

XX.—*Rhynchotal Notes*.—Heteroptera: Plataspinæ, Thyreocorinæ, and Cydninæ. By W. L. DISTANT.

THE following notes, descriptions, and synonymy are in continuation of my previous paper (*ante*, pp. 29–52).

PLATASPINÆ.

Genus BRACHYPLATYS.

Brachyplatys pallipes.

Cimex pallipes, Fabr. Sp. Ins. ii. p. 343 (1781).

Brachyplatys calabarica, Walk. Cat. Het. i. p. 99. n. 4 (1867).

Brachyplatys negamica, Walk. *loc. cit.* p. 99. n. 5.

Brachyplatys subcæneus.

Plataspis subcænea, Westw. in Hope, Cat. Hem. i. p. 17 (1837).

Brachyplatys bistriga, Walk. Cat. Het. p. 100. n. 12 (1867).

Brachyplatys cambodica, Walk. *loc. cit.* p. 101. n. 13.

Brachyplatys cognata, Walk. *loc. cit.* p. 101. n. 14.

Brachyplatys adjuncta, Walk. *loc. cit.* p. 101. n. 15.

Brachyplatys contigua, Walk. *loc. cit.* p. 103. n. 24.

Brachyplatys papuus.

Scutellera papua, Guér. Voy. Coq., Ent. p. 157, pl. xi. f. 6 (1830).

Brachyplatys ruptilinea, Walk. Cat. Het. i. p. 105. n. 30 (1867).

Brachyplatys deplanatus.

Scutellera deplanatus, Eschscholtz, Dorpat Abhandl. i. p. 158. n. 74 (1822).

Brachyplatys paucifera, Walk. Cat. Het. i. p. 105. n. 29 (1867).

Brachyplatys pallifrons.

Brachyplatys pallifrons, Vollenh. Faun. Ind. Neerl. i. p. 55, pl. iv. f. 10 (1863).

Brachyplatys indotata, Walk. Cat. Het. i. p. 104. n. 26 (1867).

Brachyplatys pacificus.

Brachyplatys pacifica, Dall. List Hem. i. p. 70. n. 8 (1851).

Brachyplatys intacta, Walk. Cat. Het. i. p. 106. n. 32 (1867).

Brachyplatys cupreata, Walk. *loc. cit.* p. 107. n. 37.

Brachyplatys interrupta, Walk. Cat. Het. i. p. 106. n. 31 (1867).

The typical and sole specimen under this name in the British Museum is without either head or thorax. Judging from the abdomen alone it is very near, if not identical with, *B. pacificus*, Dall.

Brachyplatys silphoides.

Cimex silphoides, Fabr. Ent. Syst. iv. p. 86. 24 (1794).

Brachyplatys liturifrons, Walk. Cat. Het. i. p. 102. n. 22 (1867).

Brachyplatys carolinæ.

Brachyplatys carolinæ, Atkins. J. Asiat. Soc. Beng. lvii. p. 341 (1889).

Brachyplatys silphoides, Dall. (nec Fabr.) List Hem. i. p. 71. n. 13 (1851).

Brachyplatys silphoides, Walk. (nec Fabr.) Cat. Het. i. p. 102. n. 9 (1867).

Brachyplatys cingalensis.

Brachyplatys cingalensis, Stål, Æfv. Vet.-Ak. Förh. 1855, p. 181; loc. cit. 1856, p. 54.

Brachyplatys silphoides, Kirby (nec Fabr.), Journ. Linn. Soc., Zool. vol. xxiv. p. 79 (1891).

Brachyplatys pauper.

Brachyplatys pauper, Vollenh. Faun. Ind. Neerl. i. p. 54 (1863).

Brachyplatys quinque-punctata, Walk. Cat. Het. i. p. 103. n. 23 (1867).

Brachyplatys Vahlîi.

Cimex Vahlîi, Fabr. Mant. ii. p. 283 (1787).

Brachyplatys continua, Walk. Cat. Het. p. 104. n. 27 (1867).

Brachyplatys frontalis, Walk. loc. cit. p. 106. n. 33.

Brachyplatys æneus.

Brachyplatys ænea, Dall. List Hem. i. p. 71. n. 12 (1851).

Brachyplatys niger, Atkins. J. Asiat. Soc. Beng. lvii. p. 342 (1889).

Types of both species are in the British Museum.

It is quite probable that this species is synonymic with *B. nitidus*, Westw., the single typical specimen of which in the Hope Collection is in indifferent condition.

Genus TIAROCORIS.

Tiarocoris basistigma.

Coptosoma basistigma, Walk. Cat. Het. i. p. 98. n. 67 (1867).

Genus SPATHOCRATES.

Spathocrates histeroides.

Brachyplatys histeroides, Walk. Cat. Het. i. p. 107. n. 34 (1867).

Genus COPTOSOMA.

Coptosoma transversa.

Coptosoma transversa, Westw. in Hope Cat. i. p. 17 (1837).

