

ambulacrum is immensely developed, its suckers are of a gigantic size, entirely out of proportion to the rudimentary ones of the paired ambulacra.

“The colouring of the majority of the deep-sea species is a dark violet; those of shallower waters are more brilliantly coloured, and such species as *Cælopleurus* and some of the *Saleniæ* are perhaps among the most beautiful and strikingly marked Echini.”

The bathymetrical distribution of the Sea-urchins and their relationship to the previous Echinoid faunæ are fully discussed in Mr. Agassiz's Report.

### ST. PAUL'S ROCKS.

As the rocks were approached, it was noticed that the equatorial current running past them, the velocity of which from observation was  $1\frac{3}{4}$  miles per hour, caused a considerable ripple, amounting almost to a race, on each side. These ripples united at

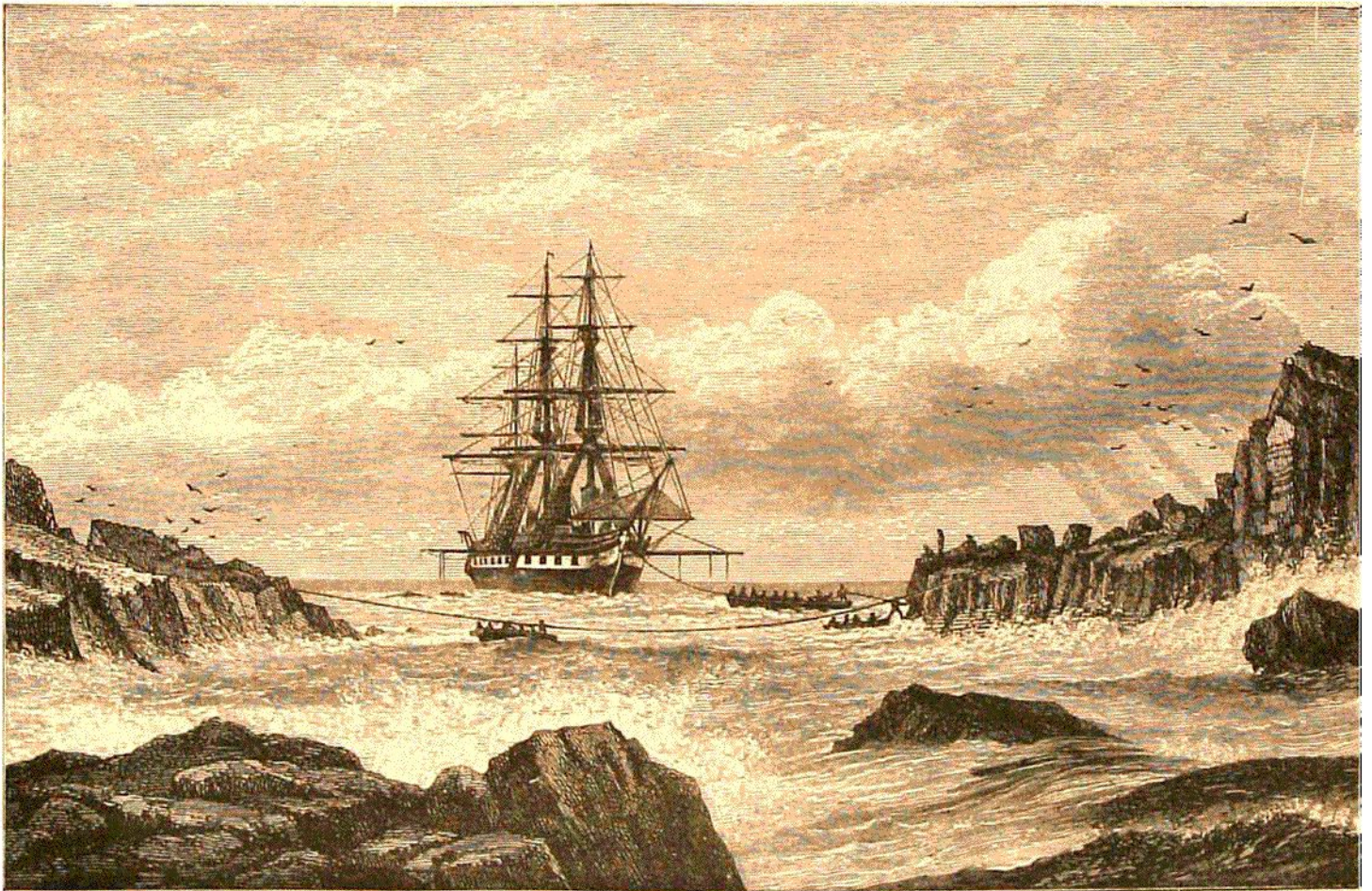


FIG. 86.—H.M.S. Challenger at St. Paul's Rocks.

a distance of about a mile to the westward, raising a confused sea, and leaving a cone of comparatively smooth water, immediately to leeward of the islets.

As the wind and current concurred in direction, the islets were circled until the ship