Philomedes sp. A SCAMIT, 1988
Myodocopidae, Ostracoda

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

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-exam-
ined 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