

NOMENCLATURAL CHANGES IN THE PENTATOMIDAE (HEMIPTERA-HETEROPTERA)

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Abstract.—Numerous nomenclatural problems in the Pentatomidae (Heteroptera) are discussed and corrected. These corrections have necessitated one generic replacement name, *Keleacoris* for *Kelea* Schouteden, 1958, and seven specific replacement names: *Aelia chinensis* for *A. bifida* Hsiao and Cheng, 1978; *Aeliomorpha viridescens* for *A. viridis* Azim and Shafee, 1987; *Antestia dollingi* for *A. adspersa* (Fabricius, 1803); *Dictyotus walkeri* for *D. aequalis* (Walker, 1867); *Holcostethus mcdonaldi* for *H. piceus* (Dallas, 1851); *Menida signoreti* for *M. parvula* (Signoret, 1858); and *Sciocoris sahelensis* for *S. australis* Linnauvori, 1975. Ten new combinations are also recognized: *Basicryptus costalis ugandana* (Linnauvori, 1982), *B. striatus* (Linnauvori, 1982), *B. upembanus* (Linnauvori, 1982), *Dalsira dallasi* (Schouteden, 1912), *D. kocki* (Schouteden, 1962), *D. mabokeana* (Linnauvori, 1982), *D. mulunguana* (Linnauvori, 1982), *D. niemboana* (Linnauvori, 1982), *Keleacoris congoensis* (Distant, 1910), and *Stalius castaneus* (Distant, 1893). One new generic synonym is proposed: *Paposia* China, 1962 as a junior synonym of *Trincavellius* Distant, 1900b.

Key Words: Pentatomidae, Heteroptera, nomenclature, systematics

While preparing a catalog of the Pentatomidae of the world, we have discovered a number of nomenclatural problems that need to be corrected. We wish to keep the number of taxonomic changes in the catalog to a minimum, so these corrections are made herein, prior to the publication of the catalog.

I. ASOPINAE

Oplomus festivus Dallas, 1851

Pentatoma marginalis Westwood, 1837: 37.

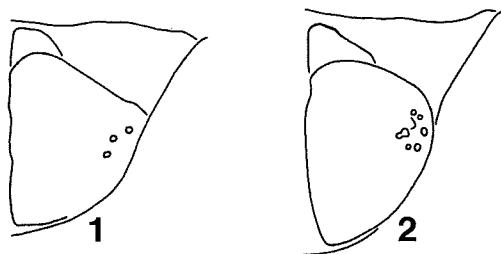
[not Herrich-Schäffer, 1836, *Roferta*, (Pentatominae)]

Oplomus marginalis: Dallas, 1851: 83; Thomas, 1992: 54, 60-61.

Oplomus rutilis Dallas, 1851: 83-84.

Oplomus festivus Dallas, 1851: 85.

Herrich-Schäffer's *Pentatoma marginale* predates Westwood's usage of the binomen by a year. *Pentatoma marginale* Herrich-Schäffer has at one time or another been placed in the following genera: *Raphigaster* Laporte, *Strachia* Hahn, *Nezara* Amyot and Serville, and *Acrosternum* Fieber, and is currently a valid species in the genus *Roferta* Rolston. See Rolston and McDonald (1981) for the complete synonymy of *Roferta marginalis*. Nine different junior synonyms of *P. marginale* Westwood are available, the oldest being *Oplomus rutilis* Dallas, 1851: 83-84, and *O. festivus* Dallas, 1851: 85. There has been some confusion surrounding the name *rutilis*; the main source of which stems from the female type specimen. The type specimen of *festivus* is



Figs. 1–2. Right genital plates, caudo-ventro-lateral view. 1, *Stalius castaneus* (Distant). 2, *Stalius tartareus* (Stål).

a male, and there has been no problems associated with the identity of this taxon. Therefore, we select *Oplomus festivus* Dallas, 1851, as the replacement name for *Pentatomia marginale* Westwood, 1837.

