

Paramunna sp A SCAMIT 1996
Group: Pleurogoniidae

SCAMIT Vol. 15, No. 2

SCAMIT CODE: None

Date Examined: 30 May 1996

Voucher By: Don Cadien

SYNONYMY: None

LITERATURE: Iverson, E. W. and G. D. Wilson. 1981. *Paramunna quadratifrons*, new species, the first record of the genus in the North Pacific Ocean (Crustacea: Isopoda: Pleurogoniidae). Proc. Biol. Soc. Wash. 93(4):982-988.

DIAGNOSTIC CHARACTERS:

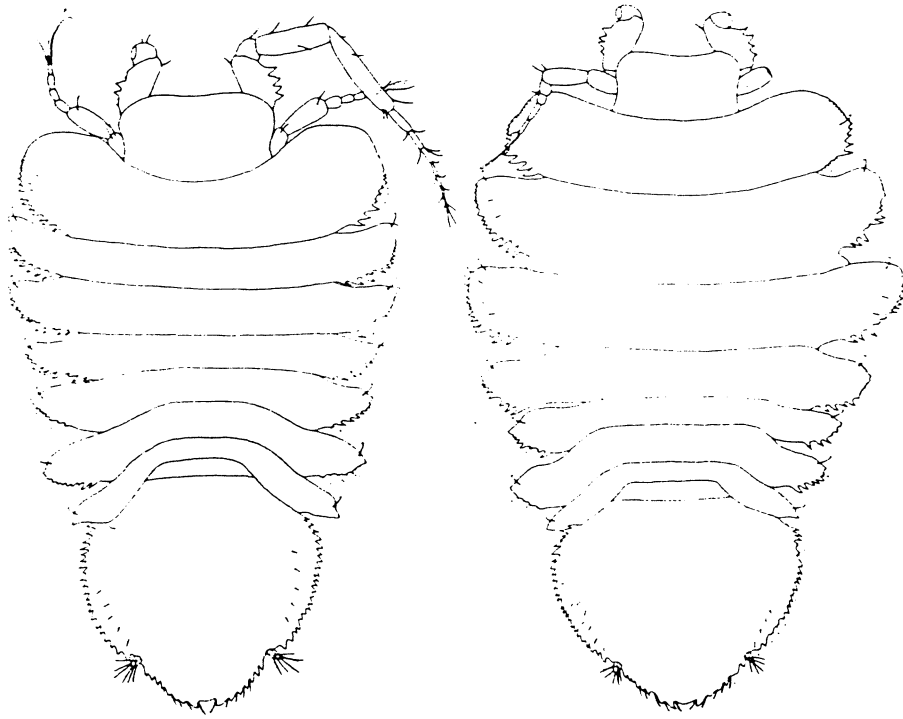
1. Lateral margins of pereonites serrate or dentate; the anteriormost tooth enlarged and anteriorly pointing on first three pereonites
2. Lateral margins of basal 2/3 of pleotelson dentate; two strong teeth on the rounded end of the pleotelson in the position where uropods are usually found
3. Frons rounded and prominently granulate; cephalon bearing two granulate tubercles above antennal bases; eyelobes narrow, short, not exceeding antennal bases laterally, eyes unpigmented or lacking
4. Article 3 of antennal peduncle with several strong lateral teeth basally, and many small lateral spines distally
5. uropods inserted dorsally on the pleotelson, somewhat removed from the margins, and at about 2/3 of pleotelson length; uropods flattened, apparently biarticulate, with the distal segment much smaller

RELATED SPECIES AND CHARACTER DIFFERENCES:

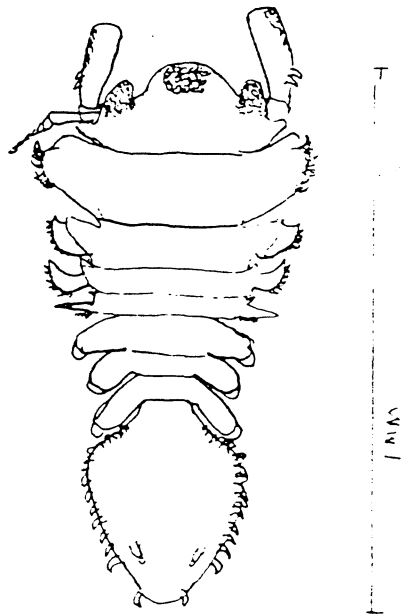
1. Differs from *Paramunna quadratifrons* [the only other member of the genus known from the north Pacific] in having a rounded rather than quadrate frons; in having the two granulate cephalic tubercles; in lacking strong lateral teeth anteriorly on the antennal peduncle third article; and in having incomplete marginal teeth on the pleotelson. According to G. D. Wilson this species belongs in the *Paramunna bilobata* complex.
2. Differs from all other north Pacific asellotes in having denticulate or serrate borders to the pereonal segments

DEPTH RANGE: 100 m: as yet known from only one sample

DISTRIBUTION: off Del Mar, San Diego County, California



Paramunna quadratifrons male (left) and female (right) from Iverson and Wilson 1981



Paramunna sp A SCAMIT 1996 male [scale bar = 1mm] 100m off Del Mar, coarse sediment