

and represents a shell somewhat higher than usual. The epidermis, judging from the slight remains on this specimen, is rather thick and fibrous.

Family SAXICAVIDÆ.

*Saxicava*, Fleurian de Bellevue.

*Saxicava arctica*, Linné.

*Habitat*.—Station 75, off Fayal, Azores, in 500 fathoms. Station 313, Strait of Magellan, in 55 fathoms; off Nightingale Island, Mid South Atlantic, in 100 to 150 fathoms. Stations 141 and 142, off the Cape of Good Hope, in 100 to 150 fathoms; Marion Island, in 100 fathoms; Prince Edward Island, in 150 fathoms. Station 150, south of Kerguelen, in 150 fathoms. Station 311, West Patagonia, in 245 fathoms; and lastly, at Port Jackson, Sydney, in 2 to 10 fathoms.

This polymorphous species, judging from the shells alone, is apparently distributed all over the globe. Of the animals inhabiting them we know nothing except those of northern varieties. The shells vary immensely in form, thickness, and ornamentation. Those found off the South African coast are especially remarkable for the great development of the spines on the posterior side, and have been raised to specific rank by Mr. Sowerby (Conch. Icon., vol. xx. fig. 12) under the name of *Saxicava spinifera*. Many localities have already been cited for this species, and among them may be mentioned Greenland, Norway, Great Britain, Sitka, Japan, California, Peru, Patagonia, Canaries, Madeira, Mogador, Mediterranean, Madagascar, Cape of Good Hope, Australia, New Zealand, &c.; and it is also found fossil in several Upper Tertiary formations.

Family SOLENIDÆ.

*Solen*, Linné.

*Solen sloanii*, Gray.

*Solen sloanii*, Gray, MS. Brit. Mus.

*Solen sloanii*, Hanley, Cat. Biv. Shells, 1843, pp. 12 and 336, pl. xi. fig. 18.

*Solen sloanii*, Angas, Proc. Zool. Soc. Lond., 1867, p. 912.

*Solen sloanii*, Sowerby, Conch. Icon., vol. xix. pl. iii. fig. 10.

*Solen versicolor*, Philippi, Abbild., vol. iii. p. 43, pl. ii. fig. 3.

*Solen philippianus*, Dunker, MS. in Mus. Cuming.

*Solen philippianus*, Sowerby, *loc. cit.*, fig. 13.

*Habitat*.—Port Jackson, Sydney, in 2 to 10 fathoms.