

Voucher #: Hyp 29

Literature: McClendon, J.F. 1909
Lutken, C.F. and Th. Mortensen 1899
Clark, H.L. 1911
Boolootian, R.A. and D. Leighton 1966
Word, J.Q. (Unpublished Manuscript)

Primary Diagnostic Characters: two genital slits in each interbrachial space;
(Figure 1)
two or three short blunt arm spines present;
three pairs of tentacle pores, present only on basal arm segments;
each pore with one scale, rarely two;
five or six pairs mouth papillae per jaw, no infradental papillae;
when alive, bright red

Related Species and Character Differences:

Ophiomusium lymani Wyville Thomson 1873 (Figure 2)
six to eight rudimentary arm spines per lateral arm plate;
two pairs of tentacle pores, present only on basal arm segments;
when alive, ivory white

Ophiomusium glabrum Lutken & Mortensen 1899 (Figure 3)
twelve to sixteen arm spines per lateral arm plate;
four pairs of tentacle pores, present only on basal arm segments

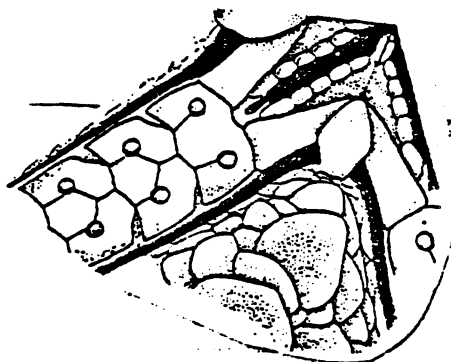


Fig. 1. oral disk (modified from Boolootian and Leighton, 1966, p. 17)

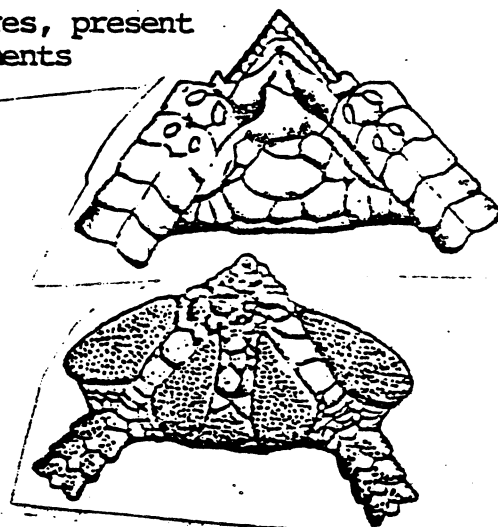


Fig. 2. a. oral disk
b. aboral disk
(from Lutkin and Mortensen, 1899, plate I)

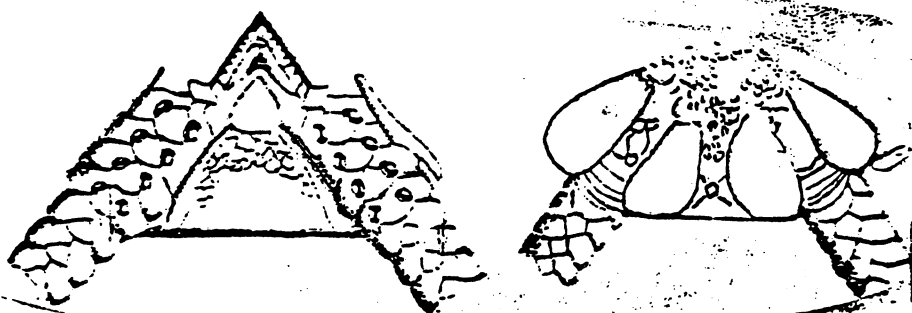
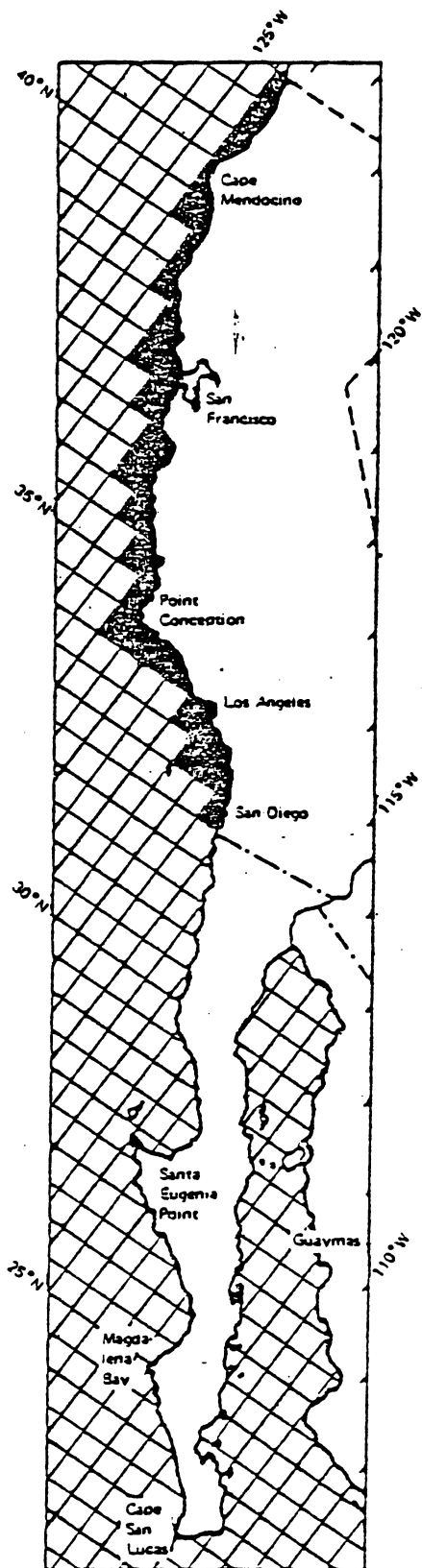


Fig. 3. a. oral disk
b. aboral disk
(from Lutkin and Mortensen, 1899, plate IV)



Range: California to Japan

Habitat: 250-800 meters (slope depths); green mud