

**New combinations in the genus *Rosaphe* Kirkaldy et Edwards, 1902
(= *Astemma* auct., nec Le Peletier et Serville, 1825)
(Heteroptera: Largidae, Larginae)**

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STEHLÍK J. L. 2007: New combinations in the genus *Rosaphe* Kirkaldy et Edwards, 1902 (= *Astemma* auct., nec Le Peletier et Serville, 1825) (Heteroptera: Largidae, Larginae). *Acta Musei Moraviae, Scientiae biologicae* (Brno) 92: 111–113. – *Rosaphe* Kirkaldy et Edwards, 1902 is the valid name for *Astemma* auct., nec Le Peletier et Serville, 1825. The following new combinations for species assigned to date to *Astemma* are established: *Rosaphe amazonica* (Brailovsky et Barrera, 1993) comb.nov., *R. cornuta* (Le Peletier et Serville, 1825) comb.nov., *R. nigerrima* (Breddin, 1898) comb.nov., *R. nigrocapitata* (Brailovsky et Barrera, 1993) comb.nov., *R. pallidula* (Brailovsky et Barrera, 1993) comb.nov., *R. sanmartini* (Coscarón et Dellapé, 2006) comb.nov., and *R. stylophthalma* (Stål, 1870) comb.nov.

Key words. Heteroptera, Largidae, *Rosaphe*, *Astemma*, nomenclature

LE PELETIER & SERVILLE (1825) described the new genus *Astemma* based on three species but did not designate a type-species. According to the original description, these three species are not congeneric (*sic!*); they are: “*Div. 1 Lygaeus apterus* Fabr. 1803 (*Cimex apterus* L. 1758), *Lygaeus suturalis* Fabr. 1792 and *div. 2 Astemma cornuta* L. et S. 1825”. This situation gave rise to several divergent interpretations of this genus by later authors. Only KIRKALDY (1909) selected *Cimex apterus* Linnaeus, 1758 as the type-species of the genus *Astemma* Le Peletier et Serville, 1825 and, therefore, *Astemma* became a synonym of *Pyrrhocoris* Fallén, 1814. KIRKALDY & EDWARDS (1902) proposed the generic name *Rosaphe* for the species *A. cornuta* Le Peletier et Serville, 1825. This whole, rather complicated issue has been dealt with in detail and in an erudite way by CHINA (1954) and I therefore refer the reader to this work for more details. His study was also noticed and respected by KERZHNER (2001) in his catalogue of Palaearctic species of Pyrrhocoroidea and also by CASSIS & GROSS (2002) in the catalogue of Australian Pentatomomorpha.

However, the new combinations of species names originally assigned to *Astemma* auct., nec Le Peletier et Serville, 1825 with *Rosaphe* were never established, and some authors (BRAILOVSKY & BARRERA 1993, COSCARÓN & DELLAPÉ 2006) have continued to use the name *Astemma* instead of *Rosaphe*. *Rosaphe* is a genus of the subfamily Larginae including some large species with an even more conspicuous shape of head with strong, long, dorso-laterally protruding eye sockets (Fig. 1).

