

A719 **Some Hydroids from Dokto Island, Korea**

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As a part of ecological survey of Dokto Island, Korea, hydroid collections were made in its intertidal and subtidal zones by the one of present authors during the period from 12-15th May, 1999. The hydroid specimens were identified into 13 species in 10 families (Corymorphidae, Corynidae, Eudendriidae, Solanderiidae, Tubulariidae, Lafoeidae, Halceiidae, Campanulariidae, Sertulariidae and Plumulariidae) of two orders (Athecatae and Thecatae). Two species of them, *Rhizorhagium sagamiense* Hirohito, 1988 of the family Bougainvilliidae and *Fukaurahydra anthoformis* Yamada, 1977 in Corymorphidae were turned out to be new to Korean fauna. Looking with a sidelong glance *F. anthoformis* looks like actinians. The family Corymorphidae is the first record in Korea.

A720 **The Korean Species of the Subfamily Corophiinae (Crustacea: Amphipoda: Corohiidae)**

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The Korean species of the subfamily Corophiinae including unrecorded speceis are studied here with description and geographic consideration. Until now, four species of Corophiinae were reported in Korea.

The position of the genus *Corophium* sens. lat. had been debated for a long time for its heteromorphic characters such as urosome segmentation, form of mandibular palp, and insertion pattern of uropod 1 and 2. Therefore, the subfamily Corophiinae which embraces 13 genera was recently proposed through morphological character state analysis. We report Korean corophiins with this new status in this study.