**Pentamera sp. C**  
Family: Phyllophoridae

Synonymy: none  
Date Examined: 25 August 2004  
Vouchered By: Lisa Haney  
LACSD

---

**DIAGNOSTIC CHARACTERS OF THE GENUS PENTAMERA:**

1. U-shaped.  
2. Body tapers at posterior end.  
3. 10 dendritic tentacles (2 ventral tentacles smaller).  
4. Tube feet non-retractable in 5 distinct double rows.  
5. Calcareous ring with long processes divided into pieces.

---

**IDENTIFYING CHARACTERS OF SPECIES C:**

1. Body white with yellow tube feet rows and a somewhat wrinkly appearance.  
2. Five double rows (that are widely separated) of tube feet with no tube feet scattered in between.  
3. Retractable tentacles.  
4. Supporting tables in tube feet.  
5. Only plates in the body wall and introvert, large and small.

---

**RELATED SPECIES AND CHARACTER DIFFERENCES**

Looks externally similar to Pentamera pseudocalcigera though much more “wrinkly” in appearance. Supporting tables in the tube feet resemble those of Pentamera beebei depicted in Deichmann, 1941 Pl. 15 #5 and #6, although the body wall tables are very different. The body wall plates look similar to Pentamera populifera and Pentamera lissoplaca.

---

**DEPTH RANGE:**

305 meters

---

**HABITAT AND DISTRIBUTION:**

Palos Verdes Peninsula. Olive silt substrate.

---

**LITERATURE:**


Pentamera sp. C

Table Plate in Body Wall  Spires on a Table Plate  Body Wall Plate

Variations of supporting tables in tube feet

Tentacle  Whole Animals

Digital images taken by Lisa Haney  Los Angeles County Sanitation Districts  2004