Coptosoma hilaris, Walk. Cat. Het. i. p. 85. n. 18 (1867).

Coptosoma partita, Walk. loc. cit. p. 85. n. 20.

Coptosoma bipustulata.

- Thyreocoris bipustulatus*, Germ. Zeitschr. i. p. 30. n. 14 (1839).
Coptosoma scitula, Walk. Cat. Het. i. p. 86. n. 21 (1867).

Coptosoma marginella.

- Coptosoma marginellum*, Dall. List Hem. i. p. 64. n. 9 (1851).
Coptosoma bipustulatum, Dall. (nec Germ.) *loc. cit.* p. 64. n. 8.

Coptosoma nubila.

- Thyreocoris nubilus*, Germ. Zeitschr. i. p. 26 (1839).
Coptosoma repleta, Walk. Cat. Het. i. p. 85. n. 19 (1867).

Coptosoma cribaria.

- Cimex cribrarius*, Fabr. Ent. Syst., Suppl. p. 551 (1798).
Coptosoma xanthochlora, Walk. Cat. Het. i. p. 87. n. 35 (1867).

Coptosoma proxima.

- Coptosoma proxima*, Walk. Cat. Het. i. p. 94. n. 55 (1867).
Coptosoma polyspila, Walk. *loc. cit.* p. 524 (1868).

Coptosoma apicifera.

- Coptosoma apicifera*, Walk. Cat. Het. iii. p. 526 (1868).
Coptosoma erythrospila, Walk. *loc. cit.* p. 526.

Coptosoma assamensis.

- Coptosoma assamensis*, Atkins. Proc. Asiat. Soc. Beng. 1886, p. 174.
Coptosoma circumscriptum, Dall. (nec Germ.) List Hem. i. p. 63. n. 3 (1851).

Lethierry and Severin have incorrectly included the species identified by Dallas as *C. circumscriptum*, Germ., as a synonym of *C. nepalensis*, Westw.

Coptosoma sphærule.

- Thyreocoris sphærule*, Germ. Zeitschr. i. p. 25 (1839).
Coptosoma sphærule, Leth. & Sev. Cat. Gén. Hém. i. p. 9 (1893).
Coptosoma siamica, Walk. Cat. Het. i. p. 89. n. 39 (1867).
Coptosoma orbicula, Walk. Cat. Het. i. p. 91. n. 47.
Coptosoma concinnula, Walk. *loc. cit.* p. 94. n. 54.
Coptosoma bellula, Walk. *loc. cit.* p. 94. n. 56.
Coptosoma inclusa, Walk. *loc. cit.* p. 95. n. 57.
Coptosoma Saundersi, Leth. & Sev. Cat. Gén. Hém. i. p. 9 (1893).
Coptosoma blandula, Walk. *loc. cit.* p. 96. n. 61.
Coptosoma microstigma, Walk. *loc. cit.* iii. p. 525 (1868).
Coptosoma pygmæum, Montandon, Ann. Soc. Ent. Belg. xl. p. 120 (1896).

The type of *C. minima*, Atkins., and a co-type of *C. pygmæum*, Montand., which are now before me, exactly agree

with each other. All Walker's contributions to the synonymy of the species as detailed above agree with this form of *C. sphaerula*.

Coptosoma rugulosa, sp. n.

Ochraceous, thickly, irregularly, and somewhat confluent covered with coarse reticulated black punctures. Head with the central lobe distinctly margined with black punctures; eyes testaceous. Pronotum with the anterior margin concave, the anterior angles dilated, rounded, and moderately laminate, the lateral margins slightly sinuate; transverse furrow only slightly indicated. Scutellum without perceptible transverse basal furrow. Body beneath very dark dull olivaceous; abdomen with a marginal series of about three rows of small dark ochraceous spots. Legs dark castaneous, femora streaked with ochraceous. Head beneath ochraceous at base.

Somewhat allied to *C. cicatricosa* by the shape of the pronotum, which, however, lacks the distinct transverse furrow in that species.

Long. 6 millim.; lat. 5 millim.

Hab. Ceylon. (Type, Brit. Mus.)

This species formed part of the Atkinson Collection.

Coptosoma W.?

Coptosoma W., Montand. Rev. d'Entomol. xii. p. 237 (1893).

Black, shining; lateral lobes of head in front of eyes (excluding their extreme outer margins), lateral margins of pronotum divided by a central black line, and two small spots behind head ochraceous. Scutellum with two large central basal spots, two large apical subquadrate spots united on apical margin and connected with the narrow lateral margins, ochraceous. Body beneath black; head beneath, rostrum, legs, and a marginal series of large bifid ray-like spots to abdomen ochraceous.

Long. 4 millim.

Hab. Assam, Margherita. (Brit. Mus.)

From the Atkinson Collection.

Coptosoma ramosa.

Coptosoma ramosa, Walk. Cat. Het. i. p. 93 (1867).

Coptosoma Loriae, Montd. Ann. Mus. Genov. xxxiv. p. 415 (1895).

