

## A709

Systematics on the Copepods (Crustacea) Associated with Korean Ascidians

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The ascidicole copepods collected from Ascidians (*Ascidia sydneyensis samea* (Oka) and *Halocynthia roretzi* (v. Drasche)) in the Kang-won-do and Köjedo from Desember 1986 to June 1995 were identified as *Lonchidiopsis hartmeyeri* Vanhöffen, 1917 and *Pachypygus curvatus* Ooishi, 1961. These two species are redescribed with illustrations. They are new to Korean fauna. *L. hartmeyeri* had been known from Japan and Australia. *L. hartmeyeri* is distinguishable from the other two known species, *L. tripes* Stock (1967) and *L. setosus* Jones & Moreno (1981) by the fact that it has the relatively well-developed legs 1-4 and the fifth pedigerous segment fused to the brood pouch. *Pachypygus curvatus* is very close to the *P. australis* Gotto, 1975. But *P. curvatus* is distinguishable from *P. australis* by the following characteristics: the former has two lateral spines on the third segment of leg 4 and the latter has not these spines, basal segment of leg 5 of the former is not produced into a triangular protuberance and the latter is produced outer distal angle into a distinct triangular protuberance.

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New Records of Three Cumaceans (Crustacea, Malacostraca, Cumacea) from Korea

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During the continuous taxonomic study on Korean cumaceans, we investigated cumacean specimens collected from Samch'ök, Ulsan, Tökjök Is. and Cheju Is. in the Korean coast from October 1993 to May 1996. They were identified as *Hemilamprops californica* Zimmer, 1936, *Cumella arguta* Gamo, 1962 and *Bodotria ozolinshi* Tzareva and Vassilenko, 1993. These three species are new to Korean fauna.