

NEW RECORDS OF TWO PLANT BUG GENERA
(HETEROPTERA: MIRIDAE: PHYLINAE: PILOPHORINI) FROM JAPAN,
WITH DESCRIPTIONS OF TWO NEW SPECIES

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Abstract.—Two genera of the ant-mimetic plant bug tribe Pilophorini, *Druthmarus* Distant and *Hypseloecus* Reuter, are reported from Japan for the first time. A new species in each genus, *Druthmarus miyamotoi*, n. sp., and *Hypseloecus takahasii*, n. sp., is described from the Ryukyu Islands in southwestern Japan.

Key Words: Heteroptera, Miridae, *Druthmarus*, *Hypseloecus*, new species, Japan

During our continuing investigations in the Ryukyus, or subtropical islands of southwestern Japan, two unique species of the phylinae plant bug have been discovered. These bugs were confirmed to be undescribed species of *Druthmarus* Distant and *Hypseloecus* Reuter, or members of ant-mimetic tribe Pilophorini, not previously recorded from Japan. These two new species are described in the present paper.

All measurements in the text are given in millimeters. In the generic synonymic lists, only selected references are cited; see Kerzhner and Josifov (1999) and Schuh (1995) for detailed lists. The type specimens are deposited in Hokkaido University of Education, Sapporo.

Genus *Druthmarus* Distant

Druthmarus Distant 1909: 452; Schuh 1995: 455; Kerzhner and Josifov 1999: 278. Type species: *D. magnicornis* Distant 1909. Monotypic.

This small genus currently comprises only three species in the Oriental Region and Taiwan, and is easily recognized by the fuscous, oval body with densely distributed, silvery, scale-like setae, and a conspicuous,

terete or box-like antennal segment II. Detailed generic diagnosis and redescription, including male genital structure, were provided by Schuh (1984). The present discovery of a member of *Druthmarus* from Okinawa Island represents the northernmost distributional record for the genus.

Druthmarus miyamotoi Yasunaga,
new species
(Figs. 1, 4–6)

Description.—Body generally fuscous, suboval, small, with densely distributed, silvery, scale-like setae that are easily rubbed away; dorsal surface subshining, rather shagreened, impunctate. Head somewhat shagreened, with dense, silvery, reclining, scale-like setae; vertex carinate basally; head below eyes, except for tylus, polished. Antenna fuscous; segment II terete but distinctly flattened; basal $\frac{1}{3}$ – $\frac{1}{2}$ of segment III and basal $\frac{1}{5}$ of IV yellowish brown; lengths of segments I–IV ($\delta/\text{♀}$): 0.17/0.17, 0.89/0.85, 0.31/0.30, 0.34/0.32. Rostrum shiny dark brown, reaching apex of mesocoxa. Thorax unicolorously fuscous, rather shagreened. Hemelytra weakly shining, with uniformly distributed, dark, simple setae