The only difference in the form described by Montandon as *C. Loriae* is in the rather smaller abdominal marginal spots. This, however, from a fair series I have examined both in the British Museum and my own collection, appears to be the normal form, and that described by Walker, represented by the type specimen only, is a slight variety.

THYREOCORINÆ.

Genus THYREOCORIS.

*Thyreocoris notatipennis.**Corimelæna notatipennis*, Stål, Rio Jan. Hem. i. p. 8 (1860).*Corimelæna chilocoroides*, Walk. Cat. Het. i. p. 79. n. 26 (1867).*Corimelæna terminalis*, Walk. loc. cit. p. 80. n. 29.*Thyreocoris Daldorfi.**Tetyra Daldorfi*, Fabr. Syst. Rhyng. p. 144 (1803).Var. *Corimelæna pictula*, Walk. Cat. Het. i. p. 80. n. 30 (1867).*Thyreocoris basalis.**Odontoscelis basalis*, Germ. Zeitschr. i. p. 41 (1839).*Corimelæna proxima*, Walk. Cat. Het. i. p. 80. n. 28 (1867).*Thyreocoris integrus.**Corimelæna integra*, Walk. Cat. Het. i. p. 80. n. 27 (1867).

Doubtfully distinct; may probably be one of Stål's species (cf. Rio Jan. Hem.), of which I have not seen typical specimens.

*Thyreocoris invarius.**Corimelæna invaria*, Walk. Cat. Het. i. p. 81. n. 31 (1867).

The same observation applies to this as to the preceding species (*supra*).

Genus CURSULA.

Cursula, Walk. Cat. Het. i. p. 81 (1867).

Cursula is allied to *Chlænocoris* and represents that genus with a laterally compressed body. I formerly described three species as compressed examples of *Chlænocoris*, which must either now be placed in *Cursula*, or that genus sunk as a synonym of *Chlænocoris*. The first course is followed.

*Cursula dissimilis.**Chlænocoris dissimilis*, Dist. Biol. Centr.-Am., Rhynch. Het. i. p. 310. n. 2, pl. xxx. f. 3 (1889).*Cursula compressa.**Chlænocoris compressus*, Dist. Biol. Cent.-Am., Rhynch. Het. i. p. 310. n. 3, pl. xxx. f. 11 (1889).*Cursula arctata.**Chlænocoris arctatus*, Dist. Biol. Cent.-Am., Rhynch. Het. i. p. 454. n. 4 (1893).

CYDNINÆ.

Genus STIBAROPUS.

Stibaropus molginus.

Scaptocoris molginus, Schiödte, Kröyer's Nat. T. dsskr. (2) ii. p. 481 (1849).

Stibaropus brunneus, Dall. List Hem. i. p. 125, t. iii. f. 1 (1851).

Stibaropus latipes, Atkins. (nec Westw.) J. Asiat. Soc. Beng. vol. lvi. pt. 2, p. 39. n. 27 (1888).

Stibaropus molginus, Atkins. loc. cit. p. 39. n. 23.

Confusion has arisen with this species, owing apparently to the description of the second joint of the antennæ "longer by half than the third." The second joint is, however, very small, as described by Dallas—one of the generic characters. I have Atkinson's specimens before me, which he identified as *S. molginus*, and in these the antennæ agree in structure with Dallas's description and type. Signoret further complicated matters by placing the *S. brunneus*, Dall., as a synonym of the species described by Westwood as *Cydnus latipes*, which, however, does not belong to *Stibaropus* but to the genus *Scoparipes*.

Stibaropus minor.

Stibaropus minor, Walk. Cat. Het. i. p. 166. n. 2 (1867).

Stibaropus testaceus, Walk. loc. cit. p. 166. n. 3.

Stibaropus flavidus, Sign. Ann. Soc. Ent. Fr. sér. 6, t. i. p. 47, pl. ii. f. 6 (1831).

Most probably also one of Schiödte's species, *S. tabulatus* or *S. callidus*, but impossible to determine from the description alone of those species.

Genus ADRISA.

Adrisa ? binotata.

Acatalectus binotatus, Walk. Cat. Het. i. p. 165. n. 8 (1867).

This species is alone represented by the type specimen, which possesses neither head nor thorax. As it was also unlocalized, the species (?) should be considered as non-existent.

Adrisa ? clara.

Acatalectus clarus, Walk. Cat. Het. iii. p. 535 (1868).

This species is not represented in the National Collection, the type specimen being recorded as in the National Museum, Melbourne.

Genus CYRTOMENUS.

Cyrtomenus marginalis.

Cyrtomenus marginalis, Sign. Ann. Soc. Ent. Fr. sér. 6, t. i. p. 201. n. 5, pl. vi. f. 21 (1881).

Æthus ciliatus, Dall. (nec Pal. Beauv.) List Hem. i. p. 117. n. 13 (1851).

Dallas's specimen is from Colombia; Signoret's type specimen was unlocalized.

Genus LACTISTES.

Lactistes rastellus.

