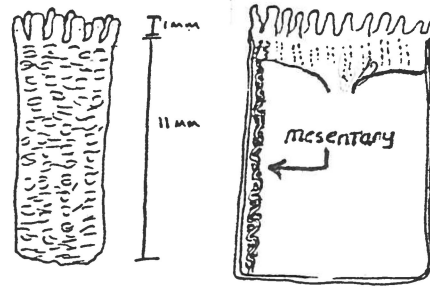


Taxonomic Notes on the Most Common Sea Anemones Found off Point Loma

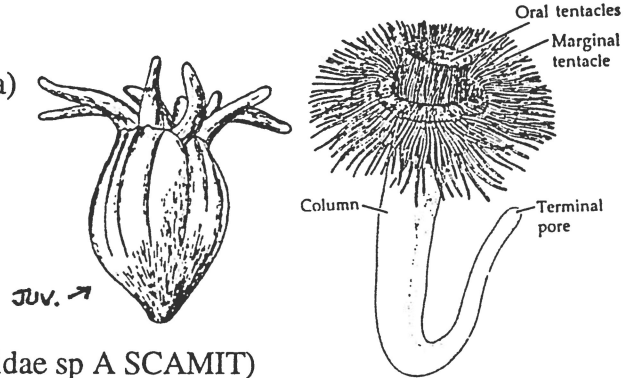
Anemonactis sp

cream to white colored anemone
 tentacles 12 (or more?) with bluish-purple spot at base of each
 12 perfect mesenteries along entire length of column
 column with thick wrinkled appearance (except in smaller specimens) without sediment



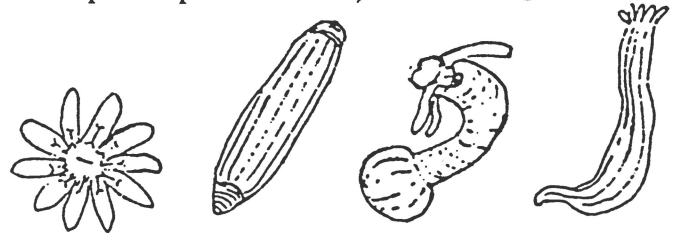
Ceriantharia (=Cerianthidae & *Cerianthus* sp of Point Loma)

typically tan, or slightly brownish colored anemone
 column generally smooth, without sediment
 tentacles typically elongate and thin with purple pigment spots ("eye spots") at base
 terminal pore present posteriorly



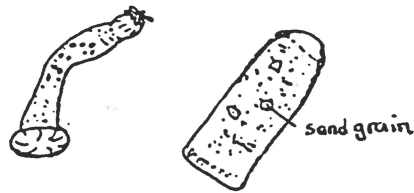
Halcampa decemtentaculata (=Antenaria sp A & Halcampidae sp A SCAMIT)

column translucent, brownish anteriorly fading posteriorly
 10 tentacles creased at base and with terminal "pore"
 no sediment covering column
 nemathybomes absent



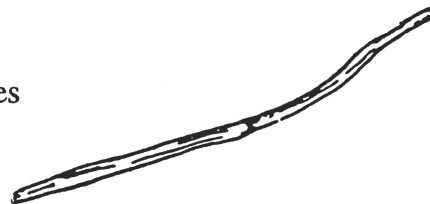
Halianthella sp A

large sand grains cover column (occasionally absent)
 purplish colored tentacles visible through thin body wall when sand grains removed or absent
 posterior end squared-off (formed by retraction of thin physa)
 nemathybomes absent



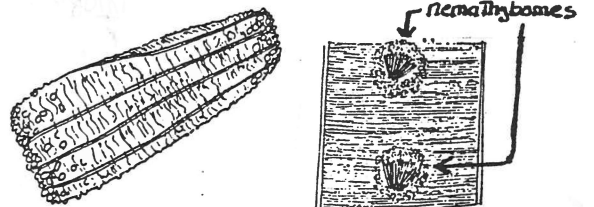
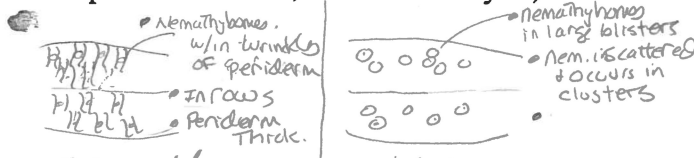
Limnactiniidae sp A

long, thin anemone with transparent body wall
 ~16 mesenteries and purple-pink colored tentacles visible through the transparent column
 no sediment covering column
 nemathybomes absent



Scolanthus sp A *triangulatus*, s. scamti (intertidal)

fine orange (rust) colored silt covering column
 nemathybomes present (finger-like "blisters," pseudotentacles, with nematocysts)



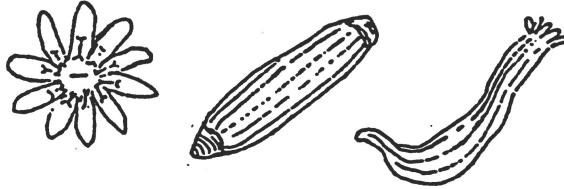
**Taxonomic Notes On The Most Common Anthozoa Found Off Point Loma
Anthozoans:**

***Cerianthidae* (= *Cerianthus* sp.):**

Purple pigment spots ("eye spots") at base of tentacles
Typically tan, or slightly brownish colored body
No nemathybomes

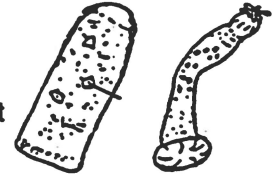
***Halocampa decemtentaculata*:**

10 tentacles
No sediments adherent to body
No nemathybomes



***Halianthella* sp. A:**

Squared-off posterior end (formed by retraction of thin physa)
Large sand grains cover column (most of the time)
No nemathybomes
Purplish colored tentacles visible through thin body wall when sand grains absent



***Limnactiniidae* sp. A:**

Long, thin anemone with transparent body wall
~16 mesenteries and purple-pink colored tentacles visible through the column
No sediments adherent to body
No nemathybomes



***Scolanthus* sp. A:**

Fine orange (rust) colored silt covering column
Nemathybomes present (finger-like "blisters" with nematocysts)
(often mistaken for Holothuroid!!)



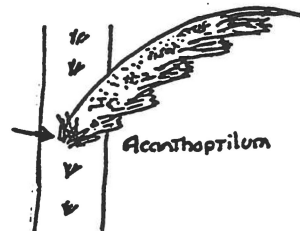
***Anemonactes* sp.:**

Cream to white colored anthozoan
12 tentacles
12 perfect mesenteries along entire length
Body with thick, very wrinkled appearance

Sea Pens:

***Acanthoptilum* sp.**

Axis flexible
Series of small, pink spines present at base of leaves
Terminal bulb and leaves red - purplish



***Stylatula elongata*:** Entire animal white

Axis white, stiff
Large spines present at base of leaves
Leaves with many polyps (up to 40)



***Stylatula* sp. A:**

Entire animal white
Axis white, stiff
Large spines present at base of leaves
3 - 4 polyps per leaf

Stylatula sp A

***Virgularia galapagensis*:**

Axis white, stiff
Spines absent
25 - 30 purple colored polyps per leaf

***Virgularia bromelyi*:**

Entire animal and axis white; axis stiff
Spines absent
5 - 7 polyps per leaf

Virgularia bromelyi
(as *V. sp. A* of MEC)

