

ON SOME TYPES OF *HETEROPTERA PENTATOMIDAE* PRESERVED IN THE M.N.H.N., PARIS

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RÉSUMÉ

La présente note concerne l'étude des types de *Pentatomides* décrits par FABRICIUS (1803), BLANCHARD (1841), AMYOT & SERVILLE (1843), FALLOU (1887) et BERGROTH (1891) conservés au Muséum National d'Histoire Naturelle (M.N.H.N.) à Paris. On a désigné les lectotypes de trois espèces ; deux nouvelles combinaisons et une réhabilitation sont proposées.

Mots-clés : *Heteroptera*, *Pentatomidae*, Lectotypes, nouvelles combinaisons, M.N.H.N., Paris, France.

On a recent trip to Paris I was fortunate to locate some types of *Pentatominae* and *Discocephalinae* kept in Fallou's and Amyot & Serville's collections at the Entomology Laboratory of the « Muséum National d'Histoire Naturelle ».

The types of *Euschistus truncatus* FALLOU, 1887, and *Brochymena gibbosa* FALLOU, 1889 were missing from boxes « 15 bis » and « 12 », where the appropriate labels indicated where they had once been kept.

For each species, listed in alphabetical order under the heading of its respective collection, the following data is provided : original name, with author, date of work and page reference ; valid name ; synonymies ; data found on labels ; number of respective box.

I am grateful to Prof. Dr. J. Carayon, and Mme D. Pluot-Sigwalt for the loaning of the type material from Paris. I am also thankful to Dr. H. Schroeder (Senkenberg Museum) ; Dr. P. I. Persson and Dr. P. Lindskog (Stockholm Museum), for the loaning of type specimens examined here. I consider myself also in great debt to Dr. W. R. Dolling for his constant help and counsel in providing informations on types and labels.

FALLOU COLLECTION

Empicoris hiulcus Bergroth, 1891 : 221.

= *Dinocoris lineatus* (Dallas, 1852) (see BECKER & GRAZIA, 1985) Holotype female : (a) « Brésil ». BOX 12.

Euschistus planicornis Fallou, 1887 : 36.

= *E. anticus* STÅL, 1860, fide BERGROTH, 1892.

= *E. legionarius* ; ROLSTON, 1978a nec BREDDIN, 1914.

Male : (a) « Brésil ». BOX 15 bis, here designated *LECTOTYPE* ; *PARALECTOTYPES* : 2 males and 2 females, with the same data on the labels.

— *Comments* : the genitalia of the lectotype and paralectotype are shown in figures 1 to 3. The lectotype is conspecific with *E. anticus* examined at Stockholm Museum. The drawing of the male genitalia shown in ROLSTON (1978a) as representing *E. legionarius* BREDDIN is actually of a specimen of *E. anticus* as it can be easily seen by comparing it with the drawing of the lectotype of *E. legionarius*, lent to me by the Senkenberg Museum (figs. 4-5). « *Euschistus anticus* Rolston, 1978a » is actually a new species which will be described elsewhere.

***Euschistus sharpi* Bergroth, 1891 : 223-224.**

Holotype female : (a) « Brésil ». BOX 15 bis.

***Mormidea tristis* Bergroth, 1891 : 221-222.**

= *M. v-lutea* (Lichtenstein, 1796), *fide* ROLSTON (1978b).

Holotype female : (a) « Brésil ». BOX 15 bis.

