



# CITY OF SAN DIEGO VOUCHER SHEET

**Species:** *Pentamera pseudopopulifera*

**Authority:** Deichmann 1938

**Common Synonyms:**

**Taxon:** Holothuroidea: Phyllophoridae

**Date:** February 2 1995

**By:** Megan B. Lilly

**Voucher Specimen(s):**

Station	Date	Storage Location	Voucher#

## Characters:

Color - tan/dark. Body wall tables are fairly regular in outline. Supporting tables are curved with large spires. The spires have 4 terminal teeth, but usually only two are seen due to the lateral view of the mount.

**Illustration:** Megan B. Lilly

### Body wall tables

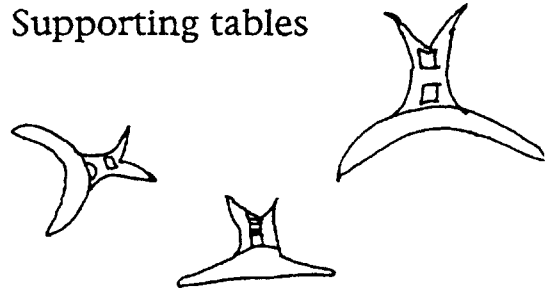
(Spires of body wall tables will be out of focus as they are in the plane coming up towards you).



## Full Description: (Author, 1999)

*Pentamera psuedopopulifera* is a large, dark (at mature size) holothuroid. It can be distinguished from *Pentamera populifera* by making a mount of the spicules. The body wall tables will be regular in outline (with some scattered irregular ones present). The supporting tables will be curved and have large spires which terminate in 4 teeth. Usually only two of these teeth are seen due to the lateral view presented by the mount - see illustration. The tentacles of mature animals will have black spots.

### Supporting tables



## Related Species:

See voucher sheets for *P. populifera* and *Havelockia benti var zacae*.

## Comments:

To see the spicules you need to make a tissue mount. Remove a small piece of tissue from the body wall (try to remove a piece with tube feet so you can see supporting tables as well as body wall tables), and place it on a slide. Place a drop or two of fresh bleach directly onto the tissue/slide and wait 2-5 minutes. Once tissue has dissolved swirl gently to disperse spicules. Gently place a cover slip on the slide (over the bleach) and view.

## References:

Deichman 1938