

TABLE OF SPECIES OF *Ophiura*.

(The granular covering on the radial shields and side mouth shields varies somewhat.)

ARM SPINES EQUAL.	Side mouth shields covered.	Diak thick, with large grains. 8-10 wide and short arm spines. Mouth-shields wider than long, } <i>Ophiura brevicauda</i> .
		Upper arm plates broken in numerous pieces. 9-10 slender arm spines, as long as a side arm plate, } <i>Ophiura guttata</i> .
	Side mouth shields naked.	Mouth shields ovoid in outline. 7-8 slender, spaced, arm spines nearly as long as side arm plate, } <i>Ophiura brevispina</i> .
		Similar to preceding, but with longer arm spines, } <i>Ophiura variegata</i> .
		Large (disk 19 mm.), with thicker arms and disk than in the two preceding, } <i>Ophiura holmesi</i> .
		Arms slender and tapering. 8-9 slender tapering, rounded arm spines, . . } <i>Ophiura januarii</i> .
LOWEST ARM SPINES LONGEST.	With naked radial shields.	These two species, similar when adult, are quite different when young. Then <i>Ophiura laevis</i> has no radial shields, or very small ones; while <i>Ophiura cinerea</i> has them large and oval, } <i>Ophiura laevis</i> . } <i>Ophiura cinerea</i> .
		Upper arm plates divided symmetrically into a number of scales, . . . } <i>Ophiura squamosissima</i> .
	Radial shields covered.	Upper arm plates broken. Numerous small naked swollen plates midst granulation of disk, } <i>Ophiura wahlbergii</i> .
		Upper arm plates entire. Mouth shields large. Side mouth shields naked, } <i>Ophiura rubicunda</i> .
		Upper arm plates entire. Large radial shields. Side mouth shields granulated, } <i>Ophiura panamensis</i> .
		Upper arm plates broken. Radial shields often wholly or partly granulated. Side mouth shields granulated, } <i>Ophiura teres</i> .
		Radial shields partly covered. Under arm plates with a re-entering curve without, } <i>Ophiura daniana</i> .
		Medium size (disk 16 mm.): Mouth shields wider than long. 8-9 arm spines, } <i>Ophiura appressa</i> .
		Large (disk 30 mm.). 7-8 broad, close-set arm spines, } <i>Ophiura elaps</i> .
		Similar to <i>Ophiura appressa</i> , but occasionally with naked radial shields, . } <i>Ophiura tongana</i> .