New Anthozoa from BIGHT 2003
and other interesting Cnidarians

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SCAMIT Presentation
Probably *S. vinosa*, from offshore benthic reconnaissance work but locality and depth uncertain.

**Stomphia vinosa** (McMurrich, 1893)

First described from *Albatross* material and collected from its only Southern California trawl station off San Clemente Island.

upper left, preserved
On Gorgonian with hermit crabs and amphipod tubes. Short Bank, Santa Monica Bay.

Very commonly found on plastic snack-food containers at the bottom of the slope San Pedro Basin. It has a decided preference for Cheese crackers with peanut butter filling.

**Stephanauge annularis** Carlgren 1937

On *Boreotrophon bentleyi* [probably *Leuckartiara octona* (Fleming, 1823) on operculum].
Actiniaria sp 10
Bight03, 4029, 75m, 21 Jul 03

Found on rocks, an extremely flat anemone, with hardly anything to it but a few macrocnemes and several microcnemes at the limbus.

**Actiniaria sp 49**
Pentactinia californica
Carlgren, 1900

Bight03 4417, 46m, 22 Jul 03

Adults average about 3 cm in length

A very common anemone on the insular shelves and anywhere coarse sands and gravels predominate.
Halianthella sp A

Adult specimen
12 macronemes

Young specimen
8 macronemes

Bight03 4453
21Aug03 52m

OCSD 37/5
10Jul87 62m
Halianthella sp B
(Actiniaria sp 109)

Bight03 4290 19Aug03 23m,
4 cm overall twisted length
Anemonactis sp A

Bight03 4417, 46m, 22jul03
WEMAP 03, 03-0019/1 Morro Bay  
(Depth ?)

This edwardsiid (1 to 1.5 cm long) from Morro Bay has the highest densities of any infaunal anemone (up to 13,000+/m²). Note the variability of the aboral end within single largest lot of specimens.

Edwardsia sp? Or Scolanthisus sp?
Gonactinia prolifera (Sars, 1835) -- potentially
Polyps 2-5 per leaf similar to *V. agassizii* but with dark polyp cores similar to *V. californica*. However this species is also very dark on the leaf-bearing part of the rachis, light basally. Largest specimen about 4 cm.

**Virgularia sp B**
Bight03 4417
46m, 22jul03
Virgularia sp
Bight03 4005
830m, 21Jul03

2 polyps per leaf, leaves arranged in sub-opposite pairs. Specimen 2 cm. Arrows indicate bases of a pair of leaves.
While this is clearly a juvenile sea pen it is at the stage where there is a good indication of how the adult might look. There are many needle-like spicules throughout the flesh, with one polyp per leaf. It does not appear to be an obvious juvenile of an already noted species on the SCAMIT list. It is not clear what Family it is in.
Zoanthidea sp A
Bight03 4446, 100m, 19Aug03
Base flattened with limbus

Zoanthidea sp B
Bight03 4195, 71.2m, 21Aug03
Base rounded, no limbus
Reproductive structures on hydranth pedicel

Leuckartiara octona (Fleming, 1823)

Reproductive structures on hydorhiza

Bougainvilliidae possibly Rhizorhagium on Compressidens stearnsii (Picture by Kelvin Barwick)

Rhizorhagium formosum (Fewkes, 1889)

Hydroids living on Mollusca

Fig. 79.--Purpleans "serpent," after Allman, in Ray Society, 1879-75.