

SYNONYMY: *Philomedidae* sp SD1 Pasko 2013

Philomedes sp SD1 Pasko 2013

LITERATURE:

Kornicker, LS. 1982. A Restudy of the Amphiatlantic Ostracode *Philomedes brenda* (Baud, 1850) (Myodocopina). *Smithsonian Contributions to Zoology*, 358:28 pages, 9 figures.

Kornicker, LS. 1988. Myodocopida Ostracoda of the Beaufort Sea, Arctic Ocean. *Smith. Contr. Zool. No.* 456.

DISTRIBUTION: Bight' 13 Station 9351, 75m, 20-Aug-2013, Channel Island Strata; CLA-EMD Sample Set.

DIAGNOSTIC CHARACTERS

- Rostrum distally broad, blunt, very weakly incised
- Carapace faintly pitted, with blunt serrations along anterior and ventral margins
- Posterior margin of carapace with up to 10 long setae per valve (not shown). Length = 1/5 of carapace length
- Furca with distinctive Y-shaped sclerite, with 11 claws: 2L-3S-1L-5S. Claws 1 & 2 robust; claws 3, 4, & 5 thinner and smaller; the 6th claw short and thick; the remaining 5 claws short and thick, but less robust than the 6th

NOTE: There appears to some variation in the shape of the 3S claws. The pictures below show a thickened set of 3; where as the specimens from Station 9351 are thin. These photos are from a specimen from San Diego, but the specimen I collected at Station 9351 are the same.

Similarities: *Philomedes* sp C is distinguished from other SCB philomedids by the absence of a rostral incision in combination Y-sclerite of the caudal furca and serrate margin of the carapace.



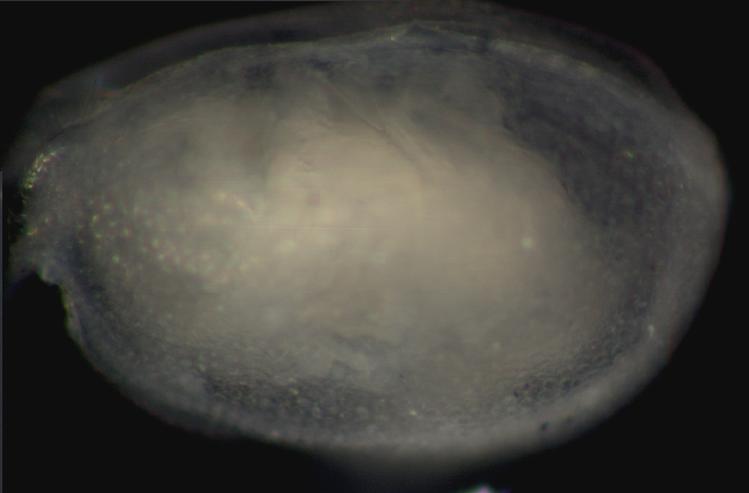
Philomedidae sp C, lateral view



Philomedes sp C, lateral view

Philomedes sp C, lateral view, note carapace pitting

Philomedes sp C, ventral margin of carapace and furca



Philomedes sp C, furca with Y-sclerite

