

STATION 308.

Cyclammmina cancellata, Brady.
Textularia aspera, Brady.
 „ *concava* (Karrer).
 „ *gramen*, d'Orbigny.
Clavulina communis, d'Orbigny.
Bulimina marginata, d'Orbigny.
 „ *pyrula*, d'Orbigny.
 „ *subteres*, Brady.
Bolivina punctata, d'Orbigny.
Cassidulina bradyi, Norman.
 „ *crassa*, d'Orbigny.
 „ *laevigata*, d'Orbigny.
 „ *parkeriana*, Brady.
Ehrenbergina pupa (d'Orbigny).
Lagena distoma, Parker and Jones.
 „ *gracilis*, Williamson.
 „ *hispida*, Reuss.
 „ *laevis* (Montagu).
 „ *marginata* (Walker and Boys).
 „ *semistriata*, Williamson.
 „ *striata* (d'Orbigny).
 „ *sulcata* (Walker and Jacob).
Nodosaria communis, d'Orbigny.
 „ (*Glandulina*) *laevigata*, d'Orbigny.
Marginulina glabra, d'Orbigny.

Cristellaria acutauricularis (Fichtel and Moll).
 „ *cultrata* (Montfort).
 „ *reniformis*, d'Orbigny.
Uvigerina angulosa, Williamson.
 „ *canariensis*, d'Orbigny.
 „ *pygmaea*, d'Orbigny.
 „ *tenuistriata*, Reuss.
Sagrina dimorpha, Parker and Jones.
 × *Globigerina bulloides*, d'Orbigny.
 × „ *inflata*, d'Orbigny.
 × *Orbulina universa*, d'Orbigny.
Pullenia quinqueloba, Reuss.
 „ *sphaeroides* (d'Orbigny).
Discorbina globularis (d'Orbigny).
Truncatulina haidingerii (d'Orbigny).
 „ *lobatula* (Walker and Jacob).
 „ *refulgens* (Montfort).
 „ *variabilis*, d'Orbigny.
Anomalina coronata, Parker and Jones.
Pulvinulina umbonata, Reuss.
Rotalia beccarii (Linné).
 „ *clathrata*, Brady.
Nonionina scapha (Fichtel and Moll).
 „ *umbilicatula* (Montagu).

STATIONS 309
AND 309A.

Stations 309 and 309A (Soundings 457 and 458). Gulf of Peñas to Sandy Point through Magellan Strait (see Chart 41).

January 8, 1876; lat. 50° 56' S., long. 74° 15' to 74° 14' W.

Temperature of air at noon, 51°·5; mean for the day, 48°·4.

Temperature of water at surface, 50°·5; bottom (40 fathoms), 47°·0.

Density at 60° F. at surface, 1·01896; 40 fathoms, 1·02417; bottom, 1·02446.

Depth, 40 and 140 fathoms; deposit, Blue Mud, containing only a trace of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 4 A.M. got up steam, and at 4.45 A.M. weighed anchor and proceeded out of Tom Bay for Trinidad Channel. At 2.15 P.M. stopped and sounded in 40 fathoms (Station 309), and put trawl over. At 3 P.M. sounded in 140 fathoms (Station 309A). At 3.45 P.M. hove up trawl with many specimens, and proceeded. The carbonic acid was determined in surface water, and amounted to 39·5 milligrammes per litre. At 4.30 P.M. anchored in 7 fathoms in Puerto Bueno. Exploring parties went on shore.