

ticularly well represented on the Northwest Coast. Of the *Ophiuridæ* but two species are here known to exist, neither of which can be now specifically indicated, as the specimens are not at hand. One is a small *Ophiolepis*, dredged by me near San Francisco, and the other an *Astrophyton* taken in Puget Sound by the captain of a coasting vessel, in whose hands it was seen and reported to me by Dr. Cooper.

## HOLOTHURIADÆ.

HOLOTHURIA CALIFORNICA. Stimpson, n. s.

Body much elongated, of nearly the same thickness throughout; below, flattened and thickly covered with stout sucker-bearing feet not arranged in rows. Dorsal surface with about forty large conical cutaneous processes (or false feet) sparingly scattered; between which there are numerous small cirriform feet, also diskless. Tentacula twenty, short, peltate, with broad disks. Color, reddish-brown above; below, lighter. Length,  $1\frac{1}{2}$  ft.; thickness,  $1\frac{1}{4}$  inches.

Taken in Tomales Bay by Mr. Samuels.

HOLOTHURIA SITCHÆNSIS. Brandt.

*Diploperideris Sitchænsis*, BRANDT; *Prod. desc. anim. Mertens.*, 52.

*Hab.* Sitka, (Mertens.)

ASPIDOCHIR MERTENSII. Brandt.

*Aspidochir Mertensii*, BRANDT; *Prod. desc. anim. Mertens.*, 46.

*Hab.* Sitka, (Mertens.)

PENTACTA FRONDOSA. Jæg.

*Pentacta frondosa*, JÆG. AYRES; *Proc. Cal. Acad. Nat. Sci.* i. 68.

The small *Pentactæ*, found in the vicinity of San Francisco, are referred by Dr. Ayres to this species.