II. DISCOCEPHALINAE: OCHLERINI

Stalius castaneus (Distant, 1893), NEW COMBINATION

Melanodermus castaneus Distant, 1893: 455.

This species was omitted from the junior author's (Rolston 1992) revision of Ochlerini. The species is known only from the female holotype, which was collected in Nicaragua. It is morphologically similar to *Stalius tartareus* (Stål) excepting the form of the basal plates, and these differ considerably (Figs. 1–2).

III. PENTATOMINAE

Aelia chinensis, NEW NAME

Aelia bifida Hsiao and Cheng, 1978: 326, 327, 328, figs. 4, 5, 10, 13. [not Costa, 1847, *Neottiglossa*]

Costa (1847) described, as *Aelia bifida*, a relatively common circum-Mediterranean species now in the genus *Neottiglossa* Kirby. The primary homonymy resulting from Hsiao and Cheng's (1978) description of *Aelia bifida* as a new species necessitates the above replacement name. *Aelia chinensis* occurs in China and Inner Mongolia.

Aeliomorpha viridescens, NEW NAME

Aeliomorpha (Distantiella) viridis Azim and Shafee, 1987: 422–424, figs. E–H. [not Reuter, 1887, *Aeliomorpha*]

Reuter (1887) described *Aeliomorpha viridis* from Madagascar. Although Azim and Shafee (1987) placed their Indian *A. viridis* in a different subgenus, it is still a primary homonym and requires a replacement name.

Amyntor unicolor (Walker, 1867), REVISED STATUS

Halys (Dichelops) obscura Dallas, 1849: 188, pl. 19 fig. 3. [not Westwood, 1837, *Sarju*; not Herrich-Schäffer, 1839, *Brochymena parva*]

Amyntor obscurus: Stål, 1867: 519; Stål, 1876: 107; Atkinson, 1888b: 154; Lethierry and Severin, 1893: 183; Distant, 1902: 144–145, fig. 85; Kirkaldy, 1909: 147; Zhang, 1985: 80–81, pl. 42 fig. 122; Hua, 1989: 43.

Bolaca unicolor Walker, 1867: 251; Atkinson, 1888a: 70; Lethierry and Severin, 1893: 161.

Amyntor unicolor: Distant, 1900a: 425, 431.

The binomen, *Halys obscura*, has been used on at least three separate occasions to represent three different species. Westwood (1837) first used the name for a species now contained in the halyine genus *Sarju*. The second species, described by Herrich-Schäffer (1839), now belongs in the halyine genus *Brochymena*, and was given the new name *B. parva* by Ruckes (1947). Finally, Dallas (1849) used *Halys obscura* to represent a species now residing in the genus *Amyntor*. The next available name is *unicolor* Walker, 1867; the proper combination, *Amyntor unicolor*, has been used only once (Distant 1900a).

Antestia dollingi, NEW NAME

Cimex adspersus Fabricius, 1803: 175. [not Thunberg, 1784: 53, Coreidae]

Antestia adspersa: Stål, 1868: 34.

Thunberg's (1784) usage of the binomen *Cimex adspersus* easily predates Fabricius' (1803) usage. *Cimex adspersus* Thunberg is probably a member of the family Coreidae. There are no currently known junior synonyms of *Cimex adspersus* Fabricius, 1803.

***Berecynthus hastator* (Fabricius, 1798),
REVISED STATUS**

Cimex delirator Fabricius, 1794: 103. [not Fabricius, 1787, Coreidae]

Cimex hastator Fabricius, 1798: 532.

Berecynthus delirator: Stål, 1868: 26.

Fabricius described two different species under the binomen *Cimex delirator*. The first (1787) is a member of the family Coreidae and a junior synonym of *Zicca nigropunctata* (DeGeer); the second (1794) is a neotropical pentatomid. The next available name for this neotropical pentatomid is *Cimex hastator* Fabricius, 1798.

