

Comments on Cumacea for LH – Part 7. The Family Pseudocumatidae
dbcadien 14 December 2006

The family Pseudocumatidae is very poorly represented in the NEP. In European waters, however, and particularly in those of fluctuating or reduced salinity, the family is very abundantly represented and has numerous species. The current paucity of reports of these animals in the NEP may reflect deficiencies of sampling in estuarine and oligohaline waters, and may change in future. The single described species in the family in the NEP, *Pseudocuma lagunae*, is known only from the type, not having been seen since its collection near the turn of the last century. The other species, *Petalosarsia sp A* is an offshore species not uncommon in the SCB, but seldom taken in NPDES monitoring programs. The majority of the records of this animal are from the BLM studies of the late 1970's. The material resides at the Natural History Museum of Los Angeles County, where it has been examined by Tony Phillips (Hyperion).

NEP Pseudocumatidae from McLaughlin et al (2005) augmented by known provisional taxa. *= Taxa on the SCAMIT Ed 4 list + addenda. Valid taxa bolded, synonyms not.

Family Pseudocumatidae

Pseudocuma lagunae Baker 1912 – Laguna Beach; 0-1m

***Petalosarsia sp A** Diener 1985§ - SCB; shelf depths

The two genera can be separated on the condition of the first pereopod, which has articles 3 and 4 fused in *Petalosarsia*, and free in *Pseudocuma*. The fifth article of the same appendage is broad in *Petalosarsia*, and unexpanded in *Pseudocuma* (see generic key in Stebbing (1912, pg. 141).

Additional Literature Cited (see Part 1 for Main reference list)

Baker, C. F. 1912. Notes on the Crustacea of Laguna Beach. Annual Report of the Laguna Marine Laboratory 1:100-117.