



Oceanside Biology Laboratory Voucher Sheet

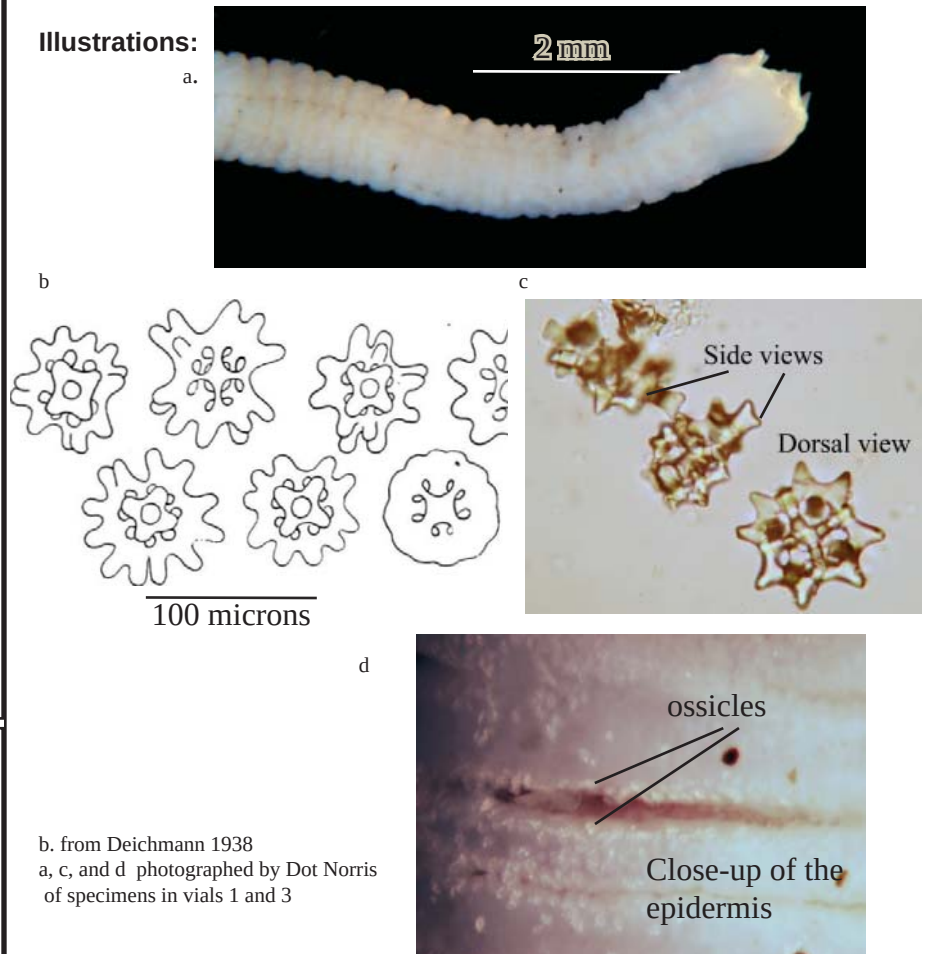
Species: *Paracaudina chilensis*
Authority: Müller 1850
Common Synonyms: Holothuroidea C of authors

Voucher #: E80
Taxa: Class: Echinodermata: Holothuroidea
Original Prep.Date: 12 Aug 2011
Prepared By: Dot Norris
Species Code: PAR_CHILENSIS

Characters:

- White opaque body with wrinkles (see comments) (a)
- No tube feet (a)
- ossicles are circular disks and with spurs and internal verticies (b & c).
- In larger specimens, ossicles are concentrated at the edges of the wrinkles, not evenly distributed on the body (d)
- ossicles interlock on the surface of the epidermis resembling gears

Illustrations:



Additional Information: (Lambert 1997)

Found all around the Pacific Rim in 9 to 900 m, in sandy habitats.

b. from Deichmann 1938
a, c, and d photographed by Dot Norris
of specimens in vials 1 and 3

Similar Species:

Pentamera populifera Cmplx - differ in having tube feet even as juveniles, with perforated plate ossicles
Holothuroidea sp SF1 - smaller species with thin epidermis in the anterior, different ossicles, sometimes with embedded sand grains.

Comments:

Lambert 1997 describes the entire body as gradually tapering posteriorly with a long narrow tail. Our vouchered specimens are only the tail portion of the animal, so the body appears to be cylindrical. As the animal ages, the ossicles develop more spurs and the original structure becomes obscured (Lambert 1997).

Paracaudina chilensis (continued)

References:

- Deichmann E., 1938. Eastern Pacific expeditions of the New York Society. XVI. Holothurians from the western coasts of Lower California and Central America and from the Galapagos Islands. *Zoologica (New York)* 23:361-87.
- Lambert P., 2007. Holothuroidea. in: Carlton J. T., ed. The Light and Smith Manual: Intertidal Invertebrates from Central California to Oregon. 4th ed. London, England: Regents of the University of California. Volume pp. 941-8.
- Lambert P., 1997. *Sea Cucumbers of British Columbia, Southeast Alaska, and Puget Sound*. Vancouver, BC: UBC Press.

Voucher Specimens

Vial Number	Sample Number	Station	Sample Date	Number of Specimens	Comments
1	BSSWD036	SWOO_06	17 Oct 1984	1	Broken in two pieces
2	BSPAE009		26 Oct 1984	1	
3	1009145589	SWOO_54	15 Sep 2010	1	DJN, largest fragment
4	0309112614	SWOO_72	10 Sep 2003	1	CLB

Revision History: