

## SHORT COMMUNICATION

### Taxonomic Notes on Oriental and Eastern Palaearctic Fulgoroidea (Hemiptera)

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**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 Ricanidae 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 Ricanidae. 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 despacta* (Walker) NEW COMBINATION

*Cixius despactus* 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 Cenchrini 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 usuriensis 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)

*Almania 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. chilocorides* 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 Tropiduchidae.

Fennah (1982) correctly transferred the two genera to Issidae.

*Hiracia karenia* (Distant) NEW COMBINATION

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

*Mongolian chilocorides* (Walker)

*Hemisphaerius chilocorides* 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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