

**The Occurrence of a Terrestrial Harpacticoid Copepod,
Phylloganthopus viguieri (Maupas, 1892)
from Agrihan Island, the Northern
Mariana Islands, Micronesia**

Yoshiaki Kikuchi

Itako Hydrobiological Station, Ibaraki University
Ohu, Itako-machi, Ibaraki 311-24, Japan

Abstract During the biological expedition to the northern Mariana Islands, a single female specimen of copepodid stage V of a terrestrial harpacticoid copepod, *Phylloganthopus viguieri* (Maupas, 1892) was collected from leaf litter of forest of *Elaeocarpus shaericus* on the Agrihan Island. This is the first record of the terrestrial harpacticoid from the northern Marianas.

Key words: Harpacticoida, Copepoda, Agrihan Island, *Phylloganthopus*.

In May and June 1992, the biological expedition to the northern Mariana Islands was carried out by the Natural History Museum and Institute, Chiba, and a terrestrial harpacticoid copepod was collected from leaf litter of forest of *Elaeocarpus shaericus* in the Agrihan Island. Although there is only one specimen of copepodid stage V, this is the first record of the terrestrial harpacticoid from the northern Marianas.

Class Crustacea

Order Harpacticoida

Family Phyllognathopodidae

1. *Phylloganthopus viguieri* (Maupas, 1892)

Specimen examined. 1 female (copepodid stage V). Ag-2: North west slope of Agrihan Island (see Kurozumi, 1994 for detailed information on the sampling site). Alt. 200 m, *Elaeocarpus shaericus* -forest, Tullgren Fannel, coll. T. Kurozumi (CBM-ZC-216).

Remarks. Copepodid stage V: The body

length is 357 μ m including rostrum and furcal rami. The body is spindle-shaped and tapers posteriorly. The maxilliped is characteristic in lamelliform. This species is cosmopolitan. According to Lang (1948), this species is found from mossy swamp (*Sphagnum*) and in micro-pools formed on the leaf axis of plants (pineapple).

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References

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