Cosmopepla lintneriana Kirkaldy, 1909

Cimex carnifex Fabricius, 1798: 535; Coquebert, 1801: 81; Fabricius, 1803: 117. [not Fabricius, 1775, Lygaeidae]

Pentatoma bimaculata Thomas, 1865: 455. [not Montrouzier, 1855: 98, *Hyrmine*]

Cosmopepla lintneriana Kirkaldy, 1909: 80 [New name for *Pentatoma bimaculata* Thomas, 1865]; McDonald, 1986: 4, 5, figs. 15–27.

Cosmopepla bimaculata: Van Duzee, 1917: 49; Stoner, 1920: 96–97; Blatchley, 1926: 152–153; Leonard, 1928: 82; McDonald, 1966: 25, 51; McPherson, 1982: 73–74; Froeschner, 1988: 574.

Kirkaldy (1909) considered the name *Pentatoma bimaculata* Thomas, 1865, to be preoccupied, but did not indicate the older synonym. He proposed the new name *Cosmopepla lintneriana*. No one followed Kirkaldy's recommendation except McDonald (1986) who indicated that *P. bimaculata* Thomas, 1865, was preoccupied by *P. bimaculata* Westwood, 1837: 8, 35. Froeschner (1988) argued correctly that *P. bimaculata* Westwood, 1837, was in fact a no-

men nudum. However, Montrouzier (1855) (see *Hyrmine sexpunctata bimaculata*, below) also described a *P. bimaculata*, predating Thomas' description by ten years. The next available name for *Cimex carnifex* Fabricius, 1798, is *Cosmopepla lintneriana* as was proposed by Kirkaldy (1909).

***Dictyotus walkeri*, NEW NAME**

Pentatoma aequalis Walker, 1867: 310–311. [not Say, 1831, *Hymenarcys aequalis*]

Dictyotus aequalis: Distant, 1900a: 388.

Say (1831) described as *Pentatoma aequalis* a North American species currently in the genus *Hymenarcys* Amyot and Serville. Later, Walker (1867) also described as *P. aequalis* an Australian species now placed in the genus *Dictyotus* Dallas. There is no recognized junior synonym of Walker's binomen to serve as the valid name. We therefore propose *Dictyotus walkeri*, new name, for *Pentatoma aequalis* Walker.

***Halyomorpha hasani*, NEW NAME**

Halyomorpha punctata Hasan, 1993: 210, 214–215, figs. 5A–H. [not Cachan, 1952, *Halyomorpha*]

Cachan (1952) described as *Halyomorpha punctata* a Madagascan species which is still regarded as a valid species in *Halyomorpha* Mayr. Hasan (1993) apparently overlooked this earlier description in describing his new species, *Halyomorpha punctata*; thus necessitating the above new name.

***Holcostethus* Fieber, 1860**

Holcostethus Fieber, 1860: 79 [nomen nudum]; Fieber, 1861: 333.

Peribalus Mulsant and Rey, 1866: 237, 262.

Dryocoris Mulsant and Rey, 1866: 237, 267.

Ribes and Schmitz (1992) recently divided the well-known genus *Holcostethus* Fieber into two genera, based primarily on the

length and shape of the juga. Those species in which the juga do not meet in front of the tylus were retained in *Holcostethus*, while the remaining species were placed in *Dryocoris* Mulsant and Rey. Not only is the use of the generic name *Dryocoris* in error, but we also believe there is little merit in splitting the genus based upon the form of the juga.

