

Lagena marginata (Walker and Boys).
 „ *orbignyana* (Seguenza).
 „ *striata* (d'Orbigny).
 „ *sulcata* (Walker and Jacob).
Nodosaria calomorpha, Reuss.
Patellina corrugata, Williamson.

Truncatulina lobatula (Walker and Jacob).
Pulvinulina karsteni (Reuss).
Rotalia beccarii (Linné).
Polystomella crispa (Linné).
 „ *macella* (Fichtel and Moll).
 „ *striatopunctata* (Fichtel and Moll).

FALKLAND
ISLANDS.

Surface Organisms.—The water in Port Stanley, Port William, and near the land was of a green colour, doubtless arising from the presence of great numbers of Diatoms (chiefly *Coscinodiscus*). In Stanley Harbour the tow-net yielded immense numbers of small beautiful Medusæ.

ORGANISMS FROM
SURFACE-NETS.

Station 317 (Sounding 467), Falkland Islands to Rio de la Plata (see Chart 42 STATION 317. and Diagram 22).

February 8, 1876; lat. 48° 37' S., long. 55° 17' W.

Temperature of air at noon, 50°·3; mean for the day, 48°·9.

Temperature of water :—

Surface,	46·7	200 fathoms,	38·6
25 fathoms,	42·3	300 „	38·0
50 „	40·0	400 „	37·4
75 „	39·6	500 „	36·8
100 „	39·3	Bottom,	35·7

Density at 60° F. :—

Surface,	1·02524	200 fathoms,	1·02523
25 fathoms,	1·02525	300 „	1·02523
50 „	1·02520	400 „	1·02538
100 „	1·02522	Bottom,	1·02531

Depth, 1035 fathoms; deposit, Sandy Gravel, containing 14·61 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 9 A.M. shortened and furled sails, and proceeded under steam to sound and trawl. At 9.30 A.M. stopped and sounded in 1035 fathoms. The sounding-tube contained no trace of the bottom. At 11 A.M. put trawl over and veered 1600 fathoms. Took serial temperatures down to 500 fathoms. The carbonic acid was determined in bottom water, and amounted to 38·5 milligrammes per litre. At 3 P.M. commenced heaving in trawl, but at 3.55 P.M. trawl-rope carried away after the weights had come in. The rope appeared much chafed, indicating the probable stony nature of the bottom. In the tow-net attached to the weights were found a few specimens and some of the deposit,