

Notes on taxonomy and nomenclature of Palaearctic Miridae (Heteroptera)

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Kerzhner, I.M. 1997. Notes on taxonomy and nomenclature of Palaearctic Miridae (Heteroptera). *Zoosystematica Rossica*, 5(2), 1996: 245-248.

The paper includes new synonymies, new combinations, and some notes on nomenclature of Palaearctic Miridae.

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Specimens used in this study are kept in the Zoological Institute, St.Petersburg (ZISP).

On some fixations of type species

Kerzhner (1993) stated that the type species of *Pachypterna*, *Cyphodema*, *Xenocoris*, *Auchenocrepis* and *Macrotylus* were fixed by subsequent monotypy. This statement is incorrect. According to the Art. 12b(6) of the International Code of Zoological Nomenclature, the names of respective type species became available simultaneously with the names of genera and hence these type species were fixed by monotypy.

Subfamily BRYOCORINAE

Michailocoris josifovi Stys, 1985 = *M. josifovi koreanus* Stys, 1985, *syn. n.* The species was described from the extreme south of the Primorsk Territory, its subspecies from environs of Pyongyang. Judging from the extensive additional material collected later from the Primorsk Terr., the differences between these nominal taxa are within the individual variability.

Tupiocoris annulifer (Lindberg, 1927), *comb. n.* (*Dicyphus*). The species was transferred by Kerzhner (1988a, 1988b) to *Neodicyphus* McGavin, 1982, the latter synonymized with *Tupiocoris* China & Carvalho, 1952 by Cassis (1986).

Subfamily DERAEOCORINAE

Stethoconus praefectus (Distant, 1909). Kerzhner (1970: fig. 11a, 11b) figured the male genitalia of a specimen from S China (Nanjing) as "*Stethoconus japonicus*". The specimen belongs actually to *S. praefectus*.

Deraeocoris subg. *Plexaris* Kirkaldy, 1902, *stat. n.* = subg. *Phaeocapsus* Wagner, 1963, *syn. n.* *Plexaris* was described as a genus, then placed in synonymy with *Camptobrochis*, which in turn was reduced to subgenus of *Deraeocoris*. The type species of

Plexaris, *P. saturnides* Kirkaldy, 1902, is a junior synonym of *Deraeocoris ostentans* (Stål, 1855). Linnavuori (1975) placed the latter species in the subgenus *Phaeocapsus*. Accordingly, *Plexaris* should be restored as a valid subgeneric name and *Phaeocapsus* synonymized with it.

Deraeocoris ater (Jakovlev, 1889) = *D. bicolor* Miyamoto & al., 1994, *syn. n.* The name given by Miyamoto & al. (1994) is a junior primary homonym of *D. ruber* var. *bicolor* Knight, 1921. The colour form described by them is known as var. *limbicollis* Reuter, 1901.

Deraeocoris ventralis megophthalmus Josifov & Kerzhner, 1972 = *D. (Knihtocapsus) izjaslavi* Miyamoto & al., 1994, *syn. n.* The species does not belong to the subgenus *Knihtocapsus*.

Deraeocoris ribauti Wagner, 1943 = ? *Capsus scutellaris* var. *marginiventris* Rey, 1894, *syn. n.* Rey (1894) described var. *marginiventris* without indication of locality, as he usually made for specimens from France; it may be presumed that the 3 females in his collection (one not labelled and two from France) are the true types. Wagner (1955) indicated in error that the variety was described from Serbia and suspected (Wagner, 1953) its synonymy with *Deraeocoris ventralis* Reuter. The latter is not found in France, thus synonymy with *D. ribauti* in which females have often red sides of abdomen seems more probable.

Subfamily MIRINAE

Myrmecoris gracilis (R.F. Sahlberg, 1848) = *M. rubricatus* Jakovlev, 1882, *syn. n.* Kerzhner (1962) downgraded *M. rubricatus* to subspecies of *M. gracilis*, but it is better to consider it as a pale variety.

Subfamily ORTHOTYLINAE

Heterotoma Lepelletier & Serville, 1825 = *Pachycera* Billberg, 1820 (*nomen oblitum*), *syn. n.* The type species of *Pachycera* by monotypy is *Cimex spissi-*