

Four species are referred to the genus, which ranges the north Pacific from Japan to Panama, in littoral and archibenthal waters.

INCLUDED SPECIES: *platyspina* (Nielsen), *psilochora* (H. L. Clark), *repens* (Lyman), *tabogae* (Nielsen).

#### Diamphiodia n.g.

DIAGNOSIS. Amphiuroidae in which 3 subequal oral papillae form a series along the outer margin of the jaw, the papillae either contiguous or separated by intervals, the oral cleft not closed over when the jaws are shut; no spines on the disc, which is completely scaled above and below; 2 tentacle-scales.

TYPE SPECIES. *Amphiura violacea* Lütken, 1856, Panama, sublittoral. For illustration of the neotype of the type species, see Nielsen, Vid. Medd. dansk. naturh. For., 91, p. 269, fig. 9 (1932).

To this genus I refer 31 species. *Diamphiodia* is cosmopolitan and its species are represented in both shallow and deep water.

INCLUDED SPECIES: *antarctica* (Ljungman), *assimilis* (Ltk. & Mrtsn.), *atra* (Stimpson), *barbarae* (Lyman), *brachiostrictus* (Tortonese), *caulleryi* (Koehler), *craterodmeta* (H. L. Clark), *cyclaspis* (Djakonov), *digitula* (H. L. Clark), *dividua* (Mortensen), *fissa* (Lütken), *frigida* (Koehler), *grata* (Koehler), *grisea* (Ljungman), *gyraspis* (H. L. Clark), *limbata* (Grube), *occidentalis* (Lyman), *ochroleuca* (Brock), *peloria* (Bush), *planispina* (von Martens), *psara* (H. L. Clark), *reposita* (Koehler), *rhabdota* (H. L. Clark), *riisei* (Lütken), *rossica* (Djakonov), *servata* (Koehler), *sinensis* (A. H. Clark), *trychna* (H. L. Clark), *tymbara* (H. L. Clark), *vicina* (H. L. Clark), *violacea* (Lütken).

*Amphiura urtica* (Lyman), referred by Nielsen (1932) to his genus *Amphis-pina*, in the *Amphodia* group of genera, is perhaps rather to be placed in *Ophiophragmus* (see Fell, 1960, p. 22); the systematic status of *Amphis-pina* and *Ophiophragmus* requires further clarification, in view of the conflicting statements in the literature.

#### EXPLANATION OF KEY CHARACTERS IN PLATE 1

Genus	Jaws	Tentacle-scales and pores	Disc Characters	
			Above	Below
<i>Ophiopeltis</i>	B	J	O	naked
<i>Amphinephthys</i>	B	K or L	O	naked
<i>Ophionema</i>	D	J	O	naked
<i>Icalia</i>	A	J	N or Q	P
<i>Pandelia</i>	A	I or K	N or Q	P
<i>Hemilepis</i>	A	L	N or Q	P
<i>Nullamphiura</i>	A	J	N or Q	M
<i>Monamphiura</i>	A	I or K	N or Q	M
<i>Amphiura</i>	A	L	N or Q	M
<i>Nullopholis</i>	F	J	N	M
<i>Monopholis</i>	F	I or K	N	M
<i>Amphipholis</i>	F	L	N	M
<i>Amphiodia</i>	E	I or K	N	M
<i>Diamphiodia</i>	E	L	N	M
<i>Ailsaria</i>	E	I or K	N	P
<i>Silax</i>	G or H	J	N	M
<i>Unioplus</i>	G or H	I or K	N	M
<i>Amphioplus</i>	G or H	L	N	M
<i>Gymnoplus</i>	G or H	L (? or K)	N	P
<i>Ophionephthys</i>	C	L or K	O	naked