

See Image 85 hv

Terebellides californica Williams, 1984
Trichobranchidae

Vol. 4, No. 11

SCAMIT Code: LACO 62

Date Examined: November 12, 1985
Voucher by: Susan Williams (AHF)

LITERATURE: Williams, 1984

DIAGNOSTIC CHARACTERISTICS:

1. Thoracic setigers 18; abdominal setigers 30-35
2. First notopodia well-developed, with fine, greatly prolonged notosetae (Fig. A).
3. Uncini begin on setiger 6; the first acicular (Fig. B) and the remaining thoracic uncini long-stemmed with an avicular head surmounted by a crest of small teeth (Fig. C). Thoracic uncini average 25-30 per neuropodium.
4. Branchial lamellae moderately fused, with no anterior extension.

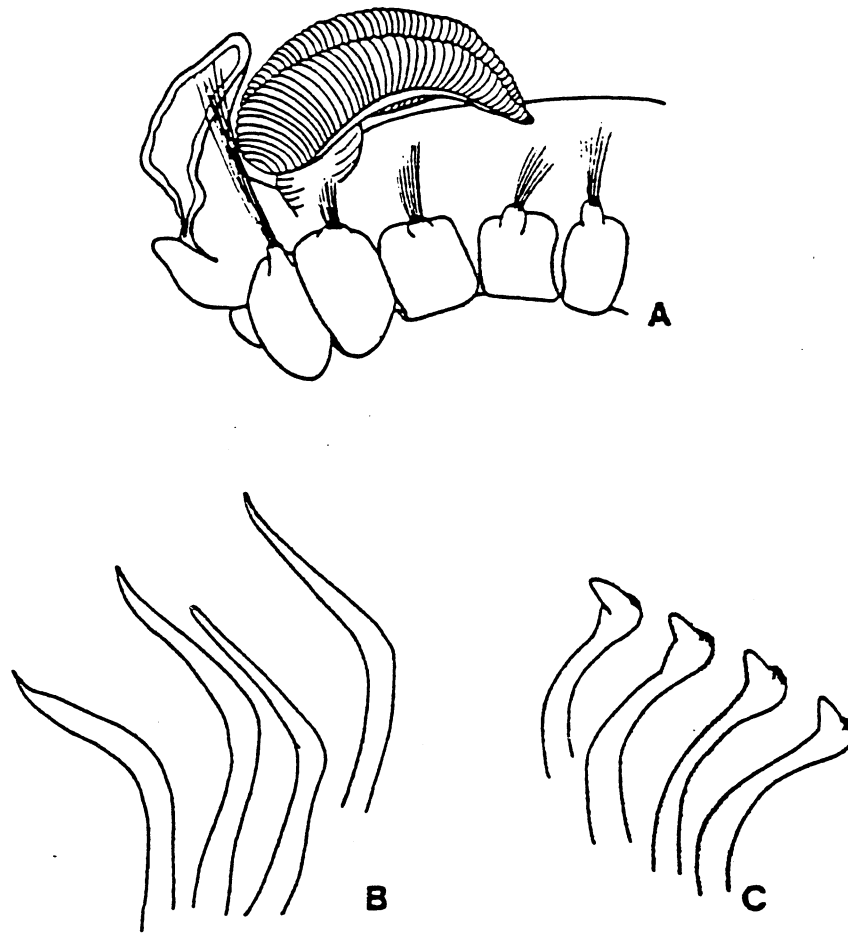
RELATED SPECIES AND DIFFERENCES (California, shelf depths):

Terebellides reishi: First notosetae somewhat reduced; abdominal setigers 40-55

Terebellides kobei: Anterior extension of branchial structure; setiger 3 with a rounded projection at the level of the notopodium.

Terebellides sp C: Branchiae not fused; first notosetae well-developed but not prolonged; large lappet projection on setiger 2; thoracic uncini average 12 per neuropodium; mature to small (12mm) size.

DISTRIBUTION: Oregon to western Mexico; shelf and slope depths.



Terebellides californica n. sp. A) anterior end, B) acicular setae, setiger 6, C) thoracic uncini.

