

S-3

**Two Species of Marine Tardigrades of Genus *Halechiniscus*
Richters, 1908 (Heterotardigrada: Halechiniscidae) from Cheju Island**

Hyun Soo Rho*, Cheon Young Chang
Department of Biology, Taegu University

Two species of marine tardigrades belonging to family Halechiniscidae, *Halechiniscus* n. sp. and *H. remanei* Schulz, 1955 were collected from the intertidal or shallow sublittoral coralline sands at Udo I., Cheju I. The present new species shares the character combinations of the large cirrophori supporting cephalic cirri and the evident lateral body processes with the congeners as follows: *H. tuleari* Renaud-Mornant, 1979, *H. paratuleari* Grimaldi de Zio *et al.*, 1988, *H. macrocephalus* Grimaldi de Zio *et al.*, 1988, and *H. chafarinensis* Grimaldi de Zio *et al.*, 1995. However, this new species is easily distinguished from them by the shape and position of lateral body processes, and the contour of head portion not clearly divided into two lobes. We provide illustrations and photographs of two Korean species with a revised key to the species of the genus *Halechiniscus*.

S-4

**A Systematic Study of *Rivellia alini* Enderlein and Its Allied Species
in Korea (Diptera: Platystomatidae)**

변혜우*, 한호연
연세대학교 생명과학과

Rivellia alini Enderlein and its allied species are taxonomically studied for the first time in Korea. The following six species, including two new species and two uncertain species, are recognized: *Rivellia alini* Enderlein, *R. mandschurica* Hennig, *R. n.sp. 1~2*, *R. species near charbinensis* Enderlein, and *R. species near parilis* Frey. These six species are distinguished from the other *Rivellia* species by having surstyli longer than cerci in male genitalia. Larvae of *Rivellia* are known to feed on nodules of the legume family, but host plants are not recognized in Korea. At least, we collected *R. n.sp.1~2*, *R. charbinensis*, and *R. parilis* from the foliage of the legume species.