

The lateral ambulacra possess a single row of feet much longer than those on the middle ambulacrum. Just above this row of feet there is a row of long, pointed processes; these average 15 mm. in length. The dorsal ambulacra are furnished with a double row of processes; these are shorter than the lateral ones. One polian vesicle; one stone canal; one bundle of genital tubes which are branched and furnished with irregular dilatations. Calcareous ring small; muscles poorly developed relatively to the size of the animal.

The calcareous bodies consist of large, round, many-holed plates, the centre holes being fairly large, the marginal ones small. Besides these plates, a few branched spicules are present.

This species is very closely allied to *P. noseleyi*, Théel.

Numerous specimens.

January 2nd, 1888, off Port Blair, 271 fathoms, bottom green mud (*Giles*).

April 12th, 1888, $7\frac{1}{2}$ miles E. of N. Cinque Island, Andaman Sea, 490 fathoms, bottom green mud (*Wood-Mason*).

Station 115, December 9th, 1890, Andaman Sea, lat. $11^{\circ} 31' 40''$ N., long. $92^{\circ} 46' 40''$ E., off Dyer Point and N. of Cinque island, 188—220 fathoms, green mud, bot. temp. 56° (*Alcock*).

AMPHIGYMNAS, nov. gen.

Body ovoid with narrow tail-like extremities; soft and appears to have been surrounded by a jelly-like material when fresh. Feet very numerous over the whole of the trivium and placed more or less irregularly. Lateral margins with two or three rows of long processes. Back covered with processes except near the mouth and anus where the body tapers and where the dorsal surface is naked; mouth terminal, small; tentacles 15, very small and retracted; anus terminal, small. Calcareous bodies moderate sized, irregularly rounded, many-holed plates somewhat like those of *Pannychia*. Calcareous ring of 5 small pieces loosely connected.

7. AMPHIGYMNAS MULTIPES, n. sp.

Length 80 mm., width near middle of body 22 mm.; at oral and anal end about 9 mm.

Colour (in spirit) pale purple; the long lateral processes measure about 15 mm., those on the back are shorter.

One specimen.

Station 115, December 9th, 1890, Andaman Sea, lat. $11^{\circ} 31' 40''$ N., long. $92^{\circ} 46' 40''$ E., off Dyer Point and N. of Cinque island, 188—220 fathoms, green mud, bot. temp. 56° (*Alcock*).