

Table of Species of *Ophiactis*—continued.

- Disk scales thick and swollen: upper arm plates wide, transverse oval, not swollen. Side mouth shields making a connected ring. Four or five stout but not swollen arm spines. Small disk spines, . . . . . } *Ophiactis simplex*.
- Differs from *Ophiactis simplex* in wanting disk spines; in radial shields scarcely to be distinguished from scales (which are less imbricated than in *simplex*) and in more oval upper arm plates, . . . . . } *Ophiactis arenosa*.
- Disk scaling coarse, and with few or no spines. Three or four stout, blunt, tapering arm spines. Two or three mouth papillæ on each side. Teeth lobed, . . . . . } *Ophiactis cuspidata*.
- Disk without spines, and covered with thick, rounded scales, whereof the largest are near the radial shields. Two small tentacle scales, . . . . . } *Ophiactis pectorale*.
- Disk scales coarse, and set with numerous short spines. Radial shields short and triangular. Four stout, cylindrical, tapering arm spines. One mouth papilla on each side. Five arms, . . . . . } *Ophiactis nama*.
- Mouth shields very wide and short. Always one mouth papilla on each side, four to five stout smooth long arm spines, usually blunt and tapering, but sometimes the upper ones much swollen; middle ones longest. Disk scales coarse above and below with variable number of spines. Radial shields larger than in the type *Ophiactis balli*, . . . . . } *Ophiactis krøyeri*.
- Large (disk 11–12 mm.) nearly black. Four arm spines; upper one longest. Radial shields shagreened, small, and rudely diverging. Under arm plates curved without and within; re-enteringly curved on sides. Upper arm plates truncated fan shape, . . . . . } *Ophiactis nigrescens*.
- Five short, smooth, tapering arm spines. Disk scales smooth and rather fine. Upper arm plates rounded fan shape, not swollen. One mouth papilla on each side, . . . . . } *Ophiactis maculosa*.
- Disk finely scaled, and set with short, minute spines. Radial shields small and pear-seed shaped. Four moderately stout tapering arm spines, the uppermost longest. Two or three minute mouth papillæ on each side. Seven arms, . . . . . } *Ophiactis hirta*.
- Disk scales coarse and thick, with large radial shields; no spines except a few near the margin. Four rather long and slender arm spines, the upper one longest. Two mouth papillæ on each side, . . . . . } *Ophiactis poa*.
- Disk scales larger in centre, where primary plates may be distinguished in a rosette; no spines, or only an occasional minute one on the margin. Three or four rather long and tapering arm spines. Two mouth papillæ on each side, . . . . . } *Ophiactis canotia*.
- Four long, rather slender arm spines. Many strong disk spines. Disk scales thick and somewhat irregular. Two mouth papillæ on each side. Teeth lobed, . . . . . } *Ophiactis abyssicola*.
- Structure more delicate. One mouth papilla. Radial shields very small. Disk scales small, fine and regular. Four arm spines about as large as in *Ophiactis asperula*. Upper arm plates clean, transverse oval, . . . . . } *Ophiactis carnea*.