

SYNONYMY: None known

LITERATURE:

Cadien, DB. (2015). Cumacea of the NEP: equator to Aleutians and intertidal to the abyssPart 6. The Family Nannastacidae. 15 October 2006 (revised 18 October 2013)

Cadien, DB. (2021). Further commentary on NEP Nannastacidae.

Watling, L. (1991). Rediagnosis and revision of some Nannastacidae (Crustacea: Cumacea). Proc. Biol. Soc. Wash. 104(4): 751–775

Watling, L. and LD Mccann. (1997). Cumacea, *In* Taxonomic Atlas of the Benthic Fauna of the Santa Maria Basin and Western Santa Barbara Channel. Vol. 11: The Crustacea Part 2 - The Isopoda, Cumacea and Tanaidacea. J.A. Blake and P.H. Scott, Eds. Santa Barbara Museum of Natural History, Santa Barbara California: 278 pp: 121-180.

DIAGNOSTIC CHARACTERS (Based on females, n=5; See Figures following page)

- Mandibular molar process truncate
- Ocular elements medially fused into single, rounded mid-dorsal lobe not reaching tip of pseudorostrum
- Carapace with spines along middorsal crest, continuing onto pereonites, and frequently on to some pleonites
- Pereonites laterally flaring
- Exopods absent (in female)
- Abdomen shorter than cephalothorax
- Uropodal peduncle short, shorter than pleonite 6

Similarities:

- Differs from *Elassocumella micruropus* (Zimmer 1943) in having spines along the mid-dorsal crest of the carapace, as well as lacking a distinct bump posteriorly and more elongate uropod (peduncle and rami).
- Differs from *Elassocumella krakeri* Jarquin-Gonzalez & Garcia-Madrigal 2013 in having spines along the mid-dorsal crest of the carapace, the absence of long setae on the carapace and pereonites, as well as having more elongate uropod (peduncle and rami).
- Differs from all members of *Cumella*, including *Cumella californica* Watling and McCann 1997, which also has dorsal spines on the carapace, in the absence of exopods on every pereopod and the 3rd maxilliped.

Notes: Cadien 2021 provides a brief but detailed commentary on the history and current status of *Elassocumella*.

Nannastacidae: *Elassocumella* sp SD1
19-April-2019, Station unknown



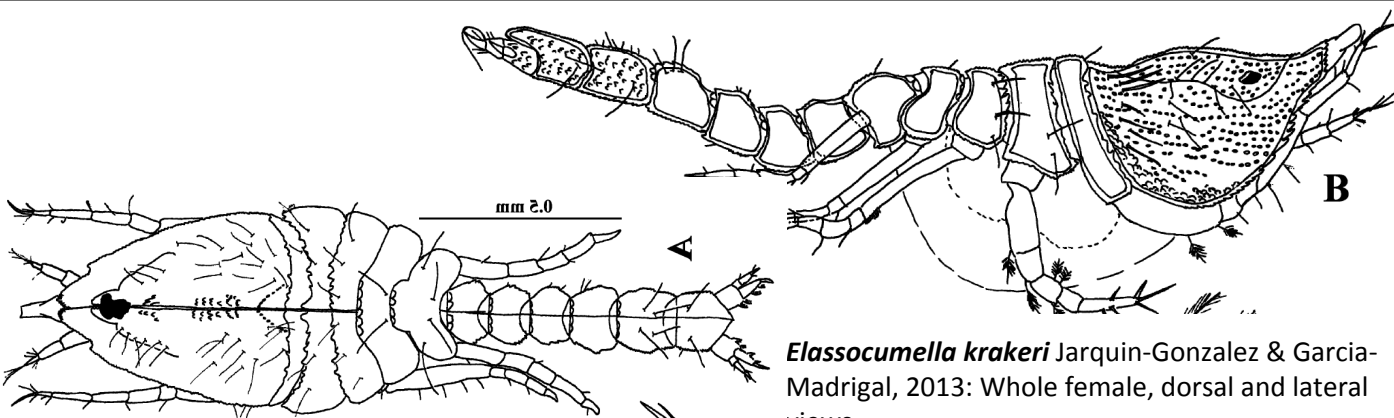
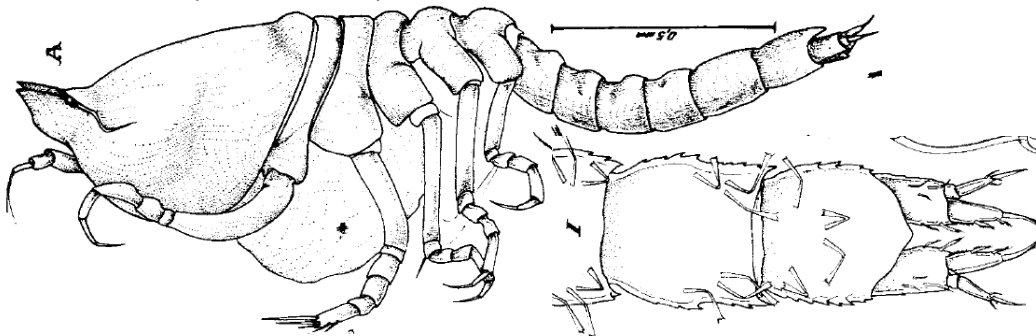
Eye coalesced dorsally

Mxpd 3 and P1-5 w/o exopods

Length of Ur peduncle < 6th pleonite

Pereonites laterally flaring

Elassocumella micruropsus (Zimmer 1943), from Bacescu & Muradian 1977: Whole female, lateral view; urosomite 5, pleotelson, uropods.



Elassocumella krakeri Jarquin-Gonzalez & Garcia-Madrigal, 2013: Whole female, dorsal and lateral views.