Dryocoris was first proposed by Amyot (1845) in his monomial system to represent the single species, *Cimex sphacelatus* Fabricius, 1794. Ribes and Schmitz (1992) were mistaken in their claim that Amyot (1845) initially included three species in *Dryocoris*. Included within the synonymy of *Dryocoris* were *sphacelatus* Fabricius, 1794; *vernalis* Wolff?, 1804; and *baccarum* Amyot and Serville, 1843. Amyot (1845) tentatively (note question mark) placed *vernalis* as a junior synonym of *sphacelatus*, and *baccarum* Amyot and Serville is not an original description. The inclusion of *baccarum* Amyot and Serville indicates that Amyot believed Amyot and Serville had misidentified the true *baccarum* Linnaeus, 1758 (a member of the genus *Dolycoris*). One problem lies in the fact that apparently Amyot (1845) based his *Dryocoris* on a misidentified type species. He states that *Dryocoris* is similar to *Pentatoma* Olivier, except that the head is larger and more rounded, and the lateral lobes meet beyond the median lobe. The true *sphacelatus* has the jugal lobes shorter, not meeting beyond the tylus. At any rate, this initial use of *Dryocoris* is invalid because the entire work (Amyot 1845) has been officially placed upon the list of rejected works because it is largely monomial.

The first valid use of *Dryocoris* in a binomial is generally credited to Mulsant and Rey (1866), who used the name in place of *Holcostethus* Fieber, 1861, apparently recognizing Amyot's prior use of *Dryocoris*. Mulsant and Rey (1866) followed Amyot (1845) in including only one species within *Dryocoris*, that being *Cimex sphacelatus* Fabricius, 1794. *Dryocoris* should be cred-

ited to Mulsant and Rey, 1866, with *Cimex sphacelatus* Fabricius, 1794, the type species by monotypy.

Holcostethus was first described by Fieber in 1860 when it was included in a key to genera; no species were included, however, so this use is a *nomen nudum*. He re-described *Holcostethus* in 1861, and included three species: *jani* Fieber, *sphacelatus* (Fabricius), and *congenor* Fieber. Although he (1861) did not designate a type species for *Holcostethus*, Mulsant and Rey (1866) effectively fixed the type for both *Dryocoris* and *Holcostethus* when they treated the two names as synonyms, and included only *sphacelatus* within *Dryocoris*. Most recent workers have considered *sphacelatus* as the type species of *Holcostethus* (Kirkaldy 1909, McDonald 1974, Froeschner, 1988). *Dryocoris* is a junior synonym of *Holcostethus*.

Mulsant and Rey (1866) also described *Peribalus*, placing in it three species: *Cimex vernalis* Wolff, *Cimex distinctus* Fieber, and *Pentatoma inclusus* Dohrn. Stål (1872a) considered *Dryocoris* to be a junior synonym of *Peribalus*. This has led most recent workers to consider both *Dryocoris* and *Peribalus* as junior synonyms of *Holcostethus*. Kirkaldy (1909) fixed *vernalis* as the type species of *Peribalus*.

If *Holcostethus* is divided into two genera, based on the form of the juga, *Peribalus* should be used for those species in which the juga are contiguous anterior to the tylus. We believe, however, that the generic separation based upon this character is unwarranted. The form of the juga in some species is quite variable with different individuals exhibiting either character state. *Holcostethus* should remain as the valid name for the genus with *Dryocoris* and *Peribalus* as junior synonyms.

Holcostethus macdonaldi, NEW NAME

Pentatoma picea Dallas, 1851: 236. [not Palisot de Beauvois, 1817, *Antiteuchus*, (Discocephalinae)]

Peribalus piceus: Uhler, 1886: 7; Gillette

and Baker, 1895: 16; Van Duzee, 1904: 34; Van Duzee, 1917: 33; Blatchley, 1926: 106.

Holcostethus piceus: Kirkaldy, 1909: 48; McDonald, 1974: 247, 252, figs. 36–43; McDonald, 1982: 5; McPherson, 1982: 48, 50; Froeschner, 1988: 581–582.

Pentatoma picea Palisot de Beauvois, 1817, easily predates Dallas's usage of the name. Palisot de Beauvois's species is a valid species in the discocephaline genus *Antiteuchus* Dallas. There is no available junior synonym for *P. picea* Dallas, 1851; therefore, we propose *Holcostethus macdonaldi*, new name.

Hyrmine sexpunctata bimaculata
(Montrouzier, 1855)

Pentatoma bimaculatum Montrouzier, 1855: 98.

