**Photis sp. B SCAMIT 1995**

Isaediae

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SCAMIT CODE: none

Date Examined: 13 March 1995
Voucher by: Carol Paquette

SYNONYMY:  *Photis* sp B Paquette 1987


DIAGNOSTIC CHARACTERS:

1. Eyelobe acute and concavely sided.
2. Body pigmented greyish-white, similar to *Aoroides columbiae*.
3. Antennae sparsely setose, setae short.
4. Antenna 2 peduncle segments 2 and 3 very long and subequal.
5. Coxa 1 with rounded antero-ventral corner and scalloped ventral margin.
6. Eye small and diffuse.
7. Male gnathopod 2 with elongate article 6, dactyl overlapping both palm and the short defining tooth, and a more shallow "v" near the base of the dactyl caused by a large palmar tooth.

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![Amphipod Drawings](image-url)

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RELATED SPECIES AND CHARACTER DIFFERENCES:

1. Can be easily and quickly differentiated from all other local Photis by the shape of the eyelobe and body pigmentation.

2. Using Conlan's (1983) key, females key to P. macinerneyi, which also has weak antennal setation. However, the characters given above will differentiate them easily.

3. Using Conlan’s key, males key to P. lacia, except that the gnathopod 2 palmar tooth is not square.

DEPTH RANGE: 30-66 m

DISTRIBUTION: Pt. Conception to Newport Beach, California

NOTES: Like P. bifurcata, this species is mature at very small size (2-2.5 mm). Specimens were taken at Goleta (the shallowest location recorded) from organically enriched sediment containing polychaete tubes, and both drift and attached algae. Co-occurring Photis species include P. brevipes, P. californica, P. bifurcata, P. lacia, and P. sp. A MBC 1972.