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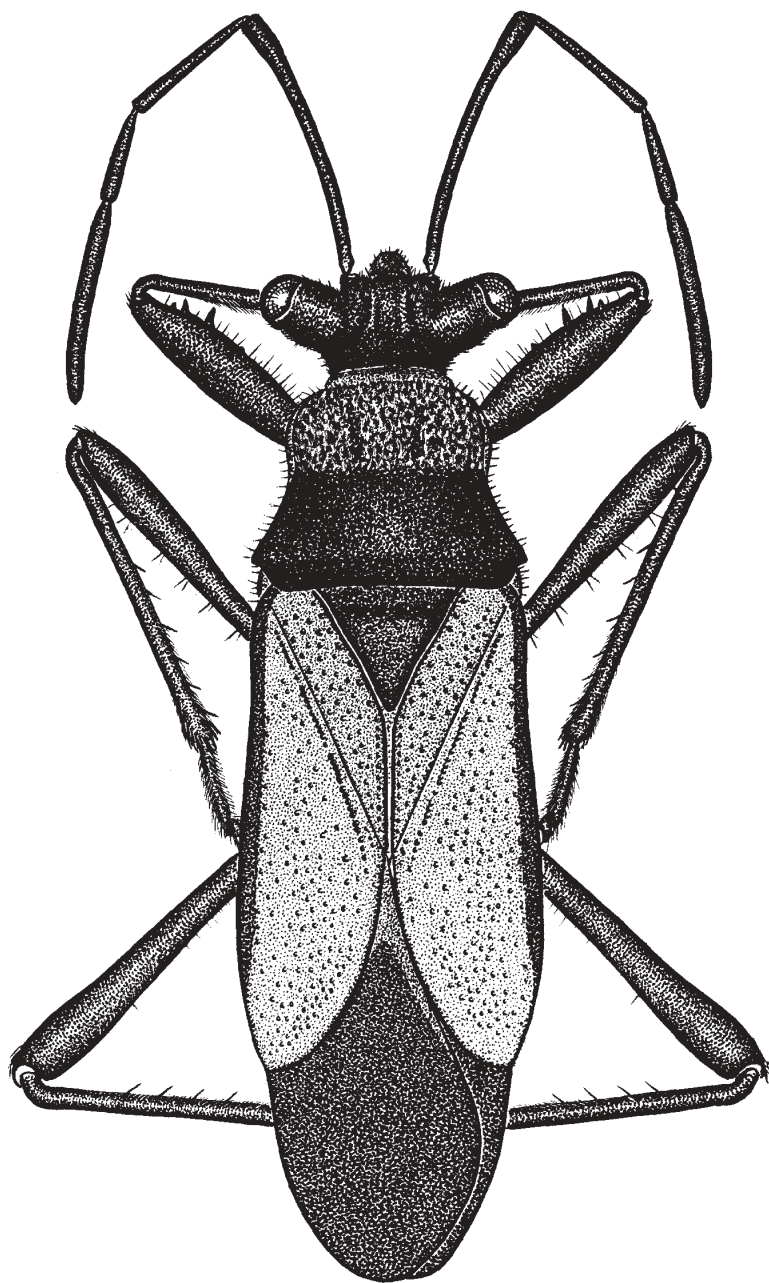


Fig. 1. *Rosaphe amazonica* (Brailovsky et Barrera, 1993). (Orig. J. L. Stehlik.)

The resulting new combinations are listed below:

- Rosaphe amazonica* (Brailovsky et Barrera, 1993) **comb.nov.**
Rosaphe cornuta (Le Peletier et Serville, 1825) **comb.nov.**
Rosaphe nigerrima (Breddin, 1898) **comb.nov.**
Rosaphe nigrocapitata (Brailovsky et Barrera, 1993) **comb.nov.**
Rosaphe pallidula (Brailovsky et Barrera, 1993) **comb.nov.**
Rosaphe sanmartini (Coscarón et Dellapé, 2006) **comb.nov.**
Rosaphe stylophthalma (Stål, 1870) **comb.nov.**

References

- BRAILOVSKY H. & BARRERA E. 1993: El genero *Astemma* con descripción de especies nuevas (Hemiptera-Heteroptera-Largidae). *Anales del Instituto de Biología Universidad Nacional Autónoma de México, Serie Zoológica* **64**: 39–47.
- CASSIS G. & GROSS G. F. 2002: Hemiptera: Heteroptera (Pentatomomorpha). In: HOUSTON W. W. K. & WELLS A. (eds). *Zoological Catalogue of Australia. Vol. 27.3B*. CSIRO Publishing, Melbourne, 737 pp.
- CHINA W. E. (1954): Notes on the nomenclature of the Pyrrhocoridae. *Entomologist's Monthly Magazine* **90**: 188–189.
- COSCARÓN M. C. & DELLAPÉ P. M. 2006: A new species of *Astemma* from Argentina (Heteroptera: Largidae: Larginae). *Transactions of the American Entomological Society* **132**: 99–102.
- KIRKALDY G. W. (1909): Hemiptera: New and old. No. 2. *Canadian Entomologist* **41**: 388–392.
- KIRKALDY G. W. & EDWARDS S. 1902: Anmerkungen über bemerkenswerte Pyrrhocoriden (Rynchota). *Wiener Entomologische Zeitung* **21**: 161–172, 1 Tab.
- KERZHNER I. M. 2001: Superfamily Pyrrhocoroidea Amyot & Serville, 1843, pp. 245–258. In: AUKEMA B. & RIEGER C. (eds): *Catalogue of the Heteroptera of the Palaearctic Region. Vol. IV. Pentatomomorpha I*. The Netherlands Entomological Society, Amsterdam, xiv + 439 pp.
- LE PELETIER A. L. M. & SERVILLE J. G. A. 1825: Hemiptera Heteroptera. In: OLIVIER G. A. (ed.): *Encyclopédie Méthodique*. Agasse, Paris, **10**: 1–833.