

THREE NEW SPECIES OF DERBIDÆ (HOMOPTERA)

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FOUR TEXT FIGURES

*Zoraida kalshoveni* sp. nov. Figs. 1 and 2.

*Male*.—Length, 3.6 millimeters; tegmen, 10; wing, 1.

Subcosta obscure, lying beneath radius; subcostal cell widened at apex with a round, raised callus in the middle; radial cell very narrow up to callus.

Anal segment large, anus about a third from apex, narrowed slightly on basal half, apex narrowed, truncate; lateral margins of pygofer angularly produced, medioventral margin angularly produced, genital styles long, narrow on basal half, apical half considerably widened, outer margin of apical half curved over, the inner margin with a curved spine about the middle.

Vertex and face yellow; clypeus light brown, darker between the carinæ; pronotum light on sides, darker in the middle; mesonotum light brown; legs light brown; abdomen brown, yellow near base; genital styles darker. Tegmina hyaline; costal, subcostal, and radial cells red, the callus in apex of radial cell fuscous, shining; a brown band from media to clavus over the basal portion of the fork of cubitus including the apical half of basal cell, the veins in this fuscous area yellow; veins light brown. Wings hyaline, slightly fuscous.

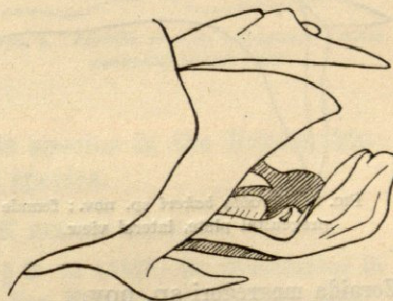


FIG. 1. *Zoraida kalshoveni* sp. nov.; male genitalia, lateral view.

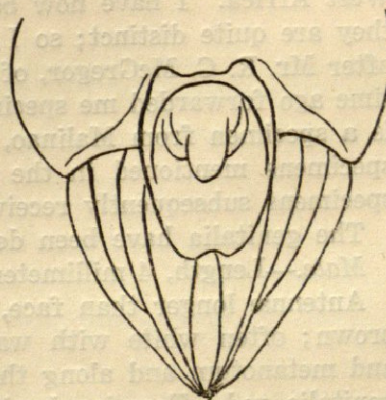


FIG. 2. *Zoraida kalshoveni* sp. nov.; female genitalia, dorsal view.



*Female*.—Length, 5.3 millimeters; tegmen, 12.3; wing, 1.2.

Pregenital plate angularly produced from sides to middle. Anal segment small, reaching about halfway to apex of styles, sides slightly curved, apex slightly emarginate. In coloration similar to male.

SINGAPORE (*C. F. Baker*), 1 male and 1 female. JAVA, Bodjanegoro (*L. Kalshoven*), 1 female.

*Zoraida bakeri* sp. nov. Fig. 3.

*Female*.—Length, 5.3 millimeters; tegmen, 10; wing, 1.

In general build and venation this species is similar to *Z. kalshoveni*.

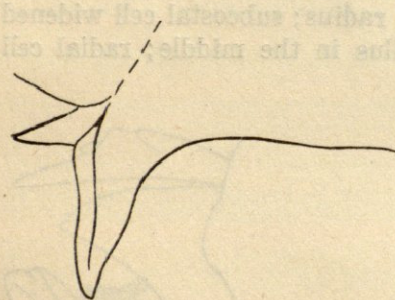


FIG. 3. *Zoraida bakeri* sp. nov.; female pregenital plate, lateral view.

Mesonotum light brown, darker over basal portion. The anal segment is longer, broadest on basal third, gradually narrowed to the truncate apex. The pregenital plate in lateral view turned ventrad at a right angle, in full view the apex is rounded.

BORNEO, Sandakan (*C. F. Baker, 9533*), 1 female.

*Zoraida mcgregori* sp. nov.

*Zoraida sinuosa* (Boheman) ? MUIR, Philip. Journ. Sci. § D 12 (1917) 84, Pl. 1, fig. 14.

In the above-cited paper I allowed the Philippine specimens to stand under *sinuosa* until I could examine specimens from West Africa. I have now been able to do this and find that they are quite distinct; so I now name the Philippine species after Mr. R. C. McGregor, of the Bureau of Science, who some time ago forwarded me specimens for identification. The type is a specimen from Malinao, Tayabas, and the paratypes, the specimens mentioned in the previous paper as well as other specimens subsequently received, from the Philippines.

The genitalia have been described and figured previously.

*Male*.—Length, 4 millimeters; tegmen, 10; wing, 5.

Antennæ longer than face, cylindrical, stramineous or light brown; often white with waxy secretion over mesoscutellum and metanotum and along the middle of dorsum of abdomen; genitalia red. Tegmina hyaline, veins red or brown; fuscous over costal, subcostal, and radial cells in basal median cell,

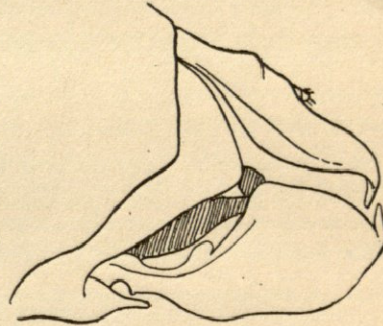


running into median cells at base of sectors; a faint fuscous mark at apex of apical cells; apical veins brown to apex.

*Female*.—Length, 4 millimeters; tegmen, 11; wing, 5. Female similar in color to male. The tegmina have a slightly opaque, milky appearance.

*Zoraida sinuosa* (Boheman). Fig. 4.

I herewith publish a figure of *Zoraida sinuosa* (Boheman) drawn from a specimen from Sierra Leone in the British Museum. A comparison of this figure with the figure cited in the synonymy of the preceding species will show the distinct differences.



*Zoraida cumulata* (Walker).

*Zoraida insulicola* Kirkaldy,  
Muir, Philip. Journ. Sci. § D  
12 (1917) 81.

FIG. 4. *Zoraida sinuosa* (Boheman); male genitalia, lateral view.

I have examined the type of this species in the British Museum; it is the same as Kirkaldy's species.

#### Genus **LEUROMETOPON** nomen novum

*Mindana* Muir, Philip. Journ. Sci. § D 12 (1917) 94, preoccupied in Coleoptera, Allard, Bull. ou C. R. Soc. Ent. Belg. 33 (1889) cxii.

I have to thank Doctor Bergroth for pointing out that the name *Mindana*, proposed by me in 1917, is preoccupied in Coleoptera. As a substitute for *Mindana* Muir I offer *Leurometopon*.



## ILLUSTRATIONS

### TEXT FIGURES

- FIG. 1. *Zoraida kalshoveni* sp. nov.; male genitalia, lateral view.
2. *Zoraida kalshoveni*, sp. nov.; female genitalia, dorsal view.
3. *Zoraida bakeri* sp. nov.; female pregenital plate, lateral view.
4. *Zoraida sinuosa* (Boheman); male genitalia, lateral view.