SCAMIT CODE: MBC52

Date Examined: 8 September 1986
Voucher by: Carol Paquette

SYNONYMY:

LITERATURE: Robertson 1908
              Osburn 1950
   Pinter 1969

DIAGNOSTIC CHARACTERS:

1.   Encrusting on algae *(Macrocystis pyrifera* and *Egregia laevigata)*.

2.   Zooecia walls are thin and parallel.

3.   The front is a membrane with minute spinules; larger spinules occur near the margins.

4.   Elongate - acuminate, chitinous spines occur at the proximal corners, and frequently there is a still larger median one.

5.   There are no ovicells or avicularia.

RELATED SPECIES AND CHARACTER DIFFERENCES:

1.   *M. tuberculata* and *M. perfragilis* have some development of the cryptocyst (extended side wall).

2.   *M. tuberculata*, *M. membranacea*, and *M. serrilamella* have calcareous proximal spines or tubercles.
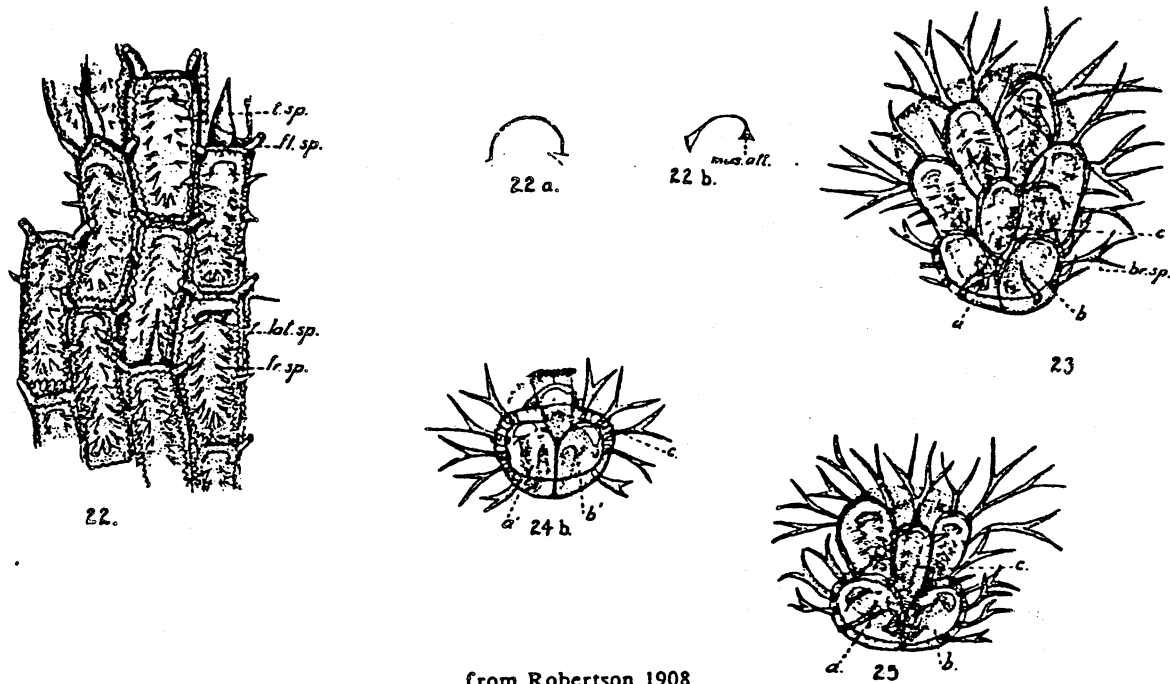
DEPTH RANGE: Intertidal to 20 m.

DISTRIBUTION: British Columbia to San Diego
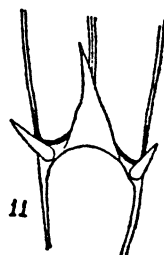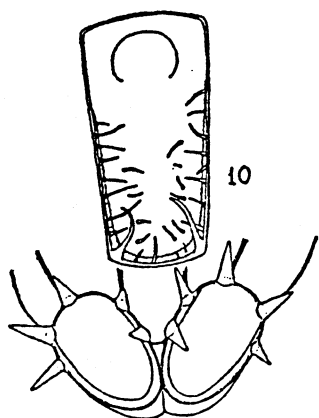
from Osburn 1950

Fig. 10.   *Membranipora villosa* (Hincks), normal zooecium above with chitinous frontal spinules, below the twinned ancestrula with bases of five buds.

Fig. 11.   The same, showing chitinous corner spines and a larger one at the division of a series of zooecia.

from Robertson 1908

ig. 22.—*Membranipora villosa* Hincks. A few zoœcia showing adult tion, with flaring spines (*fl. sp.*), lateral spines (*lat. sp.*), and minute al spines (*fr. sp.*); also tall spine (*t. sp.*) or process growing in place zoœcium. × 30.

ig. 22a.—*M. villosa.* Outline of operculum when closed, with the most ior pair of frontal spinules. × 70.

ig. 22b.—*M. villosa.* Outline of operculum partly opened showing l base for the attachment of muscles (*mus. att.*). × 70.

ig. 23.—*M. villosa.* A young colony of seven zoœcia showing (*a*) and the first two zoœcia formed, and (*c*) the third zoœcium; also showing ranched spines (*br. sp.*) characteristic of the youthful stage. × 30.

Fig. 24b.—*M. villosa* Hincks. A young colony of three zoœcia still carrying the shell of the larva. × 30.

Fig. 25.—*M. villosa.* A young colony of five zoœcia. × 30.