

SHORT COMMUNICATION

Taxonomic Notes on Oriental and Eastern Palaearctic
Fulgoroidea (Hemiptera)

AI-PING LIANG

Department of Entomology, Institute of Zoology, Chinese Academy of Sciences,
19 Zhongguancun Lu, Beijing 100080, P. R. China

ABSTRACT: Taxonomic changes affecting the Oriental and eastern Palaearctic Fulgoroidea are proposed to stabilize the nomenclature. Five new generic synonymies, eleven new specific synonymies, and eleven new combinations in Cixiidae, Derbidae, Dictyopharidae, Issidae, and Ricaniidae are proposed.

As part of ongoing investigations on the planthopper fauna of the Oriental and eastern Palaearctic regions, a number of taxonomic discrepancies have appeared which require attention and are accordingly dealt with here. The nomenclatural and taxonomic changes presented below include five new generic synonymies, eleven new specific synonymies, and eleven new combinations and involve the families Cixiidae, Derbidae, Dictyopharidae, Issidae, and Ricaniidae. All the changes are proposed on the basis of the examination of the relevant type material, mainly at the Natural History Museum, London, and the Insect Collections of the Hokkaido University, Sapporo, Japan.

CIXIIDAE

Brixia munita (Walker) NEW COMBINATION

Cixius munitus Walker, 1857:149. BORNEO.

DERBIDAE

Vekunta deducta (Walker) NEW COMBINATION

Cixius deductus Walker, 1857:149. BORNEO.

Vekunta despecta (Walker) NEW COMBINATION

Cixius despectus Walker, 1857:148. BORNEO.

Vekunta sublucida (Walker) NEW COMBINATION

Brixia sublucida Walker, 1870:107. NEW GUINEA.

Note: Originally described as *Brixia* Stål of the Cixiidae, *sublucida* is clearly a member of *Vekunta* Distant of the tribe Cencreini of Derbidae on the basis of its head morphology and forewing venation.

DICTYOPHARIDAE

Leprota fulgoroides (Walker)

Dictyophora fulgoroides Walker, 1858:67. S. CHINA, SUMATRA, BORNEO.

Saigona gibbosa Matsumura, 1910:112. NEW SYNONYMY.

Note: Walker frequently referred to 'North China' in his publications on Chinese Homoptera (e.g., Walker, 1858:67, 171). The 'North China' sensu Walker is actually southern China.

Pibrocha Kirkaldy

Pibrocha Kirkaldy, 1902:50. Type species: *Dictyophora* (?) [sic] *egregia* Kirby, 1891, by original designation.

Awaramada Distant, 1914:412. Type species: *A. fryeri* Distant, 1914, by monotypy. NEW SYNONYMY.

Pibrocha egregia (Kirby)

Dictyophora (?) [sic] *egregia* Kirby, 1891:135, pl. 5, fig. 4. SRI LANKA.

Awaramada fryeri Distant, 1914:413. NEW SYNONYMY.

Saigona Matsumura

Saigona Matsumura, 1910:110. Type species: *Dictyophora ishidae* Matsumura, 1905 [= *Almana ussuriensis* Lethierry, 1878], by subsequent designation of Melichar, 1912:50.

Neoputala Distant, 1914:412. Type species: *N. capitata* Distant, 1914, by original designation. NEW SYNONYMY.

Saigona capitata (Distant) NEW COMBINATION

Neoputala capitata Distant, 1914:412. INDO-CHINA.

Saigona ussuriensis (Lethierry)

Almana ussuriensis Lethierry, 1878:25. RUSSIAN MARITIME TERRITORY, N.E. CHINA, JAPAN.

Dictyophora ishidae Matsumura, 1905:[55], pl. 21, fig. 5. NEW SYNONYMY.

Putala lewisi Distant, 1906b:354. NEW SYNONYMY.

ISSIDAE

Hemisphaerius rufovarius Walker

Hemisphaerius [sic] *rufovarius* Walker, 1858:95. BURMA, THAILAND, VIETNAM, CHINA (HAINAN), BORNEO.

Hemisphaerius scymnoides Walker, 1862:309. NEW SYNONYMY.

Hemisphaerius testaceus Distant, 1906a:360. NEW SYNONYMY.

Hemisphaerius virescens Distant, 1906a:360. NEW SYNONYMY.

Note: This species is highly variable in size and coloration.

Gergithus niger (Walker)

Hemisphaerius niger Walker, 1857:155. JAVA, N. BORNEO, SUMATRA, MALAYA, THAILAND.

Hemisphaerius chilocoroides Walker, 1862:308. NEW SYNONYMY.

Hemisphaerius walkeri Butler, 1875:100. Replacement name for *H. chilocoroides* [sic] Walker, 1862 nec *H. chilocoroides* Walker, 1851. NEW SYNONYMY.

Gelastyra biplaga (Walker) NEW COMBINATION

Issus biplaga Walker, 1851:367. HONG KONG.

Gelastyra quadriguttata (Walker) NEW COMBINATION

Issus quadriguttatus Walker, 1851:366. HONG KONG.

Hiracia Walker

Hiracia Walker, 1857:154. Type species: *H. ignava* Walker, 1857, by monotypy.

Karna Distant, 1906a:274. Type species: *K. karenia* Distant, 1906a, by original designation. NEW SYNONYMY.

Note: *Hiracia* and *Karna* were both included by Metcalf (1954) in his world catalogue of Tropiciduchidae. Fennah (1982) correctly transferred the two genera to Issidae.

Hiracia karenia (Distant) NEW COMBINATION

Karna karenia Distant, 1906a:275, fig. 126. BURMA.

Mongoliana chilocoroides (Walker)

Hemisphaerius chilocoroides Walker, 1851:379. S. CHINA; nec *Hemisphaerius chilocoroides* Walker, 1862.

Hemisphaerius recurrens Butler, 1875:98, pl. 4, fig. 20. NEW SYNONYMY.

Narayana Distant

Narayana Distant, 1906a:349. Type species: *N. rusticitatis* Distant, 1906a, by original designation.

Sudasina Distant, 1906a:353. Type species: *S. testudo* Distant, 1906a, by original designation. NEW SYNONYMY.

Note: *Narayana* and *Sudasina* can be separated only on small differences in the shape of the frons and I am of the opinion that these minor differences do not warrant the recognition of 2 separate genera.

Narayana testudo (Distant) NEW COMBINATION

Sudasina testudo Distant, 1906a:353, fig. 182. SRI LANKA.

Scantinius Stål

Scantinius Stål, 1866a:206. Type species: *Issus bruchoides* Walker, 1858, by subsequent designation of Stål, 1866b:392.

Dindinga Distant, 1909:82. Type species: *D. oculata* Distant, 1909, by original designation. NEW SYNONYMY.

Scantinius oculatus (Distant) NEW COMBINATION*Dindinga oculata* Distant, 1909:83. MALAYA (PERAK).*Thabena sobrina* (Walker) NEW COMBINATION*Issus sobrinus* Walker, 1857:154. BORNEO (SARAWAK).

RICANIIDAE

Ricania zebra Distant*Ricania zebra* Distant, 1906a:379. N.E. INDIA, BURMA.*Ricania tisiphone* Distant, 1916:110. NEW SYNONYMY.

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