

*Amphiura labra*, Lym. (Pl. XXXIII. figs. 8-10).

*Amphiura labra*, Lym., Bull. Mus. Comp. Zool., vol. vi., part 2, p. 25, pl. xi. figs. 308-310, 1879.

Disk below naked. Mouth shields wider than long. Five stout, tapering arm spines. One tentacle scale.

(Type specimen from Station 214.) Diameter of disk 5 mm. Length of arm about 20 mm. Width of arm close to disk, without spines, .8 mm. One stout mouth papilla in shape of an elongated cone on each side, and a pair, thick and rounded, at the apex of the mouth angle. Mouth shields broader than long, rudely triangular, with outer edges much rounded, and a small peak within. Side mouth shields small, longer than broad, wide without, tapering inward, where they do not quite meet. Under arm plates narrow, longer than broad, squarish, with re-entering curves on the lateral sides, outer corners rounded, and often an obtuse truncated angle within. Side arm plates of moderate size, and slightly flaring, meeting neither above nor below. Upper arm plates somewhat arched, rudely triangular, with outer edge rounded, and a blunt angle within; further out on the arm they become transverse oval. Disk flat and lobed, covered above with thin, rather indistinct scales; those in the centre coarser and more rounded; those in the interbrachial spaces narrower and more closely overlapping. Radial shields short pear-seed shape, longer than broad, separated their entire length by a narrow wedge row of small scales. Interbrachial spaces on the under surface naked. Five rather stout, tapering arm spines, somewhat longer than the arm joints, placed close together on the side arm plate. One rather large round tentacle scale near the inner angle of the under arm plate. Colour in alcohol, nearly white.

Station 214.—February 10, 1875; lat. 4° 33' N., long. 127° 6' E.; 500 fathoms; globigerina ooze.

This species is allied to *Amphiura angularis*, but has a finer build; side arm plates less prominent; side mouth shields smaller, and radial shorter and wider.

*Amphiura angularis*, Lym. (Pl. XXIX. figs. 1-3).

*Amphiura angularis*, Lym., Bull. Mus. Comp. Zool., vol. vi., part 2, p. 25, pl. xi. figs. 311-313, 1879.

Disk below naked, or with a few rudimentary scales. One well marked tentacle scale. Four or five tapering cylindrical arm spines. Mouth shields rounded.

(Type specimen from Station 150.) Diameter of disk 9 mm. Length of arm 45 mm. Width of arm, without spines, close to disk, 1.2 mm. One long, tapering, pointed mouth papilla on each side, and a pair, short, blunt, and much rounded, at the apex of the mouth angle. The tentacle scale of the first pair is large and spiniform. Mouth shields rather large, nearly circular, with a small peak within. Side mouth shields large, three-sided, broad without, and curving downward about the mouth shield, narrow and