



CITY OF SAN DIEGO VOUCHER SHEET

Species: *Chone* sp SD 1
Authority: Pt. Loma 1997
Common Synonyms:

Taxon: Annelida: Sabellidae
Date: February 13, 1998
By: K. Langan-Cranford
Voucher Specimen(s):

Station	Date	Storage Location	Voucher#
TJI-4	11 Aug 97; 58 ft.	KL	P-84
TJK-6	11 Aug 97; 51 ft.	DLZ	P-2013

Characters:

Collar slightly oblique.
 Branchial lobes not completely hidden by collar.
 6 pairs of radioles.
 Palmate membrane at least 2/3 radiole length.
 Raised ridge in the shape of a tuning fork on the ventral side of the collar (Fig. 1). This structure stains with methyl green.
 Setiger 1 fascicles are smaller than others, except in very small (3mm) specimens where they are the same size.
 Spatulate setae without pointed tips or with minute, hair-like filament.
 Long abdominal capillary setae, twice the length of an abdominal setiger.

Illustration:



Fig. 1

Full Description:

Specimen	Size (mm)	# of radioles	Size of notosetiger 1
San Francisco	5 cm	22 pairs	smaller than others
KL P-84	6 mm	6 pairs	slightly smaller than others
DLZ 2013	5.5 mm	no radioles	slightly smaller than others
Main P-31	3 mm	no radioles	same as others

Related Species:

Chone mollis of Banse 1972. This species does not have the collar ridge as shown in Fig. 1 and does not have long abdominal capillary setae.

Comments:

Specimens were first collected offshore of San Francisco in Feb. and Sept. 1995 at a depth of 25-30 meters. Specimens were subsequently collected at shallow stations offshore of the Tijuana River.
 See Kirk Fitzhugh's notes on "Characters used to distinguish *Chone* species according to Banse 1972". Notes in SCAMIT newsletter Vol. 10(4) August 1991.

References:

Banse, K. 1972. Redescription of some species of *Chone* Kroyer and *Euchone* Malmgren, and three new species (Sabellidae, Polychaeta). Fishery Bulletin 70(2):459-495.