**Photis sp F SCAMIT 1995**

**Family: Isaeidae**

---

**SCAMIT CODE:** None

**Date Examined:** 12 December 1995

**Voucher By:** Timothy Stebbins & Dean Pasko

**SYNONYMY:** *Photis* sp SD2 of Point Loma

**LITERATURE:**

**DIAGNOSTIC CHARACTERS:**

1. Male with distinct gnathopod 2 (Figure 1A) with a large flat palmer process and a large defining tooth; dactyl overlapping palm. Gnathopod 1 palm sinuous, almost “stepped”, with posterior margin of article 6 equal to 1/2 the length of anterior margin.

2. Coxae weakly setose (< 10 setae along ventral margin). Coxa 1 with scalloped ventral margin. Posterior margins of coxae 1 and 2 strongly curved (i.e., not quadrate) (Figure 1C). Coxa 2 approximately 1/3 wider than deep (width to depth ratio=1.3). Coxa 3 has a quadrate ventral margin.

3. Eyelobe is not acute, though it is tapped.

4. Pigment pattern: body white, without pigment.

**RELATED SPECIES AND CHARACTER DIFFERENCES:**

1. Male gnathopod 2 of *Photis* sp F is very similar to that of *Photis* sp B, but the eyelobe is not acute and gnathopod 1 is quite different.

**COMMENTS:** Female unknown.

**DEPTH RANGE:** 151 m

**DISTRIBUTION:** Southern California Bight Pilot Project station #1874.

Figure 1. *Photis* sp F: (A) gnathopod 2, lateral view; (B) gnathopod 1, lateral view; (C) coxae 1 - 3 (setae not included for coxae 2 & 3).