

Photis californica

Diagnostic Characters:

Male:

G2, palmar tooth tapered, inner margin of dactyl swollen, distinctly narrowed distally
 Body without numerous pigment spots
 Head without pigment patch dorsally
 Antenna 1 with line of pigment in peduncular articles
 G1, article 5, anterior margin bare
 Coxae densely setose
 G1, article 5 subequal to article 6, posterior margin elongate and unproduced, article 6 sinuous, defining corner rounded
 G2, article 6 broad with defining tooth or process on posterior margin
 G1 palm concave or sinuous
 G1, article 5 subequal to 6
 G2 palm transverse

Female:

G2, article 2 broad, strongly produced anterior-distally
 G1, article 2, broad, posterior margin convex
 Antenna 1, peduncular articles with pigment stripes
 Coxa 5 with pigment spot
 G2, palm distinctly concave, defining corner rounded, no tooth
 Body and head without pigment patches
 G1, palm concave or sinuous
 Eye normal
 P4, articles 4 and 5 normal, slender

Illustration:

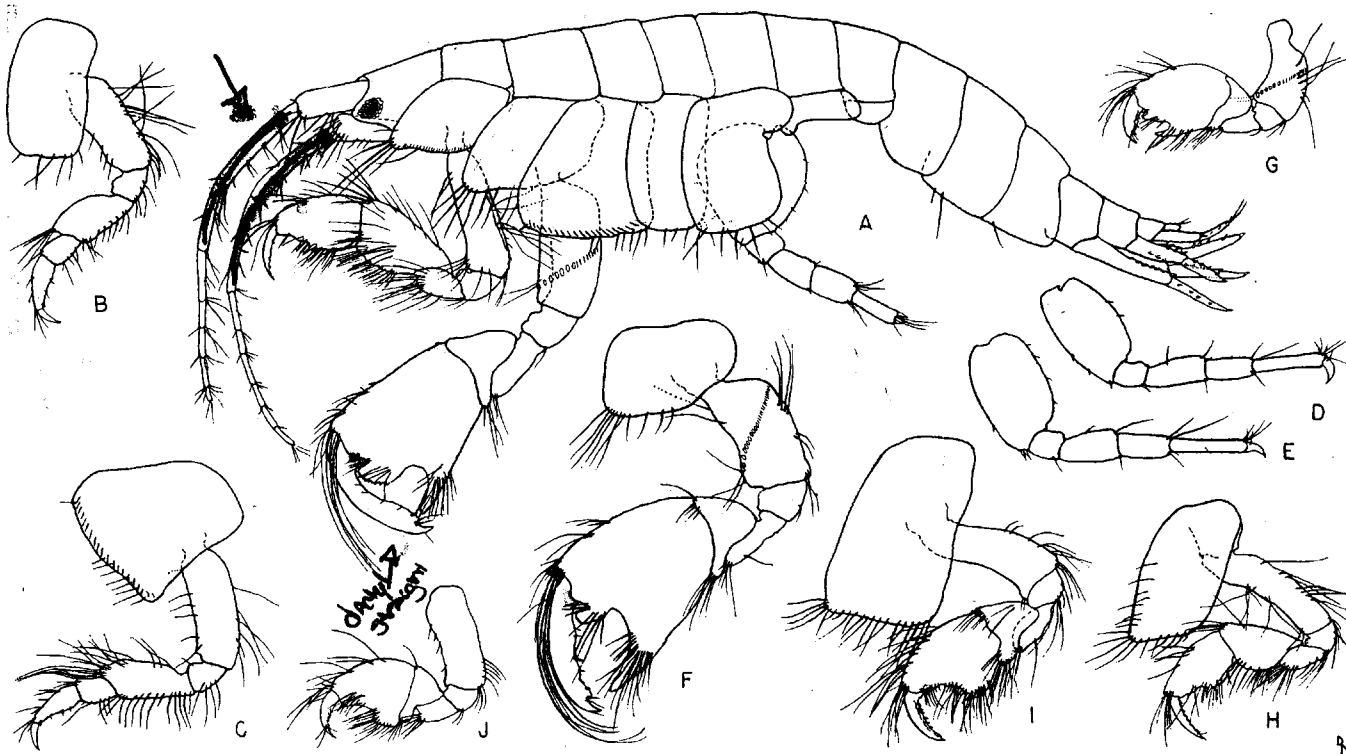


Fig. 12. *Photis californica* Stout. Male, 4.3 mm. sta. 4743. A, lateral view; B,C,D,E, peraeopods 1, 2, 4, 5. Male, 4.0 mm, sta. 4743: G, gnathopod 2. Female, 5.3 mm, sta. 4743: H,I, gnathopods 1, 2. Female, 3.0 mm, sta. 4743: J, gnathopod 2.