

On some Italian Miridae described by E. Wagner (Heteroptera)

F. Faraci & I.M. Kerzhner

Faraci, F. & Kerzhner, I.M. 1997. On some Italian Miridae described by E. Wagner (Heteroptera). *Zoosystematica Rossica*, 5(2), 1996: 236.

Plagiognathus servadeii Wagner is a junior synonym of *Europiella artemisiae* (Becker) (new synonymy). The holotype of *Orthotylus caprai* Wagner and a paratype of *Phytocoris tiliae denigratus* Wagner are kept in the Museo Civico di Storia Naturale di Verona, while the holotype of the latter taxon is not located.

F. Faraci, via Carducci 3, I-37011 Bardolino (VR), Italy.

I.M. Kerzhner, Zoological Institute, Russian Academy of Sciences, Universitetskaya nab. 1, St.Petersburg 199034, Russia.

The following abbreviations for museums are used in this paper: MSNV – Museo Civico di Storia Naturale di Verona (A. Servadei's collection); ZMH – Zoologisches Institut und Museum der Universität von Hamburg (E. Wagner's collection).

Europiella artemisiae (Becker, 1864) = *Plagiognathus (Poliopterus) servadeii* Wagner, 1972, *syn. n.* Wagner (1972) described *P. servadeii* from 2 ♂ collected in Italy. Schuh et al. (1995) placed *Poliopterus* in synonymy with *Europiella*, but were unable to conclude on the generic position of *P. servadeii* because Wagner's figure of the right paramere differed from the typical of *Europiella*. The paratype of *P. servadeii* (MSNV) was examined by F. Faraci. It is apparently the paler specimen mentioned by Wagner; the body is brown, not black; antennae are missing. The Wagner's figures of the male genitalia were incorrect; as a matter of fact the right paramere and vesica are as in *E. artemisiae* Becker (Wagner & Weber, 1964, Fig. 229b ("*albipennis*"); Schuh et al., 1995, Fig. 15). The holotype of *P. servadeii* (ZMH), apparently the darker specimen from which the original description was made, was not examined by us, but of the three European species having pale tibiae with black spots only *E. artemisiae* has a very dark form (var. *obscura* J. Sahlb.) fitting the original description of *P. servadeii*. It follows that *F. servadeii* should be added to synonyms of *E. artemisiae*.

Orthotylus caprai Wagner, 1955. Wagner (1955b) described *O. caprai* from 1 ♂ in Servadei's collection: Sardinia, Sassari, 1.VII.1950, leg. Servadei. A male in MSNV with dissected genitalia matching the above collecting data is labelled "*Orthotylus* nov. spec. [in Wagner's handwriting] Ed. Wagner det. 1954" without indication of the species name or the type status. It is undoubtedly the holotype of *O. caprai* and was accordingly labelled by F. Faraci.

Phytocoris tiliae denigratus Wagner, 1955. Wagner (1955a) described this subspecies from 4 specimens: 1 ♂ (holotype) from Torino and 1 ♂ and 2 ♀ (allotype and 2 paratypes) from Foresta Umbra. Wagner stated that the holotype and a paratype were in Servadei's collection (now in MSNV) and the allotype is in his collection (now in ZMH). Actually, the allotype and one male paratype are in ZMH (Ribes &

Goula, 1986; H. Strümpel, pers. comm.). One female paratype labelled "PUGLIE, Foresta Umbra, I-VIII-1954, leg. A. Servadei", "PARATYPOID, *Ph. tiliae denigratus* n. sbsp. E. Wagner det." (pink label), is in MSNV. The holotype has not been located yet.

The holotype of *O. caprai* and the paratype of *P. t. denigratus* should be added to the list of Heteroptera types in MSNV (Faraci & Rizzotti Vlach, 1992).

Acknowledgements

We are grateful to Dr H. Strümpel (Hamburg) for information on types and to Dr L. Sorbini (Verona) for kind permission to work with Servadei's collection.

References

- Faraci, F. & Rizzotti Vlach, M. 1992. Le collezioni di Eterotteri conservate nel Museo Civico di Storia Naturale di Verona (Heteroptera). *Boll. Soc. entomol. ital.*, 124: 104-114.
- Ribes, J. & Goula, M. 1986. Dr. E. Wagner's entomological collection: Miridae (Insecta, Heteroptera) preserved in the Zoological Museum Hamburg (FRG). *Mitt. hamb. zool. Mus. Inst.*, 8: 243-335.
- Schuh, R.T., Lindskog, P. & Kerzhner, I.M. 1995. *Europiella* Reuter (Heteroptera: Miridae): recognition as a Holarctic group, notes on synonymy, and description of a new species, *Europiella carvalhoi*, from North America. *Proc. entomol. Soc. Wash.*, 97: 379-395.
- Wagner, E. 1955a. Eine wichtige Form von *Phytocoris tiliae* F. (Hem. Het. Miridae). *Boll. Soc. entomol. ital.*, 85: 44-46.
- Wagner, E. 1955b. Eine neue *Orthotylus*-Art von der Insel Sardinien (Hem. Het. Miridae). *Boll. Soc. entomol. ital.*, 85: 92-93.
- Wagner, E. 1972. Zwei neue Phylinae aus Italien (Hemiptera Heteroptera Miridae). *Boll. Soc. entomol. ital.*, 104: 111-113.
- Wagner, E. & Weber, H.H. 1964. Hétéroptères Miridae. *Faune de France*, 67: 1-591.

Received 30 April 1997