Lactistes rastellus, Schiödte, in Kröy. Nat. Tidsskr. (2) p. 457 (1849).

Æthus philippinensis, Dall. List Hem. i. p. 118. n. 19 (1851).

Genus SCOPARIPES.

Scoparipes latipes.

Cydnus latipes, Westw. in Hope Cat. i. p. 18 (1837).

Æthus stygius, Walk. Cat. Het. i. p. 161. n. 80 (1867).

Stibaropus latipes, Sign. Ann. Soc. Ent. Fr. sér. 6, t. i. (1881), *neo* figure; Leth. & Sev. Cat. Gén. Hém. i. p. 61 (1893).

Scoparipes latipes, Sign. *loc. cit.* p. 203, pl. vi. fig. 22.

Signoret fell into an unfortunate tangle with this species. He saw Westwood's type, and co-types in my own collection. The first he returned labelled *Stibaropus latipes*, the second *Scoparipes latipes*. He evidently published from his MS. notes afterwards, confusing the genera and treating the same species in a duplex manner. The co-types of his *Scoparipes latipes* are in my own collection, and these have been again compared with Westwood's type.

Scoparipes insignis.

Æthus insignis, Walk. Cat. Het. i. p. 160. n. 79 (1867).

Cyrtomenus insignis, Vollenh. Faun. Ind. Neerl. p. 16, pl. ii. fig. 7 (1868).

Both authors described this species under the same specific name.

Genus ECTINOPUS.

Ectinopus rugoscutum.

Ectinopus rugoscutum, Sign. Ann. Soc. Ent. Fr. sér. 6, t. i. p. 319, pl. x. fig. 41 (1881).

Æthus nigerrimus, Walk. (part.) Cat. Het. i. p. 152. n. 25, specs. *c, d*, Ega (1867).

Genus PLONISA.

Plonisa plagiata.

Plonisa plagiata, Sign. Ann. Soc. Ent. Fr. sér. 6, t. i. p. 327, pl. xi. fig. 52 (1881).

Æthus brunnipennis, Dall. (nec Fabr.) List Hem. i. p. 113. n. 3 (1851).

KATAKADIA, gen. nov.

Pronotum with a very deep angulated cavity for the insertion of the head. Head very broad at anterior margin, where it is centrally slightly sinuate; the lateral lobes longer than the central, angularly narrowed posteriorly, being longest behind the eyes. Other characters generally as in *Cydnus*.

This genus is founded for the reception of *Æthus caliginosus*, Walk., and the very peculiar structure of the head and pronotum will sufficiently distinguish it.

Katakadia caliginosa.

Æthus caliginosus, Walk. Cat. Het. i. p. 161. n. 81 (1867).

Hab. Malacca (Brit. Mus.); Perak (*Doherty, coll. Dist.*).

Genus CYDNUS.

Cydnus rudis.

Æthus rudis, Walk. Cat. Het. i. p. 157. n. 57 (1867).

Æthus proximus, Sign. Ann. Soc. Ent. Fr. sér. 6, t. ii. p. 27. n. 18 (1882).

Walker in his description made no mention of the reddish-brown hue of the corium in his type specimen from the Gambia. Other specimens from Sierra Leone are in the British Museum. There seems little doubt that both the above descriptions refer to one species.

Cydnus insularis.

Cydnus insularis, Westw. in Hope Cat. i. p. 19 (1837).

Æthus rubrifemur, Walk. Cat. Het. i. p. 153. n. 34 (1867).

Cydnus varians.

Cydnus varians, Fabr. Syst. Rhyng. p. 187 (1803).

Æthus discolor, Walk. Cat. Het. i. p. 161. n. 82 (1867).

Cydnus lepidus.

Æthus lepidus, Stål, Æfv. Vet.-Ak. Förh. 1853, p. 215. 6; Hem. Afr. i. p. 21 (1864).

Æthus leucostigma, Dall. (Germ. Rev. Silb. v.) List Hem. i. p. 119 (1851).

The name quoted by Dallas appears to be a MS. one only, as I can find no trace of such a species described by Germar.

Cydnus lautipennis.

Cydnus (Æthus) lautipennis, Stål, Öfv. Vet.-Ak. Förh. 1858, p. 312. 6.
Æthus lividus, Walk. Cat. Het. i. p. 157. n. 58 (1867).

Cydnus indicus.

Cydnus indicus, Westw. in Hope Cat. i. p. 19 (1837).
Æthus ferus, Walk. Cat. Het. i. p. 163. n. 91 (1867).

Cydnus pilosus.

Cydnus pilosus, H.-Sch. Faun. Germ. cxxvi. 22.
Æthus setosus, Walk. Cat. Het. i. p. 154. n. 39 (1867).

Genus CHÆROCYNUS.

Chærocynus, White, in Grey, Trav. in Australia, Append. vol. ii.
 p. 472 (1841).

Chærocynus foveolatus.

Chærocynus foveolatus, White, loc. cit. fig. 6.