Hyrmine 6-punctata var. *montrouzierana* Kirkaldy, 1909: 115. [Unnecessary new name for *Pentatoma bimaculatum* Montrouzier, 1855]

Kirkaldy (1909) apparently believed *Pentatoma bimaculatum* Montrouzier, 1855 to be preoccupied by *P. bimaculata* Westwood (1837). As Froeschner (1988) argued, *P. bimaculata* Westwood, 1837, is a *nomen nudum* appearing in a list on page 8, and a simple note that it should be deleted as a variety of *P. obscurus* [the preceding species] on page 35.

Keleacoris, NEW NAME

Kelea Schouteden, 1958: 128–130; Linnauori, 1982: 153. [not Merrem, 1818, Aves]

Schouteden's (1958) usage of the generic name *Kelea* is preoccupied by the Avian genus *Kelea* Merrem, 1818. There is no available junior synonym, therefore we propose *Keleacoris*, new name. *Keleacoris* is currently monotypic, containing only *K. congolensis* (Distant, 1910), new combination.

Menida signoreti, NEW NAME

Rhaphigaster parvulus Signoret, 1858: 289. [not Dallas, 1851, *Acrosternum*]

Antestia parvula: Stål, 1865: 211; Walker, 1867: 281.

Menida parvula: Stål, 1876: 99; Lethierry and Severin, 1893: 174; Kirkaldy, 1909: 133; Linnauori, 1982: 158, 160, figs. 258e, f, 261c; Linnauori, 1986: 131, 135, figs. 5a, 12c–f, 13a–f.

Eurymenida parvula: Ahmad and Mohammad, 1982: 12.

Dallas (1851) described *Rhaphigaster parvulus*, which now belongs in the genus *Acrosternum*. Thomas and Yonke (1990) speculated that it may actually be a synonym of the African species, *A. heegeri* Fieber. Because there are no available junior synonyms for *R. parvulus* Signoret, 1858, we propose *Menida signoreti* as a replacement name. *Menida signoreti* is distributed in the tropical areas of west Africa (Cameroon, Guinea, Liberia, Ivory Coast, Nigeria).

Neococalus germari, NEW NAME

Cimex leucogrammus Germar, 1838: 179–180. [not Gmelin, 1790: 2131, *Ancyrosoma* (Podopinae); not Gmelin, 1790: 2165, Miridae]

Sciocoris leucogrammus: Herrich-Schäffer, 1844: 788–89, fig. 756; Dallas, 1851: 134; Walker, 1867: 174.

Cocalus leucogrammus: Stål, 1861: 200; Stål, 1865: 119–120; Stål, 1876: 54; Reuter, 1884: 6; Lethierry & Severin, 1893: 11; Distant, 1898: 316; Distant, 1901: 25; Schouteden, 1910: 80; Schouteden, 1912: 107; Villiers, 1952: 303; Villiers, 1954: 916.

Neococalus leucogrammus: Linnauori, 1975: 31, 32, figs. 14c, 17bd; Linnauori, 1982: 75, figs. 85b, 86d.

Gmelin (1790) actually used the binomen *Cimex leucogrammus* twice in his 13th edition of *Systema Naturae*. First, he proposed *Cimex leucogrammes* as a replacement

name for *Cimex albolineatus* Fabricius, 1781, which was preoccupied by *Cimex albolineatus* Goeze, 1778. Goeze's taxon is now a species in the Miridae; Fabricius' and Gmelin's taxon is a member of the podopine genus *Ancyrosoma* Amyot & Serville. Second, he used *Cimex leucogrammus* as the name for a new species of Miridae. Germar (1838) was apparently unaware of Gmelin's earlier uses of this binomen.

Distant (1898) placed *Sciocoris clausus* Walker, 1867, in the synonymy of *Neocallus leucogrammus*. All modern workers, however, have considered *N. clausus* and *N. leucogrammus* as distinct species (Leston 1952, 1953, Schouteden 1957, 1963, Linnauori 1975, 1982). There are no other known junior synonyms of *N. leucogrammus*, thus necessitating the above new name.

