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New Records of Two Water Striders (Heteroptera, Gerridae) from the Ryukyu Islands, Japan

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Through our field researches to the Ryukyu Islands, we were recently able to detect two unrecorded water striders of the genus *Limnogonus* STÅL. Here, we are going to record these species new to Japan.

In the text, the following abbreviations are used for the depositories of material or the wing form of water striders: [SUU] Saitama University, Urawa; [TUA] Tokyo University of Agriculture, Tokyo; [w] macropterous (winged) form; [wl] apterous (wingless) form.

Limnogonus (s. str.) *nitidus* (MAYR, 1865)

This gerrid has hitherto been recorded from Indo-China (northward to N. Vietnam), Malaysia, Indonesia, India, etc., and it is recognized from the Yaeyama Group of the Ryukyus for the first time.

Specimens examined. 1♂(wl), Nagura, Ishigaki Is., 2. III. 1991, S. TACHIKAWA (TUA); 2♂(w) 4♀(w), Kubura, Yonaguni Is., 10. X. 1990, M. HAYASHI *et al.* (SUU).

Limnogonus (s. str.) *hungerfordi* ANDERSEN, 1975

This water strider has been widely known from SE. Asia and Australia, extending northward to Taiwan (ANDERSEN, 1975), and it is newly collected from several islands of the Sakishima Group. The habitat is small pond or small river bordered emerged plants, and the water striders selectively live inside the vegetation. The environment where they inhabit resembles the habitat of *Neogerris parvulus* (STÅL) occurring in the Amami and Okinawa Groups, C. Ryukyus.

Specimens examined. [Miyako Is.] 1♂(wl) 1♀(wl), Urasoko, Gusukube, 22. XI. 1992, M. HAYASHI (SUU); 2♂(w) 3♂(wl) 9♀(wl), same data except 13. V. 1995 (SUU); 1♀(wl), Sakitagawa, Shimoji, 14. III. 1990, S. TACHIKAWA (TUA). [Ishigaki Is.] 1♂(wl), Hoshino, 7. IV. 1992, M. HAYASHI *et al.* (SUU); 3♂(wl) 5♀(wl), Tôro-gawa Rv., 9. III. 1990, S. TACHIKAWA (TUA); 1♂(wl), Hoshino/Ôsato, 30. III. 1991, M. HAYASHI (SUU); 6♂(wl) 11♀(wl), Takeda, 11. III. 1990, S. TACHIKAWA (TUA); 1♀(wl), same data except 3. III. 1991 (TUA); 5♂(wl) 7♀(wl), same data except 29. III. 1995 (TUA); 2♂(wl), Nagura, 12.

III. 1990, S. TACHIKAWA (TUA); 5♂(*wl*) 1♀(*wl*), same data except 2. III. 1991 (TUA); 2♂(*w*) 1♀(*w*), Mt. Banna-dake, 17. X. 1990, M. HAYASHI *et al.* (SUU). [Iriomote Is.] 5♂(*wl*) 9♀(*w*), Komi, 29. V. 1990, M. HAYASHI *et al.* (SUU); 2♀(*wl*), same data except 7. VII. 1993 (SUU); 15♂(*wl*) 10♀(*wl*), same data except 29. IX. 1993 (SUU); 1♂(*w*), Aira, 14. X. 1990, M. HAYASHI *et al.* (SUU); 5♂(*wl*) 3♀(*wl*), Sumiyoshi, 4. III. 1991, S. TACHIKAWA (TUA); 1♂(*w*) 35♂(*wl*) 1♀(*w*) 20♀(*wl*), same data except 7. III. 1991 (TUA); 9♂(*wl*) 11♀(*wl*), same data except 31. III. 1995 (TUA). [Yonaguni Is.] 1♀(*wl*), Tabaru, 10. X. 1990, M. HAYASHI *et al.* (SUU); 1♂(*wl*) 3♀(*wl*), same locality, 9. III. 1991, S. TACHIKAWA (TUA); 1♂(*w*) 8♂(*wl*) 4♀(*wl*), same locality, 5. X. 1993, M. HAYASHI *et al.* (SUU); 2♀(*wl*), Sonai/Higawa, 5. IV. 1992, M. HAYASHI *et al.* (SUU); 3♂(*wl*) 4♀(*wl*), Kubura, 10. III. 1991, S. TACHIKAWA (TUA).

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