Dallas in recording this species (List Hem. i. p. 124, 1851) unfortunately gave as reference to White's description 'Zool. Voy. Ereb. & Terr.,' instead of the Appendix to Grey's 'Travels,' as above. Signoret, finding no description or reference in the first-named publication, considered it an undescribed species and synonymic with Buchanan White's *C. albosignatus*, in which opinion he was followed by Lethierry and Severin in their catalogue. The two species, however, are quite distinct, and two specimens of *C. foveolatus* are in the British Museum.

Genus PANGÆUS.

Pangæus piceatus.

Pangæus piceatus, Stål, Stett. ent. Zeit. xxiii. p. 96 (1862).
Æthus tenuis, Walk. Cat. Het. i. p. 151. n. 22 (1867).
Æthus parilis, Walk. loc. cit. p. 153. n. 35.

Pangæus docilis.

Æthus docilis, Walk. Cat. Het. i. p. 154. n. 37 (1867).
Pangæus Dallasi (part.), Leth. & Sev. Cat. Gén. Hém. i. p. 69 (1893).

This species is represented by the type specimen alone, which is carded and not in the best condition, the pronotum being somewhat injured. Signoret opined that this might prove to be his species *P. Dallasi*, but it seems distinct from Signoret's figure and description, in having the central transverse furrow to the pronotum somewhat obliterated at its middle.

*Pangæus margo.**Æthus margo*, Dall. List Hem. i. p. 116. n. 12 (1851).*Æthus scitus*, Walk. Cat. Het. iii. p. 535 (1868).

Genus MACROSCYTUS.

*Macroscytus transversus.**Cydnus transversus*, Burm. Nov. Act. Acad. Leop.-Car. 1824, p. 291, t. iv. fig. 4.*Acatalectus transversus*, Walk. Cat. Het. i. p. 164. n. 2 (1867).*Æthus transversus*, Walk. loc. cit. p. 158. n. 62.*Adrisa transversa*, Leth. & Sev. Cat. Gén. Hém. p. 63 (1893).*Macroscytus transversus*, Leth. & Sev. loc. cit. p. 71.

Walker had apparently rightly identified this species, and then redescribed it as a new one. He probably placed it in the genus *Acatalectus* owing to one of the specimens having the last joint of the antennæ mutilated.

*Macroscytus badius.**Æthus badius*, Walk. Cat. Het. i. p. 159. n. 73 (1867).

Signoret in his Monograph of the Cydninæ treated this species as a synonym of *M. brunneus*, Fabr., a course followed by Lethierry and Severin in their catalogue. I think for the present they should be kept distinct, till more material is examined.

*Macroscytus subæneus.**Æthus subæneus*, Dall. List Hem. i. p. 116. n. 11 (1851).*Cydnus subæneus*, Leth. & Sev. Cat. Gén. Hém. t. i. p. 68 (1893).*Macroscytus javanus*, Mayr, Verh. zool.-bot. Ges. Wien, 1866, p. 36; Leth. & Sev. loc. cit. p. 71.*Æthus æqualis*, Walk. Cat. Het. i. p. 159. n. 72 (1867).*Æthus indicus*, Vollenh. Faun. Ind. Neerl. p. 17 (1868).*Macroscytus japonensis*, Scott, Ann. Mag. Nat. Hist. ser. 4, vol. xiv. p. 294 (1874).

Genus GEOTOMUS.

*Geotomus pygmæus.**Æthus pygmæus*, Dall. List Hem. i. p. 120. n. 25 (1851).*Æthus nanulus*, Walk. Cat. Het. i. p. 162. n. 83 (1867).*Æthus platysomoides*, Walk. loc. cit. p. 163. n. 92.*Æthus omicron*, Walk. loc. cit. iii. p. 534 (1868).*Geotomus apicalis.**Æthus apicalis*, Dall. List Hem. i. p. 120 (1851).

A much more elongated species than *G. pygmæus*.

Geotomus subglaber.

Æthus subglaber, Walk. Cat. Het. i. p. 150. n. 17 (1867).

As this species is not included in Uhler's Check-list of described Hemiptera-Heteroptera of North America, published in 1886, some other named form is probably conspecific with it. In the absence of material for comparison, the synonymic question must be passed by, at least for the present.

Genus HIVERUS.

Hiverus ochraceus, sp. n.

Brownish ochraceous; membrane creamy hyaline. Antennæ with the first and second joints ochraceous, remaining joints pale piceous.

Broad, ovate; pronotum and scutellum sparingly punctate, corium more thickly punctate; scutellum broad, its apex broadly and subacutely rounded.

Long. $4\frac{1}{2}$ to 5 millim.

Hab. Tasmania; Hobart. (Three carded specimens—British Museum.)

Differing from *H. æneus*, Sign., the only specimen described from Australia, by its smaller size, different colour, and by the rounded and non-acuminate apex of the scutellum.

Genus CHILOCORIS.

Chilocoris semialbidus.

Æthus semialbidus, Walk. Cat. Het. i. p. 160. n. 74 (1867).