Piezodorus flavulus (Stål, 1853), REVISED STATUS

Cimex pallescens Germar, 1838: 175. [not Gmelin, 1790, Miridae; not Donovan, 1794, Miridae]

Rhaphigaster pallescens: Herrich-Schäffer, 1845: 7, 11–12; Walker, 1867: 363.

Rhaphigaster flavulus Stål, 1853: 221.

Nezara (*Piezodorus*) *pallescens*: Stål, 1865: 198.

Piezodorus pallescens: Stål, 1876: 100; Lethierry and Severin, 1893: 176; Kirkaldy, 1909: 136; Linnauori, 1975: 123; Linnauori, 1982: 147–148, figs. 235c, 236b, 237a.

The binomen *Cimex pallescens* has been used at least three separate times for the descriptions of three different heteropteran species. The first two (Gmelin 1790, Donovan 1794) are both members of the family Miridae, and both predate Germar's (1838) usage of the binomen for a pentatomid now placed in the genus *Piezodorus* Fieber. The next available synonym is *Rhaphigaster flavulus* Stål, 1853.

Sciocoris sahelensis, NEW NAME

Sciocoris australis Linnauori, 1975: 26–27, figs. 12a, b; Linnauori, 1982: 65, 66, figs. a, b. [not Dallas, 1852, *Eribotes*]

Linnauori (1975) apparently overlooked Dallas's (1852) original usage of the binomen *Sciocoris australis* when he described a new species by that name from Sudan. Dallas's species, described from Australia, now resides in the genus *Eribotes* Stål. There are no known junior synonyms of Linnauori's species; therefore, we propose *Sciocoris sahelensis* as a replacement name.

Thyanta humilis Bergroth, 1891

Pentatoma patruelis Stål, 1859: 226–227; Walker, 1867: 289. [not Stål, 1853, *Eudryadocoris gonioides*]

Thyanta patruelis: Stål, 1862: 58; Stål, 1872b: 35; Lethierry and Severin, 1893: 148; Kirkaldy, 1909: 95.

Thyanta humilis Bergroth, 1891: 225–226.

Thyanta (*Argosoma*) *patruelis*: Rider and Chapin, 1991: 5, 6, 37–39, figs. 184–198.

Stål (1853) described *Pentatoma patruelis*, which is now a junior synonym of the African *Eudryadocoris gonioides* Dallas. He (1859) later described as *P. patruelis* a South American species that is now placed in the genus *Thyanta* Stål. The next available name is *Thyanta humilis* Bergroth, 1891.

Trincavellius Distant, 1900

Trincavellius Distant, 1900b: 163.

Papospia China, 1962: 57–59. New synonymy.

Examination of Distant's (1900b) and China's (1962) descriptions, and included illustrations, leaves little doubt that *Trincavellius* Distant and *Papospia* China are synonyms. Although two of the three taxa belonging in *Trincavellius* were originally described in *Sciocoris* Fallén, this genus has generally been included within the nominate tribe of the Discocephalinae, rather than the pentatomine tribe Sciocorini. This

is probably because of the rather convex abdominal venter that differs from most sciocorines. Other characters (shape of head, explanate anterolateral pronotal margins), however, are characteristic of the Sciocorini. Additionally, most typical discocephaline characters are lacking. *Trincavellius* should, at least tentatively, be placed within the Sciocorini.

At present, three specific taxa belong in *Trincavellius*, all of which are probably conspecific. We have examined a number of specimens from various locations in Chile and Peru, as well as a male syntype of *Sciocoris kingi* Reed. All specimens examined are conspecific and differ in no appreciable manner from any of the species descriptions given by Butler, 1877 (*galapagoënsis*), Reed, 1898 (*kingi*), or China, 1962 (*ruckesi*). Any synonymization of specific names, however, should wait until appropriate type material can be examined.

