

is a small rocky patch, situated between Shediac Bay and Cape Egmont, Prince Edward Island. The depth on it is less than ten fathoms, and the bottom consists of coarse sand and stones, the latter covered with *Laminarie* and smaller algæ, and perforated by *Petricola pholadiformis*. Annelids are numerous in the sand, from which also about twelve species of shells were collected. Early the next morning (August 23d), we stood over to the Prince Edward Island side, and dredged along the outside of Bedeque Bay, from off St. Jacques to a little to the south of Sea Cow Head. In the afternoon a falling barometer indicating the imminent approach of a storm, we made for Charlottetown, and reached there only just in time to weather out the memorable gale of the 24th of August. We subsequently managed to dredge in Hillsborough Bay, also, on the opposite shore, off Pugwash Harbor, N. S., and off Shediac, Buctouche and Richibucto, in New Brunswick, and on the 9th of September I left the schooner and proceeded home. On the Prince Edward Island side of Northumberland Straits proper, the bottom is usually a red (Triassic) clayey mud, while on the New Brunswick side it is generally sandy. The fauna of the Straits is of a meager Acadian type. A few sponges, hydroids and crustaceans collected here have yet to be studied. The annelids are fine and frequent, but the echinoderms are all very common species. At depths of more than four fathoms, in Northumberland Straits, the following species were collected:

CRUSTACEA.

Homarus Americanus (Fry.)
Craugon vulgaris.
 †*Hippolyte pustola* Kr.
 †*Diastylis lucifera*.
 † " *sculpta*? G. O. Sars.
 †*Pontoporeia femorata*.
 †*Unciola irrorata* Say.
 †*Amphithoe*, sp.
 †*Ptilocheirus pinguis*.
 †*Melphidippa*, sp.
 †*Idotea phosphorea* Harger.

TUNICATA.

**Eugyra pilularis* V.
Pelonaia arenifera St.

MOLLUSCA.

Pecten tennicostatus Migh.
Yoldia imatula Say.
 " *sapotilla* Gould.
Nucula delphinoidea Migh.
Astarte undata Gould.
Cyprina Islandica Linn.
Cardium pinnulatum Con.
Callista convexa Say.
Petricola pholadiformis Lam.
Macra lateralis Say.
Pandora trilineata? Say.
Turbonilla interrupta Totten.
Lunatia triseriata Say.
Nassa trivittata Say.
Buccinum undatum Linn.
Sipho pygmaeus Gld.
Bela cancellata Migh.