DRUPADIA, gen. nov.

Allied to *Chilocoris*, Mayr, but differing by the scutellum, which is broader, less angulated posteriorly, its apex broader and subacutely angulated. Corium a little shorter than the membrane. The body is also relatively shorter and broader.

Drupadia typica, sp. n.

Head, pronotum, scutellum, and body beneath dark chocolate-brown. Corium very pale stramineous, with scattered coarse darker punctures, and with a curved chocolate linear streak on disk; membrane pale greyish hyaline; antennæ

and legs reddish brown. Pronotum and scutellum somewhat thickly and coarsely punctate.

Long. 3 millim.

Hab. Bengal, Lohar-daga (*Atkinson Collection*).

Six carded specimens are contained in the British Museum.

Genus BLÆNA.

Blæna, Walk. Cat. Het. iii. p. 537 (1868).

Macrhymenus, Sign. Ann. Soc. Ent. Fr. 1880, p. xvii; *loc. cit.* sér. 6, t. iii. p. 523 (1883).

Blæna setosa.

Blæna setosa, Walk. Cat. Het. iii. p. 538 (1868).

Macrhymenus membranaceus, Sign. Ann. Soc. Ent. Fr. sér. 6, t. iii. p. 523, pl. xv. f. 204 (1883).

Genus GARSARIA.

Garsaria, Walk. Cat. Het. iii. p. 536 (1868).

Microrrhynchus, Sign. Ann. Soc. Ent. Fr. sér. 6, t. ii. Bull. p. lxxiii (1882); *ibid.* t. iii. p. 524 (1883).

Microrrhamphus, Bergr. Rev. d'Entom. t. x. p. 214 (1891).

Garsaria aradoides.

Garsaria aradoides, Walk. Cat. Het. iii. p. 536 (1868).

Microrrhynchus Beccarii, Sign. Ann. Soc. Ent. Fr. sér. 6, t. iii. p. 525, t. xv. f. 205 (1883).

Genus GNATHOCONUS.

Gnathoconus quadrilineus.

Sehirus quadrilinea, Walk. Cat. Het. i. p. 169. n. 22 (1867).

Genus SEHIRUS.

Sehirus æneus.

Sehirus æneus, Walk. Cat. Het. i. p. 169. n. 18 (1867).

The typical specimen from which this species was described is no longer to be found, at least in its place, in the British Museum. A second specimen, also collected by Mr. Wollaston at Madeira, is, however, available and agrees with the description. I have hitherto proposed, and still urge, that where the types of Walker's species are not to be found, such species should be treated as non-existent, for, with few exceptions, Walker's descriptions of Heteroptera are not only

most insufficient, but also have been proved to be frequently taken from solitary mutilated specimens. In the above instance, however, no doubt can exist.

Mentisa smaragdina, gen. & sp. n., Walk. Cat. Het. iii. p. 537 (1868).

Does not belong to the Cydninae at all.

Summarized Disposition of Walker's Genera and Species.

Plataspinae, Thyreocorinae, and Cydninae.

Genera considered valid.

- Cursula*, Walk. Cat. Het. i. p. 81 (1867).
- Cænina*, Walk. loc. cit. p. 82.
- Tetrisia*, Walk. loc. cit. p. 111.
- Garsauria*, Walk. loc. cit. iii. p. 536 (1868).
- Blæna*, Walk. loc. cit. p. 537.

Species considered valid and described under correct Genera.

- Cursula globifera*, Walk. Cat. Het. i. p. 81. n. 1 (1867).
- Cænina variolosa*, Walk. loc. cit. p. 82. n. 1.
- Coptosoma integra*, Walk. loc. cit. p. 88. n. 36.
- *lobata*, Walk. loc. cit. p. 88. n. 37.
- *transversa*, Walk. loc. cit. p. 88. n. 38 (nom. præocc. = *Walkeri*, Leth. & Sev.).
- *brevis*, Walk. loc. cit. p. 89. n. 40.
- *centralis*, Walk. loc. cit. p. 90. n. 44.
- *biplagiata*, Walk. loc. cit. p. 90. n. 45.
- *humeralis*, Walk. loc. cit. p. 90. n. 46.
- *testacea*, Walk. loc. cit. p. 91. n. 48.
- *marginata*, Walk. loc. cit. p. 92. n. 49.
- *plagiata*, Walk. loc. cit. p. 92. n. 50.
- *ramosa*, Walk. loc. cit. p. 93. n. 51.
- *amæna*, Walk. loc. cit. p. 93. n. 52.
- *fractifascia*, Walk. loc. cit. p. 93. n. 53.
- *proxima*, Walk. loc. cit. p. 94. n. 55.
- *hæmorrhœa*, Walk. loc. cit. p. 96. n. 59.
- *consobrina*, Walk. loc. cit. p. 96. n. 60.
- *aruica*, Walk. loc. cit. p. 97. n. 62.
- *aspersa*, Walk. loc. cit. p. 97. n. 63.
- *subcruciata*, Walk. loc. cit. iii. p. 523 (1868).
- *strenua*, Walk. loc. cit. p. 523.
- *cyathigera*, Walk. loc. cit. p. 524.
- *quadriplagiata*, Walk. loc. cit. p. 524.
- *gutticincta*, Walk. loc. cit. p. 525.
- *apicifera*, Walk. loc. cit. p. 526.
- Brachyplatys picturifrons*, Walk. loc. cit. i. p. 103. n. 25 (1867).
- *translineata*, Walk. loc. cit. p. 105. n. 28.
- Plataspis galerucoides*, Walk. loc. cit. p. 109. n. 8.