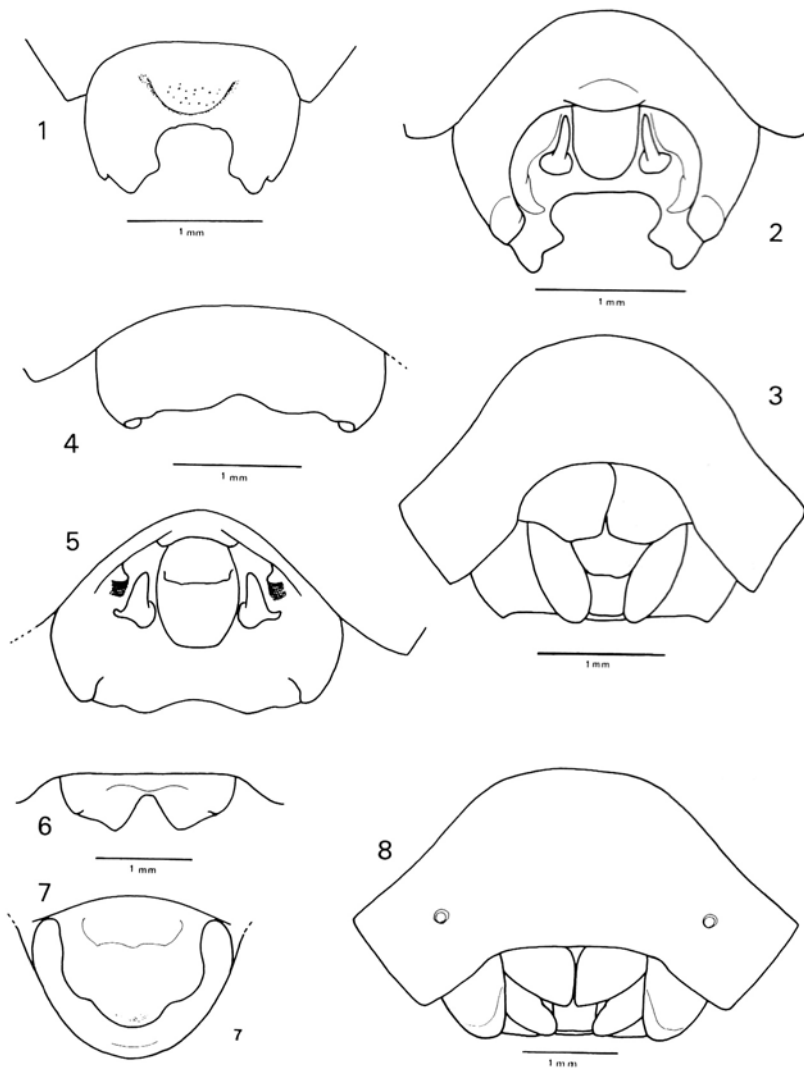


Fig. 1-3. — *Euschistus planicornis* Fallou, 1887. — 1, Lectotype, ventral view of pygophore. — 2, Lectotype, dorsal view of pygophore. — 3, Paralectotype, ventral view of genital plates.

Fig. 4-5. — *Euschistus legionarius* Breddin, 1914. — 4, Lectotype, ventral view of pygophore. — 5, Lectotype, dorsal view of pygophore.

Fig. 6-8. — *Arocera splendens* (Blanchard, 1841). — 6, Lectotype, ventral view of pygophore. — 7, Lectotype, caudal view of pygophore. — 8, Paralectotype, ventral view of genital plates.

Nezara expalescens Bergroth, 1891 : 226-227.

= *Banasa expalescens* NEW COMBINATION

Holotype male : (a) « Ocana ». BOX 19.

Nezara hebes Bergroth, 1891 : 227.

= *Piezodorus guildinii* (Westwood, 1837), *fide* ROLSTON (1983)

Holotype female : (a) « Brésil ». BOX 19.

Padaeus pseudocylax Bergroth, 1891 : 225.

= *Caonabo pseudocylax*, NEW COMBINATION

Holotype male : (a) « Brésil ». BOX 15.

— *Comments* : the holotype displays the diagnostic characters used by ROLSTON (1974) to establish the genus *Caonabo*.

Thyanta humilis Bergroth, 1891 : 225-226.

Male : (a) « Brésil ». BOX 17, here designated *LECTOTYPE* ; *PARALECTOTYPE* : one specimen without abdomen, with same data on the labels.

