

## Two new species of *Diestrammena* from Southern Japan (Orthoptera: Rhaphidophoridae: Aemodogryllinae)

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Two new species of the subgenus *Diestrammena* are described from Southern Ryukyu. These species differ from all other congeners in the structure of head rostrum and abdominal apex.

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### ***Diestrammena (Diestrammena) nicolai* sp. n.** (Figs 1-4)

*Holotype*. ♂, **Japan, Ryukyu**, Yaeyama Is., Iriomote I., forest, at night, VII.2001, N. Orlov (Zoological Institute, St.Petersburg).

*Paratypes*. 2 ♂, 9 nymphs, same data as in holotype.

*Description*. Male (holotype). General appearance as in *D. (D.) ingens* Karny from Taiwan (coloration brown, rather light, with dark rostrum, two pairs of vertical stripes under eyes and antennae, a pair of spots behind eyes, darkish band along hind edge of all tergites and slight spots on legs). Rostral tubercles slightly longer than in Fig. 6. Lateral ocelli more or less intermediate between those in Figs 5 and 6. Fore femora with 4-5 inner lower spines; hind femora with 7-9 inner and 2-3 outer lower spines; fore and middle tibiae with 2 pairs of spines and 5 spurs (3 lower and 2 upper); hind tibiae with 33-35 inner and 36-38 outer upper spines, and with 6 spurs (the longest spur longer than 1st tarsal segment).

Genital plate with large but shallow lower inflation (Fig. 4). Genitalia similar to those of *D. ingens*, but epiphallus and median lobe of dorsal fold somewhat differently shaped (Figs 1-3).

Female unknown.

Length of male (mm). Body 23-26; pronotum 12-13; fore femora 18-20; hind femora 39-42; hind tibiae 42-46.

*Etymology*. This species is named in honour of Nikolay Orlov.

### ***Diestrammena (Diestrammena) iriomotensis* sp. n.** (Figs 6, 7)

*Holotype*. ♀, **Japan, Ryukyu**, Yaeyama Is., Iriomote I., forest, at night, VII.2001, N. Orlov (Zoological Institute, St.Petersburg).

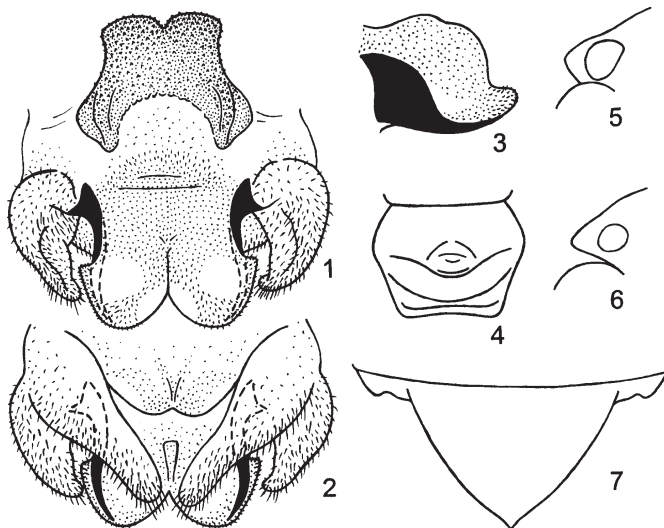
*Paratypes*. 9 nymphs, same data as in holotype.

*Description*. Female (holotype). General appearance as in *D. (D.) japonica* Blatch. (coloration brown, distinctly spotted, with dark rostrum, a pair of wide vertical stripes from eyes to anteclypeus, and a pair of spots behind eyes), but body larger, rostral tubercles longer, and lateral ocelli smaller (for comparison see Figs 5, 6). Hind femora with 1-3 outer and 4-5 inner lower spines; fore and middle tibiae with spines and spurs as in *D. nicolai* (but middle tibiae without proximal inner spine); hind tibiae with 32-33 inner and 35-37 outer upper spines, and with spurs as in *D. nicolai*.

Genital plate as in Fig. 7. Ovipositor as in *D. japonica*. Male unknown.

Length of female (mm). Body 31; pronotum 11; fore femora 16.5; hind femora 36; hind tibiae 38; ovipositor 18.

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**Figs 1-7.** *Diestrammena*. 1-4, *D. nicolai* sp. n., male (holotype); 5, *D. japonica* Blatch., female (Honshu I., Tsukuba); 6, 7, *D. iriomotensis* sp. n., female. Genitalia from above (1) and from below (2); median lobe of genital dorsal fold from side (3); genital plate from below (4, 7); head rostrum from side (5, 6).