- Tetrisia bruchoides*, Walk. *loc. cit.* p. 112. n. 1.
Stibaropus minor, Walk. *loc. cit.* p. 166. n. 2.
Sehirus æneus, Walk. *l. c. cit.* p. 169. n. 18.
Garsauria aradooides, Walk. *loc. cit.* iii. p. 536 (1868).
Blæna setosa, Walk. *loc. cit.* p. 538.

Species considered valid, but requiring generic revision.

- Corimelæna integra*, Walk. Cat. Het. i. p. 80. n. 27 (1867), belongs to
 gen. *Thyreocoris*.
 — *invaria*, Walk. *loc. cit.* p. 81. n. 31, belongs to gen. *Thyreocoris*.
Coptosoma basistigma, Walk. *loc. cit.* p. 98. n. 67, „ *Tiarocoris*.
Brachyplatys histeroides, Walk. *loc. cit.* p. 107. n. 34, belongs to gen.
Spathocrates.
Æthus subglaber, Walk. *loc. cit.* p. 150. n. 17, belongs to gen. *Geotomus*.
 — *fortis*, Walk. *loc. cit.* p. 151. n. 21, „ *Pangæus*.
 — *nitidulus*, Walk. *loc. cit.* p. 154. n. 36, „ *Cydnus*.
 — *docilis*, Walk. *loc. cit.* p. 154. n. 37, „ *Pangæus*.
 — *rudis*, Walk. *loc. cit.* p. 157. n. 57, „ *Cydnus*.
 — *badius*, Walk. *loc. cit.* p. 159. n. 73, „ *Macroscytus*.
 — *semialbidus*, Walk. *loc. cit.* p. 160. n. 74, „ *Chilocoris*.
 — *insignis*, Walk. *loc. cit.* p. 160. n. 79, „ *Scoparipes*.
 — *caliginosus*, Walk. *loc. cit.* p. 161. n. 81, „ *Katakadia*,
 [gen. nov.]
Sehirus quadrilinea, Walk. *loc. cit.* p. 169. n. 22, „ *Gnathoconus*.

Species treated as synonymic.

- Corimelæna chilocoroides*, Walk. Cat. Het. i. p. 79. n. 26 (1867), = *Thyreocoris notatipennis*, Stål.
 — *proxima*, Walk. *loc. cit.* p. 80. n. 28, = *Thyreocoris basalis*, Germ.
 — *terminalis*, Walk. *loc. cit.* p. 80. n. 29, = *Thyreocoris notatipennis*, Stål.
 — *pictula*, Walk. *loc. cit.* p. 80. n. 30, = *Thyreocoris Daldorfi*, Fabr., var.
Coptosoma hilaris, Walk. *loc. cit.* p. 85. n. 18, = *Coptosoma transversa*, Westw.
 — *repleta*, Walk. *loc. cit.* p. 85. n. 19, = *Coptosoma nubila*, Germ.
 — *partita*, Walk. *loc. cit.* p. 85. n. 20, = *Coptosoma transversa*, Westw.
 — *scitula*, Walk. *loc. cit.* p. 86. n. 21, = *Coptosoma bipustulata*, Germ.
 — *xanthochlora*, Walk. *loc. cit.* p. 87. n. 35, = *Coptosoma cribraria*, Fabr.
 — *siamica*, Walk. *loc. cit.* p. 89. n. 39, = *Coptosoma sphærulea*, Germ.
 — *orbicula*, Walk. *loc. cit.* p. 91. n. 47, = „ „
 — *concinna*, Walk. *loc. cit.* p. 94. n. 54, = „ „
 — *bellula*, Walk. *loc. cit.* p. 94. n. 56, = „ „
 — *inclusa*, Walk. *loc. cit.* p. 95. n. 57, = „ „
 — *arenaria*, Walk. *loc. cit.* p. 95. n. 58, = *Coptosoma forsteni*, Vollenh.
 — *blandula*, Walk. *loc. cit.* p. 96. n. 61, = *Coptosoma sphærulea*, Germ.
 — *polyspila*, Walk. *loc. cit.* iii. p. 524 (1868), = *Coptosoma proxima*, Walk.
 — *microstigma*, Walk. *loc. cit.* p. 525, = *Coptosoma sphærulea*, Germ.
 — *erythrospila*, Walk. *loc. cit.* p. 526, = *Coptosoma apicifera*, Walk.
Brachyplatys calabarica, Walk. *loc. cit.* i. p. 99. n. 4 (1867), = *Brachyplatys pallipes*, Fabr.
 — *negamica*, Walk. *loc. cit.* p. 99. n. 5, = *Brachyplatys pallipes*, Fabr.

