A New Genus of Harpacticoid Copepods (Laophontidae) associated with a Grapsid Crab from Cheju Island, Korea

Sa Heung Kim* and Won Kim

Department of Molecular Biology, Seoul National University

A new genus with a new species of laophontid copepods is described based on the specimen collected from washings of a grabsid crab, *Sesarma pictum* (De Haan) from the intertidal rocky shore of Cheju Island, Korea. On the basis of the unique charicteristics such as (1) the 4-segmented antennule, (2) much slender each segment of P2-P4, (3) presence of a bulbous seta on the female distal segment of P4 exopod, (4) and absence of the modification of P2-P4 in male, it can be placed unequivocally into the family Laophontidae. The new genus shows close affinities to the Mohammed-Gr. of laophontid genus *Onychocamptus* Daday in the setation and segmentation of the female, but is clearly distingushed from the latter in bearing the unmodified male legs. Whereas, *Tapholeon* Wells is similar to the new genus in the absence of the male modification and the presence of the female medial seta on P2 and P3. However, the former differs from the latter in the basic aspects of the generic character combination. A detailed discussion is given with reconsideration of the genus *Onychocamptus* as well as other genera relevant to the subject.