

TONGATABU.

Miliolina ferussacii (d'Orbigny).
 „ *linnaeana* (d'Orbigny).
 „ *oblonga* (Montagu).
 „ *parkeri*, Brady.
 „ *reticulata* (d'Orbigny).
 „ *seminulum* (Linné).
 „ *tricarinata* (d'Orbigny).
 „ *trigonula* (Lamarck).
Articulina sagra, d'Orbigny.
Vertebralina insignis, Brady.
Hauerina ornatissima (Karrer).
Peneroplis pertusus (Forskål).
Orbitolites complanata (Lamarck).
 „ „ var. *laciniata*, Brady.
 „ *duplex*, Carpenter.
 „ *marginalis* (Lamarck).
Alveolina boscii (Defrance).
Sagenella frondescens, Brady.
Reophax scorpiurus, