

## Subfamily MYTILINÆ.

*Mytilus*, Linné.*Mytilus edulis*, Linné.

*Mytilus edulis*, Linné, Syst. Nat., ed. 12, p. 1157.

*Habitat.*—Station 322, off the Rio de la Plata, in 21 fathoms; Station 315, Falkland Islands, in 12 fathoms; and D'Urville Island, New Zealand.

This common species has become widely distributed, and differs considerably in form, colour, and size. Hutton quotes it as occurring in New Zealand, and I have already identified it as coming from Kerguelen Island (Phil. Trans. Roy. Soc., 1879, vol. clxviii. p. 189).

*Mytilus magellanicus*, Chemnitz.

*Mytilus magellanicus*, Chemnitz, Conch.-Cab., vol. viii. pl. lxxxiii. fig. 742.

*Mytilus magellanicus*, Reeve, Conch. Icon., vol. x. pl. vi. fig. 22.

*Mytilus magellanicus*, Smith, Phil. Trans., 1879, vol. clxviii. p. 188.

*Habitat.*—Station 315, Falkland Islands, in 12 fathoms; Betsy Cove, Kerguelen Island, on the shore; and Kandavu, Fiji.

A single small specimen from the last locality is apparently inseparable from this well-known species, which is also met with on the shores of New Zealand.

*Mytilus exustus*, (Lamarck) Reeve.

*Mytilus exustus*, (Lamarck) Reeve, Conch. Icon., vol. x. pl. iv. fig. 10.

*Habitat.*—Station 113A (?), St. Michael's Rocks, Fernando Noronha; and Station 122, off Pernambuco, in 350 fathoms.

The specimens from these localities belong to *Mytilus exustus* as identified by Reeve, but until an opportunity occurs of studying all the shells belonging to this striated group of *Mytilus*, it is impossible to say whether the species should or should not definitely retain this name. *Mytilus cubitus* of Say, *Mytilus variabilis* of Krauss, and a few other forms appear to be so very closely related that it would be hazardous to pronounce them either distinct or conspecific without a much longer study than I can at present bestow upon them.

*Mytilus sulcatus*, (Lamarck ?) (Reeve).

*Modiola sulcata*, (Lamarck) Reeve, Conch. Icon., vol. x. pl. x. fig. 74, sp. 61.

*Habitat.*—Wednesday Island, near Cape York, North Australia.