

*Parametopella ninis*, new species

Figs. 14, 15

DIAGNOSIS OF FEMALE: Gnathopod 1 slender, simple, its articles 5 and 6 equal in length, the hind margin of article 6 with 4 slender setae, the hind margin of article 7 with 3 slender setae; gnathopod 2 small, slender, its article 5 nearly two thirds as long as article 6, with broad hind lobe, becoming subacute at apex, the palm oblique, straight, defined by 2 spines; articles of antennae simple, not produced; telson with 2 lateral spines on each side.

MALE: Unknown.

HOLOTYPE: AHF No. 586, female, 1.9 mm.

TYPE LOCALITY: Station 5711, Santa Monica Bay, 33-55-54 N, 118-31-16 W, 31 fms, April 18, 1958.

RELATIONSHIP: This species differs from *P. stelleri* (see Gurjanova 1951) by the more slender first gnathopod, the slimness of the posterior setae of article 6, and the unproduced articles of the antennae as well as the second gnathopods which are known for the male in *P. stelleri*. It differs from *P. cypris* (Holmes 1905: 484) by the slightly longer fifth article of gnathopod 2 which has a broad hind lobe, not a slender, apically rounded, slightly constricted lobe as seen in *P. cypris*.

The writer cannot clearly discern the line separating urosome segments 5 and 6. Despite the large number of specimens no male was found; all specimens have brood plates.

MATERIAL: 37 specimens from 24 stations.

ECOLOGY: This species has an overall density of 0.5 animals per square meter on the coastal shelf. It is restricted to depths between 31 and 100 fathoms.

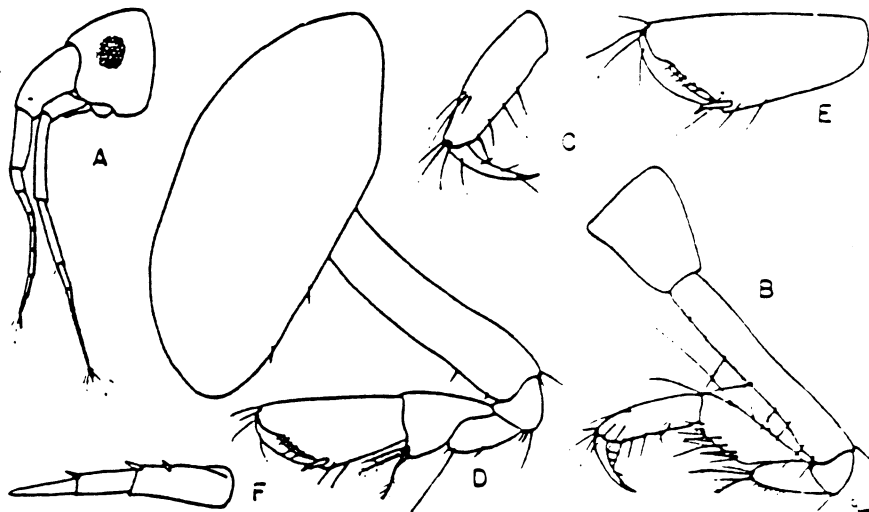


Fig. 15. *Parametopella ninis*, n. sp. Female, 2.3 mm, sta. 5163: A, head; B, C, gnathopod 1; D, E, gnathopod 2; F, uropod 3.

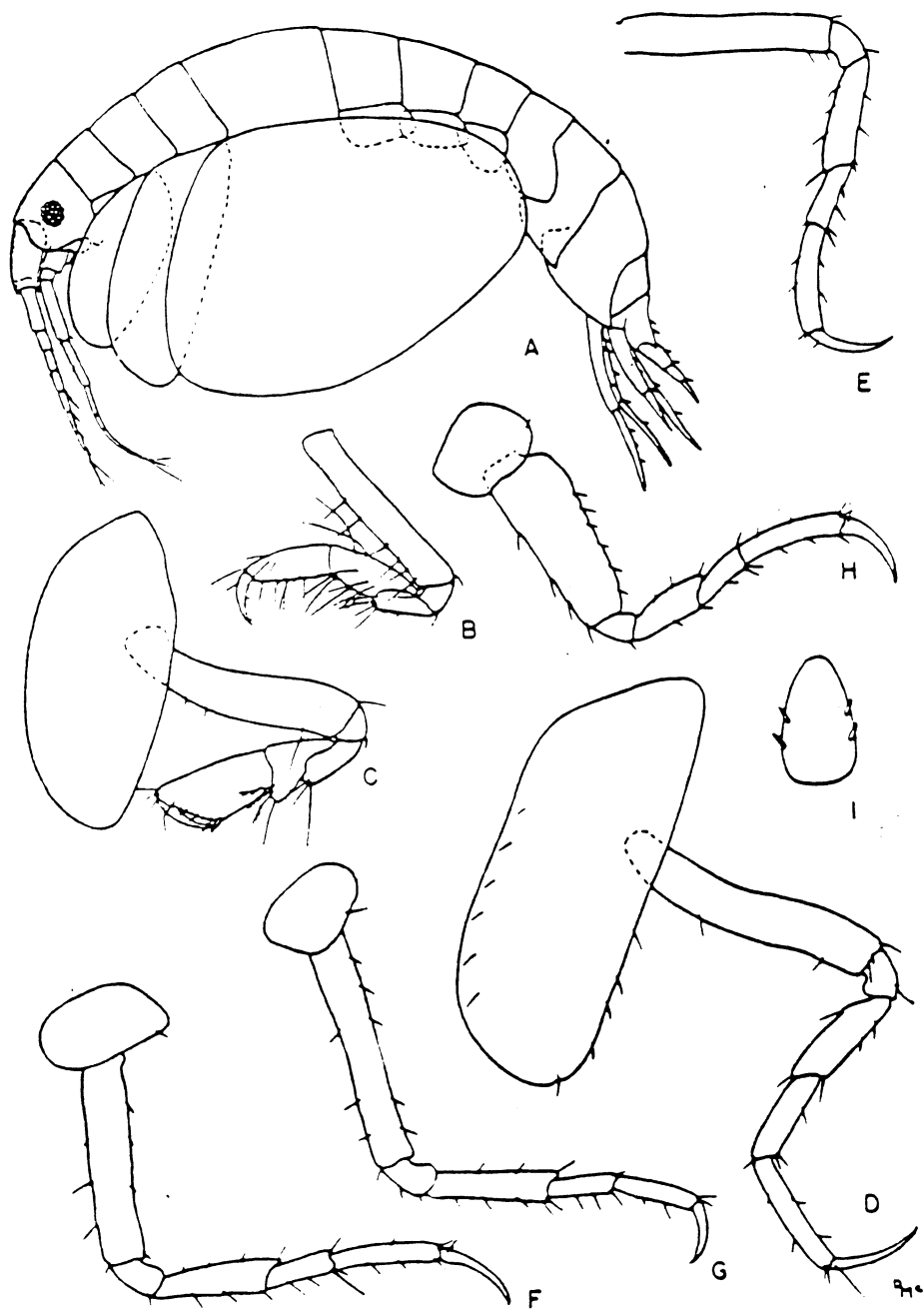


Fig. 1+. *Parametopella niris*. n. sp. Female, holotype, 1.9 mm, sta. 5711: A, lateral view; B.C, gnathopods 1, 2; D.E.F.G.H, peraeopods 1, 2, 3, 4, 5; I, telson.