

formed; it is possible that the comparatively genial condition of the land-locked fjords and harbours of the Malvinas, and the additional shelter yielded by the imbricating fronds of *Macrocystis*, may render such exceptional provision unnecessary.

“Five at least of these directly developing Echinoderms representing five principal divisions of the sub-kingdom, were dredged at the Falklands, and several others were found earlier in the voyage in the sub-antarctic regions of the Southern Ocean. It will perhaps give a better idea of the diversity of means by which practically the same end is attained, if I give here a brief description of the principal modifications of the process which were exhibited.



FIG. 139.—*Psolus ephippifer*,  
Wyv. Thoms. Corinthian.  
Harbour, Heard Island. Three  
times the natural size.



FIG. 140.—*Psolus ephippifer*,  
Wyv. Thoms., some of the plates  
of the marsupium removed.  
Three times the natural size.

“To give a second example from the Holothurioidea, on the morning of the 7th of February 1874, we dredged at a depth of 75 fathoms, at the entrance of Corinthian Harbour (*alias* ‘Whisky Bay’) in Heard Island (so far as I am aware the most desolate spot on God’s earth), a number of specimens of a pretty little *Psolus*, which I shall here call, for the sake of convenience, *Psolus ephippifer*, although it may very possibly turn out to be a variety of the northern *Psolus operculatus*.

“*Psolus ephippifer* (figs. 134, 135) is a small species, about 40 mm. in length by 15 to 18 mm. in extreme width. In accordance with the characters of the genus, the ambulatory area is abruptly defined, and tentacular feet are absent on the upper surface of the body, which is covered with a thick leathery membrane in which calcareous scales