

even higher than wide. In profile, however, they are seen to be longer than the typical form, and present sundry crests and grooves. *Ophioglypha bullata* heads an aberrant group which in some points approaches *Ophiomusium*, to wit, in the closely joined radial shields; the very long and spreading mouth frames, with a broad, regular, uncovered nerve ring; the massive and closely soldered disk plates, and the regular and less club-ended genital plates. (See Pl. XXXVIII. figs. 10-13, 14-17, 22-25.)

TABLE OF SPECIES OF *Ophioglypha*.

Disk rather flat, and covered with imbricated scales. Under arm plates small, widely separated; much wider than long beyond the second plate, and thereafter constantly diminishing in size. Arm comb of more or less needle-like papillæ. Arm slightly flattened, with spines about as long as a joint. Tentacle scales few beyond the second pair of pores. (This is the typical form of the genus based on <i>Ophioglypha ciliata</i> .	Very large lyre-shaped mouth shields. Pairs of pores between basal under arm plates,	} <i>Ophioglypha ciliata</i> .
	Similar to the preceding, but fewer tentacle scales, and a depression instead of a pair of pores between basal under arm plates,	} <i>Ophioglypha sinensis</i> .
	One depression only between 1st and 2nd under arm plates. Mouth shields larger, and disk thicker than in <i>Ophioglypha sinensis</i> ,	} <i>Ophioglypha kinbergi</i> .
	No depression between basal under arm plates. Papillæ of arm comb short, spaced, and tooth like. Mouth shields pentagonal, and as broad as long,	} <i>Ophioglypha albida</i> .
	Similar to the preceding, but papillæ of arm comb squarish and crowded, and a slight lobe on outer side of under arm plate,	} <i>Ophioglypha acervata</i> .
	Disk scales more or less swollen. Two tentacle scales on each pore beyond disk,	} <i>Ophioglypha sarsii</i> . } <i>Ophioglypha arctica</i> .
	Similar to the preceding, but papillæ of arm comb are squarish and crowded, and there is no second comb on basal upper arm plate,	} <i>Ophioglypha lütkeni</i> .
	Primary plates very large and conspicuous, and separated by small scales. Under arm plates minute, and about as long as broad,	} <i>Ophioglypha affinis</i> .
	Disk thick. Outer ends of genital scales separated by a pair of plates bearing papillæ like the arm combs,	} <i>Ophioglypha carnea</i> .
	Disk scales small, regular, and nearly of a size. Papillæ of arm comb short, and almost bead like,	} <i>Ophioglypha robusta</i> .
	Similar to the preceding, but arm spines shorter, disk scales more swollen, and mouth papillæ smaller,	} <i>Ophioglypha meridionalis</i> .
	Upper disk scales with a central depression. Lower arm spine in form of a hook,	} <i>Ophioglypha falcifera</i> .
	Disk covered by a few large plates, whereof the primaries occupy the area inside the radial shields. Three short, stumpy, arm spines,	} <i>Ophioglypha forbesii</i> .
	Disk covered with smooth skin, through which the very small scales are scarcely or not at all visible. Arm spines, long, broad, and flat,	} <i>Ophioglypha flagellata</i> .
Disk scales thin and smooth. Under arm plates, within disk, large and touching each other. Arm comb of sharp needle-like papillæ, with a well-marked under comb on the arm itself,	} <i>Ophioglypha palliata</i> .	