue label] / Dr. O. M. Reuter determinavit.

Atractotomus brevicornis Reuter, 1899: 140. ♀, Dr. Schmiedeknecht Oran '95 Djebel Tessalah / Holotypus [blue label] / *Atractotomus brevicornis* Reut. type [handwritten]. The following synonymy, suspected by Stonedahl (1990: 43), is established: *Atractotomus parvulus* Reuter, 1878 = *A. brevicornis* Reuter, 1899 syn. nov.

Atractotomus schmiedeknechti Reuter, 1899: 141. ♀, Dr. Schmiedeknecht Tlemcen Oran '95.6 / 218 [handwritten] / Holotypus [blue label] / *Atractotomus schmiedeknechti* Reut., type [handwritten].

Criocoris crassicornis var. *fulvicornis* Reuter, 1894: 146. ♂, Dr. O. M. Schmiede-

knecht Thüringen / Holotypus [blue label] / Dr. O. M. Reuter determinavit / type var. *fulvicornis* Reut. [handwritten].

Criocoris nigricornis Reuter, 1894: 145. ♂, Dr. O. M. Schmiedeknecht Thüringen / Holotypus [blue label] / type [handwritten] / Dr. O. M. Reuter determinavit.

Halticidea punctulata Reuter, 1901: 173. ♀, Staudinger Ural [handwritten] / type [handwritten] / Holotypus [blue label] / *Halticidea punctulata* Reut. [handwritten].

Lopus subpatellatus Vollenhoven, 1875: 172. ♂ [the specimen figured in the original description], 't Schelling [= Terschelling, not Texel as indicated by Vollenhoven (see also Fokker, 1885: 70)] 2/6.72 [handwritten] / determ. Reuter / *Lopus subpatellatus* Voll. [handwritten]. Note: *Lopus subpatellatus* was synonymized by Fokker (1885: 70) with *Conostethus salinus* J. Sahlberg, 1870 and not with *C. roseus* (Fallén, 1807) as indicated by Matocq (1991: 136) and Schuh (1995: 301). The two syntypes from Velp were misidentified by Vollenhoven and belong to *C. roseus* (see also Fokker, 1885: 70).

Orthotylus marginalis var. *oraniensis* Reuter, 1899: 155. ♂ [without abdomen], Dr. Schmiedeknecht Tlemcen Oran '95.6 / 104 [handwritten] / Holotypus [blue label] / Dr. O. M. Reuter determinavit / *O. marginalis* var. *oraniensis* Reut. type [handwritten].

Psallus fokkeri Reuter, 1899: 144. ♀ [not ♂ as indicated by Reuter], Dr. O. M. Schmiedeknecht Iviza Balearen / Holotypus [blue la-

bel] / type [handwritten] / Dr. O. M. Reuter determinavit.

Macrotylus geniculatus was described by Reuter (1899: 151) after a single specimen in Fokker's collection (Fokker, 1899a: 24). The holotype male is present in RMNH and it is labelled: Dr. Schmiedeknecht 1895 Oran Hammam-Bou-Hadjar / Holotypus [blue label] / 180 [handwritten] / Dr. O. M. Reuter determinavit / *Macrotylus geniculatus* Reut. nov. spec. type [handwritten].

Of the following three species no material was found in RMNH: *Anonychia fokkeri* Reuter, 1899: 134 and *Omphalonotus anomphalus* Reuter, 1899: 155 (both collected by O. M. Schmiedeknecht in Egypt and listed by Fokker, 1899b) and *Pachytomella aenescens* Reuter, 1899: 157 (collected by O. M. Schmiedeknecht in Algeria, but not listed by Fokker, 1899a).

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References

- FOKKER, A. J. F., 1885. Catalogus der in Nederland voorkomende Hemiptera. No. 3. – *Tijdschr. Ent.* 28: 51-78.
- FOKKER, A. J. F., 1899a. Hemiptera gevangen in de Provincie Oran, Algerie door Dr. O. Schmiedeknecht. – *Tijdschr. Ent.* 42: 17-27.
- FOKKER, A. J. F., 1899b. Hemiptera uit Egypte. – *Tijdschr. Ent.* 42: 28-31.
- MATOCQ, A., 1991. Contribution à l'étude du genre *Conostethus* Fieber, avec la description d'une espèce nouvelle de France. – *Nouv. Rev. Ent. (N.S.)* 8: 135-148.
- REUTER, O.M., 1894. Ad cognitionem Capsidarum. II. Capsidae palaearticae. – *Revue Ent.* 13: 128-152.
- REUTER, O.M., 1899. Capsidae novae mediterraneae descriptae. – *Öfvers. finska VetenskSoc. Förh.* 42B: 131-162.
- REUTER, O.M., 1901: 173. Capsidae rossicae descriptae. – *Öfvers. finska VetenskSoc. Förh.* 43B: 161-194.
- SCHUH, R.T., 1995. *Plant bugs of the world (Insecta: Heteroptera: Miridae): Systematic catalog, distributions, host list, and bibliography*: i-xii, 1-1329. New York Entomological Society, New York.
- STONEDAHL, G., 1990. Revision and cladistic analysis of the Holarctic genus *Atractotomus* Fieber (Heteroptera: Miridae: Phylinae). – *Bull. Am. Mus. nat. Hist.* 198: 1-88.
- VOLLENHOVEN, S. C. SNELLEN VAN, 1875. De inlandsche Hemipteren, beschreven en meerendeels ook afgebeeld. Vijfde stuk met drie platen. – *Tijdschr. Ent.* 18: 150-185.

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