

SCAMIT Code: MBC 70
(dissected specimens retained at
LACMNH--remainder at CMM)

Date examined: 13, June 1988
Voucher by: Dr. Anne Cohen
(LACMNH)

Synonymy: None

Literature: Kornicker, L.S. 1988. Myodocopid Ostracoda of the Beaufort Sea, Arctic Ocean. Smithsonian Contribution to Zoology. No. 456.

Poulsen, E.M. 1962. Ostracoda-Myodocopa, 1: Cypridiniformes Cypridinidae. In Dana Report, 57: 1-414. Copenhagen: Carlsberg Foundation.

Diagnostic Characters and differences from Philomedes dentata:

1. Mandible basis, ventral margin with 8 bristles (not 7). Proximal medial bristles with 3 toothy claws and 2 (not 3) bristles.
2. Mandible second joint, proximal group with 4 bristles (not 3) and at least 2 with long hairs (not 0)
3. Fifth limb's first joint with more teeth than listed for described species.
4. Fifth limb's second joint, on the inner margin, with 2 tiny cusped teeth and 1 bare tooth (not 2 blunt teeth).
5. Fifth limb's fourth and fifth joint with 6 bristles (not 5).
6. Seventh limb has very long central peg. 8 short pegs(not just 8 short pegs) and terminal comb of 1 long and 16 short (8/side)teeth (twice as many short teeth).

Comments:

This animal has been mistakenly identified in the past as Philomedes dentata from collections in Southern California. SCAMIT has re-examined specimens from north of Pt. Concepcion and also from the Orange County coast and Palos Verdes Coast and determined that the anatomical differences between this provisional species and P. dentata are both numerous and consistent. Any records of P. dentata from these regions should be compared to this voucher material.

Figure 1. a. Tip of 7th limb. b. Carapace outline
c. Left mandible

