

STATION 142.

Hapolyhragmium emaciatum, Brady.
 „ *turbinatum*, Brady.
Textularia agglutinans, d'Orbigny.
 „ *aspera*, Brady.
 „ *sagittula*, DeFrance.
Gaudryina rugosa, d'Orbigny.
Bulimina aculeata, d'Orbigny.
 „ *buchiana*, d'Orbigny.
 „ *inflata*, Seguenza.
 „ *marginata*, d'Orbigny.
 „ *punctata*, d'Orbigny.
 „ *pyrula*, d'Orbigny.
Bolivina robusta, Brady.
Cassidulina crassa, d'Orbigny.
 „ *lævigata*, d'Orbigny.
Lagena alveolata, Brady, var. *substriata*, Brady.
 „ *marginata* (Walker and Boys).
 „ *sulcata* (Walker and Jacob).
 „ „ var. *interrupta*, Williamson.
Nodosaria (Glandulina) æqualis, Reuss.
 „ *consobrina*, d'Orbigny.
 „ „ var. *emaciata*, Reuss.
 „ *lævigata*, d'Orbigny.
 „ *obliqua* (Linné).
 „ *perversa*, Schwager.
 „ *radicula* (Linné).
 „ *scalaris* (Batsch).
Frondicularia inæqualis, Costa.
Marginulina costata, Batsch.
Vaginulina linearis (Montagu).
Cristellaria acutaauricularis (Fichtel and Moll).
 „ *obtusata*, Reuss.
 „ „ var. *subalata*, Brady.
 „ *rotulata* (Lamarck).
Amphicoryne falx (Jones and Parker).
Polymorphina myristiformis, Williamson.
Uvigerina angulosa, Williamson.
 „ *canariensis*, d'Orbigny.

Uvigerina pygmæa, d'Orbigny.
 „ *schwageri*, Brady.
 „ *tenuistriata*, Reuss.
Sagrina nodosa, Parker and Jones.
 „ *striata*, Schwager.
 × *Globigerina æquilateralis*, Brady.
 × „ *bulloides*, d'Orbigny.
 × „ „ var. *triloba*, Reuss.
 × „ *conglobata*, Brady.
 × „ *dubia*, Egger.
 × „ *inflata*, d'Orbigny.
 × „ *rubra*, d'Orbigny.
 × „ *sacculifera*, Brady.
 × *Orbulina universa*, d'Orbigny.
 × *Pullenia obliquiloculata*, Parker and Jones.
 × *Sphæroidina bulloides*, d'Orbigny.
 „ *dehiscens*, Parker and Jones.
Truncatulina haidingerii (d'Orbigny).
 „ *lobatula* (Walker and Jacob).
 „ *refulgens* (Montfort).
 „ *variabilis*, d'Orbigny.
 „ *wuellerstorffi* (Schwager).
Anomalina ariminensis (d'Orbigny).
 „ *coronata*, Parker and Jones.
Rupertia stabilis, Wallich.
 × *Pulvinulina canariensis* (d'Orbigny).
 „ *elegans* (d'Orbigny).
 × „ *menardii* (d'Orbigny).
 × „ *meliniana* (d'Orbigny).
 „ *oblonga* (Williamson).
 „ *partschiana* (d'Orbigny).
 „ *umbonata*, Reuss.
Rotalia orbicularis, d'Orbigny.
 „ *soldanii*, d'Orbigny.
 „ sp. (?).
Nonionina sp. (?).
Polystomella macella (Fichtel and Moll).
Operculina ammonoides (Gronovius).

DIATOMACEÆ.—The following species of Diatoms were observed by Mr. Comber, who received much assistance from Mr. E. Grove in determining the critical species in the Southern Ocean deposits:—

Navicula gregoriana, Greville.
 „ *exzema*, A. Schmidt.
Pleurosigma directum, Grunow.
Campyloneis grevillei, Grunow.
Cocconeis scutellum, Ehrenberg.
 „ *pseudomarginata*, Gregory.
 „ *grantiana*, Greville.

Grammatophora marina, Kutzing.
Coscinodiscus excentricus, Ehrenberg.
 „ *curvatulus*, Grunow.
 „ *lentiginosus*, Janisch.
 „ *nodulifer*, Janisch.
 „ *radiatus*, Ehrenberg.
 „ „ var. *minor*, Rattray.