

On synonymy of *Acrocera* Meigen and *Paracrocera* Mik (Diptera: Acroceridae)

E.P. Nartshuk

Nartshuk, E.P. 2000. On synonymy of *Acrocera* Meigen and *Paracrocera* Mik (Diptera: Acroceridae). *Zoosystematica Rossica*, 8(2), 1999: 300.

Synonymy of *Acrocera* Meigen and *Paracrocera* Mik is discussed.

E.P. Nartshuk. Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St.Petersburg 199034, Russia. E-mail: nep@zisp.spb.su.

Weinberg & Bächli (1996, 1997, 1998) treated species with antennae on upper part of head and short proboscis in two genera, *Acrocera* Meigen (vein r_{2+3} and cell R_1 present) and *Paracrocera* Mik (vein r_{2+3} and cell R_1 absent). They especially discussed the taxonomic value of characters of wing venation in the genera *Acrocera*, *Paracrocera* and *Ogcodes*.

The type species of *Acrocera* Meigen, 1803 is *Syrphus globulus* Panzer, 1803 by monotypy and the type species of *Paracrocera* Mik, 1886 is *Acrocera tumida* Erichson, 1840 as designated by Coquillett, 1910. In both these nominal species the vein r_{2+3} and the cell R_1 are absent. Moreover, both species are considered by many authors as synonyms of *Syrphus orbiculus* Fabricius, 1787. Hence, *Acrocera* and *Paracrocera* are synonyms (see Gil Collado, 1929; Chvála, 1980) and the name *Acrocera* must be used for species without the vein r_{2+3} and the cell R_1 , which are included in *Paracrocera* by Weinberg & Bächli (*op. cit.*).

Species with the vein r_{2+3} and the cell R_1 should be placed in *Acrocerina* Gil Collado, 1929 (type species *Acrocera trigramma* Loew, 1845) (see Nartshuk, 1982, 1988).

When Chvála (1980) wrote that it would be well to erect a new genus for species with the vein r_{2+3} and the cell R_1 , he did not know about the paper by Gil Collado (1929).

References

- Chvála, M. 1980. Acroceridae (Diptera) of Czechoslovakia. *Acta Univ. Carolinae, Biologia*, 1977: 253-267.
Gil Collado, J.G. 1929. Cirtidos españoles y marques del Museo de Madrid (Dipt., Cyrt.). *Mem. Real Soc. Españ. Hist. nat.*, 15: 539-552.
Nartshuk, E.P. 1982. A review of Acrocerid flies (Diptera, Acroceridae) of the USSR with description of a new genus and some new species. *Entomol. Obozr.*, 61(2): 404-417. (In Russian).
Nartshuk, E.P. 1988. Acroceridae. In: Á. Soós (Ed.). *Catalogue of Palaearctic Diptera*, 5: 186-196. Budapest.
Weinberg, M. & Bächli, G. 1996. Acroceridae (Diptera) from Switzerland. *Trav. Mus. Hist. nat. Gr. Antipa*, 36: 259-263.
Weinberg, M. & Bächli, G. 1997. Faunistische und Taxonomie der Acroceriden (Diptera) der Schweiz. *Mitt. Schweiz. entomol. Ges.*, 70: 209-224.
Weinberg, M. & Bächli, G. 1998. Acroceridae. In: B. Merz et al. (Eds). *Fauna Helvetica 1. Checklist*: 168.

Received 10 November 1999