

Preliminary List of Uropodidae (Acari: Gamasida) from the Northern Mariana Islands, Micronesia

Nobuo Hiramatsu

Kakumei Girls' Senior High School
1-11-8, Kamikoshima, Nagasaki 850, Japan

Abstract Twelve species of Uropodidae were collected for the first time from the northern Mariana Islands and are reported here.

Key words: Uropodidae, northern Mariana Islands.

From May to June 1992, a biological expedition to the northern Mariana Islands, Micronesia, was conducted by the Natural History Museum and Institute, Chiba. In this expedition, uropodid mites were collected by Mr. Taiji Kurozumi of the museum, and he sent the specimens to Dr. Kazuo Ishikawa, Matsuyama Shinonome College for asking identification. I received the materials from Dr. Ishikawa, identified them. Since precise identification has not been made and very difficult due to lack of information on uropodid fauna in the Marianas, here I present a tentative list for them. All of these species are reported for the first time from the northern Marianas. Detailed taxonomic on these species will be published elsewhere. For general information on the sampling sites of each species, see Kurozumi (1994).

List of Collected Species

Order Acari Suborder Gamasida Family Uropodidae

Trigonuropoda sp. A: ANATAHAN (An-1).
Trigonuropoda sp. B: GUGUAN (G-2), PAGAN (P-3), ASUNCION (As-1, 2) and MAUG (M-2).
Trigonuropoda sp. C: ANATAHAN (An-1) and ALMAGAN (Al-3).
Trigonuropoda sp. D: ANATAHAN (An-4),

PAGAN (P-3) and AGRIHAN (Ag-3).

Uroobovella sp. A: GUGUAN (G-2) and MAUG (M-2).

Uroobovella sp. B: ALAMAGAN (Al-3), PAGAN (P-3), AGRIHAN (Ag-3), ASUNCION (As-1, 2), MAUG (M-2) and URACAS (U-1).

Uroobovella sp. C: ALAMAGAN (Al-3), PAGAN (P-3), AGRIHAN (Ag-3), ASUNCION (As-1, 2), MAUG (M-2) and URACAS (U-1).

Uroobovella sp. D: AGRIHAN (Ag-3, 4).

Metagynella sp. A: PAGAN (P-3).

Metagynella sp. B: AGRIHAN (Ag-4).

Trichouropoda sp. A: ASUNCION (As-2).

Trachyuropoda sp. B: MAUG (M-2).

Acknowledgments

I wish to express my sincere thanks to Mr. Taiji Kurozumi, Natural History Museum and Institute, Chiba, and Dr. Kazuo Ishikawa, Matsuyama Shinonome College, for giving me the opportunity to examine the interesting materials.

References

Kurozumi, T. 1994. Preliminary report on soil macrofauna from the northern Mariana Islands, Micronesia. In Asakura, A. and T. Furuki (eds.), Biological Expedition to the Northern Mariana Islands, Micronesia. Nat. Hist. Res., Special Issue (1): 103-106.