

Ophiolepis elegans, Ltk., Addit. ad Hist., part 2, p. 105, 1859; Lym., Ill. Cat. Mus. Comp. Zool., No. i. p. 58, pl. ii. fig. 5.

West Indies; $8\frac{1}{2}$ to 30 fathoms.

Ophiolepis variegata, Ltk., Vid. Meddel., March 1856, p. 23; Addit. ad Hist., part 2, p. 106, pl. ii. fig. 7; Lym., Ill. Cat. Mus. Comp. Zool., No. i. p. 10; VII., Trans. Conn. Acad., vol. i., part 2, p. 256.

West Coast of Central America.

Ophiolepis carinata, Studer, Monatsb. König. Akad. Berlin, July 1876, p. 460.
Kerguelen Island; 60 to 65 fathoms.

Ophioplocus.

Ophioplocus, Lym., Proc. Bost. Soc. N. H., vol. viii., 1861.

Disk closely and finely scaled above and below. Genital scales hidden. Teeth. No tooth papillæ. Numerous even, close-set mouth papillæ. Side mouth shields wide, and nearly or quite meeting within. Three short, stout arm spines. Upper arm plates divided on the middle line into halves, which, at the base of the arm are placed at the outer lower corner of the joint on each side, and are separated by a number of supplementary pieces. At the tip of the arm the plate is simple; then it divides in two, and the halves are gradually forced apart by the intrusion of supplementary pieces. Two short genital openings in each interbrachial space, extending only half-way to the margin of the disk, and beginning outside the mouth shields.

In disk-scaling and radial shields it bears some resemblance to *Ophiura*. The genital plate also is similar, except that its scale is attached very far inward, thus shortening the genital opening. There is almost no groove along the edges of the arm bone wings. The halves of the stout peristomial plate make a wide heart-shape. (See Pl. XXXVII. figs. 10-12.)

Species of *Ophioplocus* not herein described.

Ophioplocus imbricatus, Lym. (Pl. XXXVII. figs. 10-12).

Ophiolepis imbricata, Müll & Tr., Syst. Ast., p. 93, 1842; Ltk., Addit. ad Hist., part 2, p. 160.

Ophioplocus tessellatus, Lym., Proc. Bost. Soc. Nat. Hist., vol. viii., p. 76, 1861.

Ophioplocus imbricatus, Lym., Ill. Cat. Mus. Comp. Zool., p. 69, 1865.

Great Ocean.

Ophioplocus esmarki, Lym., Bull. Mus. Comp. Zool., vol. iii., part 10, p. 227, pl. v. figs. 12-14, pl. vi. fig. 6, 1874.

San Diego, and near Santa Barbara, Cal.; 22 fathoms.