

Table of Species of *Amphiura*—continued.

No tentacle scale. { Disk with minute scales hidden by the skin; middle spine widened at its end, . . . . . } *Amphiura securigera*.

## Four mouth papillæ on each side.

Two tentacle scales.	Three arm spines.	Radial shields short, wide, and joined.	Radial shields long, narrow, and joined. } Upper disk scales coarse, with primary plates conspicuous, . . . . . } <i>Amphiura impressa</i> .
			Upper disk scales thin, fine, and equal. Disk flat, . . . . . } <i>Amphiura laevis</i> .
			Mouth shield long and narrow. Disk scales thick and irregular, without conspicuous primary plates, . . . . . } <i>Amphiura depressa</i> .
			Mouth shield long heart-shaped. Upper disk scales large with conspicuous primary plates, . . . . . } <i>Amphiura hastata</i> .
Two tentacle scales.	Three arm spines.	Radial shields short, wide, and joined.	Upper arm spine flat and broad at the end, . . . . . } <i>Amphiura integra</i> .
			Disk scales above and below regular and equal, with a double marginal border. Upper arm plates with a slight depression, . . . . . } <i>Amphiura andreæ</i> .
			Mouth shields wider than long. Side mouth shields broad, . . . . . } <i>Amphiura gibbosa</i> .
Two tentacle scales.	Four arm spines.	Radial shields separated.	Outer mouth papilla standing on outer corner of side mouth shield, and separated from the other three, . . . . . } <i>Amphiura abdita</i> .
			First under arm plate large and usually cut transversely in two, . . . . . } <i>Amphiura duplicata</i> .
No tentacle scale.	Five or six arm spines.	Radial shields small and separated within, . . . . . } <i>Amphiura lobata</i> .	Three arm spines, middle one swelled. { Disk scales fine; only central primary plate conspicuous. First under arm plate small, . . . . . } <i>Amphiura dalea</i> .
			Three arm spines, middle one swelled. { Disk scales coarse; all primary plates conspicuous. First under arm plate wide and large, . . . . . } <i>Amphiura cernua</i> .
No tentacle scale.	Four arm spines.	Radial shields long and narrow, and diverging inward, . . . . . } <i>Amphiura glauca</i> .	Disk naked below. Tentacle scale minute and like a lip. . . . . } <i>Amphiura glauca</i> .
			Disk scaled on both sides. Radial shields large, wide, and joined for half their length. Primary plates conspicuous, . . . . . } <i>Amphiura verrilli</i> .

## Five mouth papillæ on each side.

Two tentacle scales.	Three middle mouth papillæ longest. Point of mouth angle occupied by lowest tooth, . . . . . } <i>Amphiura canescens</i> .	Mouth papillæ similar to <i>Amphiura duplicata</i> . Radial shields narrow and joined, . . . . . } <i>Amphiura cuneata</i> .
		Disk puffed, with minute crowded scales, and long, narrow, separated radial shields, . . . . . } <i>Amphiura tumida</i> .
		One tentacle scale. { Mouth papillæ, squarish and crowded. Side mouth shields large and wide. Disk scales irregular, small and crowded, . . . . . } <i>Amphiura patula</i> .

*Note*.—Mr. F. W. Hutton has described *Amphiura parva* (Proc. New Zealand Institute, vol. xi. p. 305). As I have never been fortunate enough to understand any of Mr. Hutton's descriptions of Ophiurans, I should not, perhaps, have been able to place this species in the table, had I seen its diagnosis.

*Amphiura maxima*, Lym. (Pl. XVIII. figs. 7–9.)

*Amphiura maxima*, Lym., Bull. Mus. Comp. Zool., vol. vi., part 2, p. 19, pl. xi. figs. 278–281.

Disk covered on both sides with swollen, lumpy, irregular scales; ten stout, sharp arm spines. Outer mouth papillæ wide and scale like. Two very large tentacle scales, one overlapping the other.