- Brachyplatys bistriga*, Walk. loc. cit. p. 100. n. 12, = *Brachyplatys subænea*, Westw.
 — *cambodica*, Walk. loc. cit. p. 101. n. 13, = *Brachyplatys subænea*, Westw.
 — *cognata*, Walk. loc. cit. p. 101. n. 14, = " "
 — *adjuncta*, Walk. loc. cit. p. 101. n. 15, = " "
 — *liturifrons*, Walk. loc. cit. p. 102. n. 22, = *Brachyplatys silphoides*, Fabr.
 — *quinque-punctata*, Walk. loc. cit. p. 103. n. 23, = *Brachyplatys pauper*, Vollenh.
 — *contigua*, Walk. loc. cit. p. 103. n. 24, = *Brachyplatys subænea*, Westw.
 — *indotata*, Walk. loc. cit. p. 104. n. 26, = *Brachyplatys pallifrons*, Westw.
 — *continua*, Walk. loc. cit. p. 104. n. 27, = *Brachyplatys Vahlîi*, Fabr.
 — *paucifera*, Walk. loc. cit. p. 105. n. 29, = *Brachyplatys deplanatus*, Esch.
 — *ruptilinea*, Walk. loc. cit. p. 105. n. 30, = *Brachyplatys papuus*, Guér.
 — *intacta*, Walk. loc. cit. p. 106. n. 32, = *Brachyplatys pacificus*, Dall.
 — *frontalis*, Walk. loc. cit. p. 106. n. 33, = *Brachyplatys Vahlîi*, Fabr.
 — *cupreata*, Walk. loc. cit. p. 107. n. 37, = *Brachyplatys pacificus*, Dall.
Cyrtomenus crassus, Walk. loc. cit. p. 147. n. 4, = *Cyrtomenus castaneus*, A. & S.
Æthus fusiformis, Walk. loc. cit. p. 150. n. 20, = *Ectinopus holomelas*, Burm.
 — *tenuis*, Walk. loc. cit. p. 151. n. 22, = *Pangæus piceatus*, Stål.
 — *rubrifemur*, Walk. loc. cit. p. 153. n. 34, = *Cydnus insularis*, Westw.
 — *parilis*, Walk. loc. cit. p. 153. n. 35, = *Pangæus piceatus*, Stål.
 — *setosus*, Walk. loc. cit. p. 154. n. 39, = *Cydnus pilosus*, H.-Sch.
 — *lividus*, Walk. loc. cit. p. 157. n. 58, = *Cydnus lautipennis*, Stål.
 — *nigrocæneus*, Walk. loc. cit. p. 158. n. 71, = *Cydnus ceylonicus*, Mayr.
 — *æqualis*, Walk. loc. cit. p. 159. n. 72, = *Macroscytus subæneus*, Dall.
 — *stygius*, Walk. loc. cit. p. 161. n. 80, = *Scoparipes latipes*, Westw.
 — *discolor*, Walk. loc. cit. p. 161. n. 82, = *Cydnus varians*, Fabr.
 — *nanulus*, Walk. loc. cit. p. 162. n. 83, = *Geotomus pygmæus*, Dall.
 — *ferus*, Walk. loc. cit. p. 163. n. 91, = *Cydnus indicus*, Westw.
 — *platysomoides*, Walk. loc. cit. p. 163. n. 92, = *Geotomus pygmæus*, Dall.
 — *omicron*, Walk. loc. cit. iii. p. 534 (1868), = " "
 — *scitus*, Walk. loc. cit. p. 535, = *Pangæus margo*, Dall.
Acatalectus transversus, Walk. loc. cit. i. p. 164. n. 2 (1867), = *Macroscytus transversus*, Burm.
Stibaropus testaceus, Walk. loc. cit. p. 166. n. 3, = *Stibaropus minor*, Walk.

Treated as non-existent.

Types mutilated.

- Brachyplatys interrupta*, Walk. Cat. Het. i. p. 106. n. 31 (1867).
Acatalectus binotatus, Walk. loc. cit. p. 165. n. 8.

Species the types of which are supposed to be in Australia.

- Coptosoma simplex*, Walk. Cat. Het. i. p. 98. n. 66 (1867). National Museum, Melbourne.
Brachyplatys media, Walk. loc. cit. iii. p. 527 (1868). National Museum, Melbourne.
Acatalectus clarus, Walk. loc. cit. p. 535. National Museum, Melbourne.



Distant, William Lucas. 1899. "Rhynchotal notes. — Heteroptera: Plataspinæ, Thyreocorinæ, and Cydninæ." *The Annals and magazine of natural history; zoology, botany, and geology* 4, 213–227.

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