Figures from Williams, 1984

Tom Parker

From: Leslie Harris [lharris@bcf.usc.edu]
Sent: Tuesday, March 13, 2001 10:30 AM
To: tparker@lacsds.org
Subject: Re: Thelepinae

At 08:45 AM 3/13/01 -0800, you wrote:

>Greetings Leslie:

>

>Do you off-hand know of any thelepinae with abdominal uncini arranged in

>nearly complete circle/oval other than description of Thelepus crispus?

>

>I have looked in Hutchings pubs, Fauchald, Hartman and have not encountered

>one. I have some specimens with such an uncinal arrangement...but don't

>seem to fit in Thelepus well.

Hi Tom -

In addition to some Thelepus, there are also species of Streblosoma with complete ovals or C or U shaped arrangements. The C- or U-shaped row can become compressed & contracted to form a nearly complete oval. I have a list of the Streblosoma but not Thelepus -

S. comatus - see Glasby & Hutchings 1987 - J. Nat History 21 977-986 ✓

S. duplicata - see Hutchings 1990

S. dytikos - see Hutchings & Glasby 1990

S. hesslei - see Kudenov 1975

S. uncinatus - see Kudenov 1975

S. sp. - see Hutchings & Glasby 1990

Handwritten notes:
I have not seen this
~~for~~ ~~Columb~~ 87
Bio specimen
7: 217

☐ope this helps-

L.

Leslie H. Harris

Collection Manager,

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TRICHOBRANCHIDÆ OF POINT LOMA

(Check both sides of animal)

Trichobranchidae
K. Langan 8/1/97

Notosetae of setiger 1 clearly longer than notosetae of following setigers

Notosetae of setiger 1 subequal to notosetae of following setigers

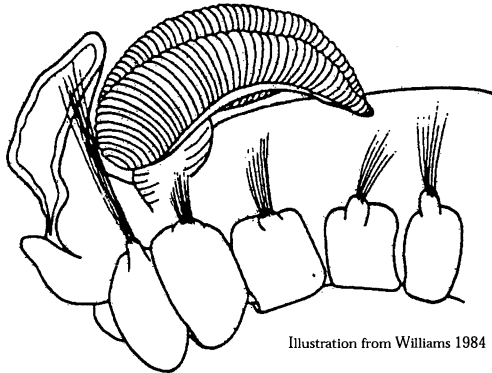


Illustration from Williams 1984

Terebellides californica Williams 1984

other characters:

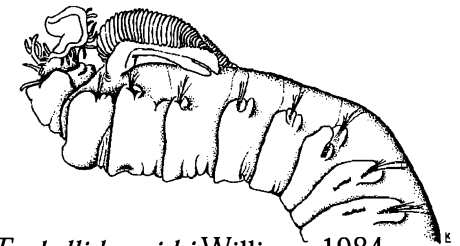
- setiger 1 notopod prolonged

Abdominal setigers number
27-35

Posterior end missing

Terebellides sp

Abdominal setigers number
40-55



Terebellides reishi Williams 1984

other characters:

- setiger 1 notopod not prolonged

Area of glandular expansion **is present** on setiger 3;
setiger 3 is **wider than** setiger 2 and setiger 4

Area of glandular expansion **is lacking** on setiger 3;
setiger 3 is **same width** as setiger 2 and setiger 4

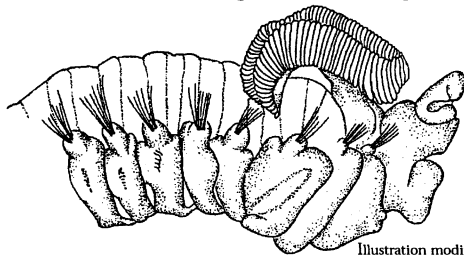


Illustration modified from *Terebellides kobei* Imajima and Williams 1985

Terebellides sp Type D Williams 1984

other characters:

- setiger 1 notopod slightly prolonged
- number of abdominal setigers = 30-35

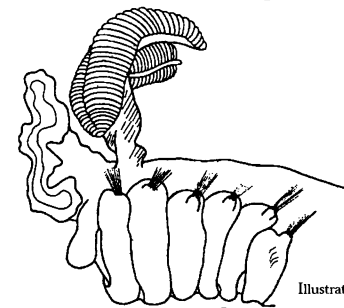


Illustration from Williams 1984

Terebellides sp Type C Williams 1984

other characters:

- setiger 1 notopod not prolonged
- number of abdominal setigers = 27-31