IV. PHYLLOCEPHALINAE

Basicryptus Herrich-Schäffer, 1844 and
Dalsira Amyot and Serville, 1843

Dalsira Amyot and Serville, 1843, originally contained two species, both new and both eligible as type species: *marginata* and *affinis*. Stål (1876) left only one of these two species in *Dalsira* by transferring *marginata* to *Basicryptus* Herrich-Schäffer, 1844 (type species *Cimex costalis* Germar, 1838, by monotypy). Kirkaldy (1909) created lasting confusion by selecting *marginata* as the type species of *Dalsira* and creating a new generic name, *Metonymia* (type species *Dalsira affinis* Amyot and Serville, 1843, by original designation), overlooking the fact that Distant (1902) had earlier fixed *affinis* as the type species of *Dalsira*. The effect of Kirkaldy's invalid action was to replace the name *Basicryptus* with *Dalsira*, and to apply the name *Metonymia* to those species previously placed in *Dalsira*. However, since both *Metonymia* and *Dalsira* have the same type species, *Metonymia* is an objective junior synonym of *Dalsira*,

while *Dalsira* as erroneously used by Kirkaldy is synonymous with *Basicryptus*.

The genera *Basicryptus* and *Dalsira* need revising, and the two lists that follow are based on literature.

These species and subspecies appear to belong in *Basicryptus*:

1. *albidicosta* (Walker, 1868)
2. *angulatus* Schouteden, 1909
3. *antennatus* Distant, 1892
4. *atricostata* (Distant, 1910)
5. *bohndorffi* Distant, 1890
6. *brunneus* Jensen-Haarup, 1931
7. *costalis* (Germar, 1838) [type sp.]
8. *costalis ugandana* (Linnauori, 1982), new combination
9. *distinctus* (Signoret, 1851)
10. *eburnea* Jeannel, 1913
11. *elongata* Distant, 1892
12. *frenchi* Bergroth, 1895
13. *gibbosa* (Dallas, 1851)
14. *hutereau* Schouteden, 1916
15. *irroratus* (Westwood, 1837)
16. *maindroni* Jeannel, 1913
17. *marginatus* (Amyot and Serville, 1843)
18. *masaicus* Jeannel, 1913
19. *nigrocinctus* Jeannel, 1913
20. *nigromaculatus* Schouteden, 1904
21. *pictus* Schouteden, 1916
22. *plicatus* (Reiche and Fairmaire, 1847)
23. *projectus* Distant, 1898
24. *rugicollis* (Westwood, 1837)
25. *rugosus* (Fabricius, 1803)
26. *striatus* (Linnauori, 1982), new combination
27. *strigosa* (Burmeister, 1835)
28. *subtruncatus* (Walker, 1868)
29. *upembanus* (Linnauori, 1982), new combination

These species appear to belong in *Dalsira*:

1. *affinis* Amyot and Serville, 1843 [type sp.]
2. *alata* (Distant, 1898)
3. *angolana* (Schouteden, 1962)
4. *asperata* Distant, 1889
5. *atricostata* Distant, 1910
6. *bigemmis* Bergroth, 1891

7. *brunni* Schouteden, 1904
 8. *crassa* Distant, 1898
 9. *dallasi* (Schouteden, 1912), new combination
 10. *humeralis* (Walker, 1868)
 11. *icterica* (Gerstäcker, 1892)
 12. *kocki* (Schouteden, 1962), new combination
 13. *lentiginosa* (Stål, 1852)
 14. *longiceps* (Schouteden, 1910)
 15. *mabokeana* (Linnavuori, 1982), new combination
 16. *maura* Distant, 1898
 17. *modesta* (Fabricius, 1803)
 18. *mulunguana* (Linnavuori, 1982), new combination
 19. *niemboana* (Linnavuori, 1982), new combination
 20. *otjimbora* (Hesse, 1925)
 21. *overlaeti* (Schouteden, 1962)
 22. *scabrata* Distant, 1901
 23. *wagneri* Leston, 1952
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