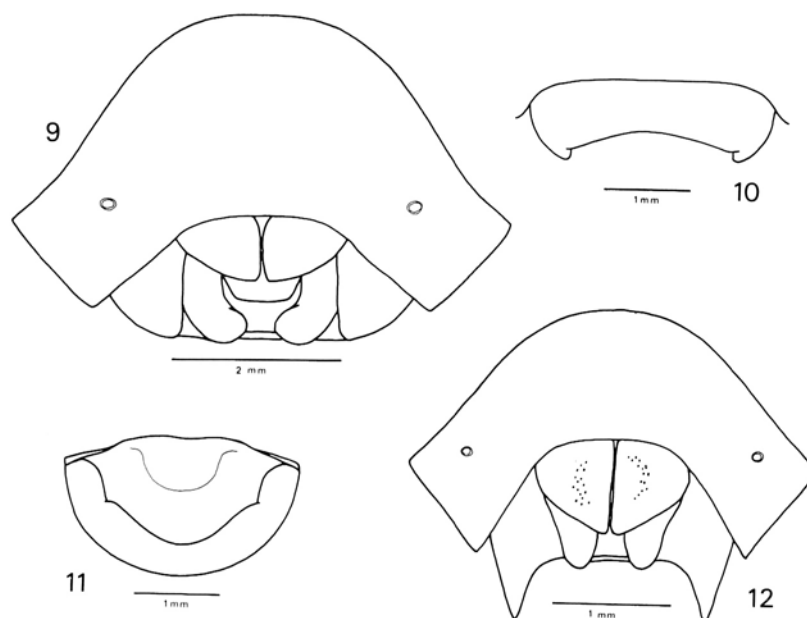


Fig. 9-11. — *Arocera principalis* (Stål, 1855). — 9, ventral view of pygophore. — 10, caudal view of pygophore. — 11, ventral view of genital plates.

Fig. 12. — *Dichelops (Dichelops) furcifrons* (Amyot & Serville, 1843). — 12, Holotype, ventral view of genital plates.

AMYOT & SERVILLE COLLECTION

Cimex typhoeus Fabricius, 1803 : 162-34.

= *Oebalus pugnax* (Fabricius, 1775), *fide* STÅL (1872) (See also ZIMSEN, 1964).

Galedanta bituberculata Amyot & Serville, 1843 : 136.

Holotype female : (a) « 2791.36 » (b) « taurus Fab. ». BOX 19. (See GRAZIA, 1981).

Pentatoma splendens Blanchard, 1841 : 148.

= *Arocera splendens* Stål (1862).

Male : (a) « Lebas. Colombie. 1830 » (b) « *Pentatoma splendens* Blanchard » (c) « *Aglonasthes* », here designated *LECTOTYPE* ; *PARALECTOTYPE* : female (a) « Lebas. Colombie. 1830 » (b) « *Aglonasthes* Amyot. — *splendens* Blanch. — Colombia ». BOX 15.

— *Comments* : STÅL (1855) described *Pentatoma principalis* from Mexico, and, in 1862 transferred this species and *P. splendens* to *Arocera* Spinola ; in 1872 STÅL considered *A. principalis* a junior synonym of *A. splendens*. Comparing the genitalia of the type specimens of *A. principalis* and *A. splendens* I was led to believe that *A. principalis* is a valid species (Figs. 6-11).

***Zalega furcifrons* Amyot & Serville, 1843 : 139.**

= *Dichelops* (*Dichelops*) *furcifrons*

Holotype female : (a) « *Zalega* Amyot - *furcifrons* Am. Serv. 139 — Cajena ». BOX 20.

— *Comments* : GRAZIA (1978) listed it under « Incertae sedis ». After seeing the type specimen, I am convinced that it belongs in the subgenus *Dichelops*. As in the *D. nigrum* Bergroth, 1914, the humeral angles of *D. furcifrons* are well projected, but the genital plates (specially gonocoxites 8) of the females are sufficiently distinct to grant them specific status (Fig. 12).

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