

*Ophiura squamosissima*, Lym., Ill. Cat. Mus. Comp. Zool., No. i. p. 10, 1865.

*Ophioderma squamosissima*, Ltk., Vid. Meddel., Jan. 1856, p. 8; Addit. ad Hist., part 2, p. 92, pl. i. fig. 7, 1859.

West Indies.

*Ophiura teres*, Lym., Proc. Bost. Soc. N. H., vol. vii. pp. 198 and 257, 1860; Ill. Cat. Mus. Comp. Zool., No. i. p. 37, fig. 1; VII., Trans. Conn. Acad., vol. i., part 2, p. 253.

West Coast of Central America; Lower California.

*Ophiura elaps*, Lym. (Pl. XXXVII. figs. 1-3, Pl. XLVI. fig. 3).

*Ophioderma Elaps*, Ltk., Vid. Meddel., Jan. 1856, p. 19; Addit. ad Hist., part 2, p. 93, 1859.  
*Ophiura elaps*, Lym., Ill. Cat. Mus. Comp. Zool., No. i. p. 10, 1865.

West Indies; 120 fathoms. (Same species?)

*Ophiopeza.*

*Ophiopeza*, Pet., Monatsb. König. Akad., Berlin, 1851.

Disk granulated. Teeth, and numerous even, close-set mouth papillæ; no tooth papillæ. Spines smooth, shorter than the arm joints, flattened, numerous (5-10). Tentacle scales one or two; in the latter case the upper one covers the base of the lowest arm spine. An indentation in the back of the disk, at the base of each arm. Two genital openings in each interbrachial space.

In its general features, the skeleton is similar to that of *Ophiura*. The genital plates, however, are shorter and thicker, and the genital scale is attached at a point considerably inside the head, thus shortening the genital opening. On the inner face of an arm bone the umbo and articulating knobs are larger and more rounded. (See Pl. XLI. figs. 1-3.)

TABLE OF SPECIES OF *Ophiopeza*.

5-6 arm spines.	{	Radial shields naked.	18 disk grains in the length of 1 mm.	5-6 arm spines,	. <i>Ophiopeza petersi</i> .
		Radial shields granulated.	13 disk grains in the length of 1 mm.	{ 5 spaced unequal arm spines,	. } <i>Ophiopeza yoldii</i> .
			25 disk grains in the length of 1 mm.	{ 6 arm spines. Mouth angle wholly granulated. Only one tentacle scale,	. } <i>Ophiopeza aster</i> .
8-10 arm spines.	{	Radial shields granulated.	25 disk grains in the length of 1 mm.	8 arm spines,	. <i>Ophiopeza fallax</i> .
			13 disk grains in the length of 1 mm.	{ 10 arm spines, equal, except the lowest,	. } <i>Ophiopeza equalis</i> .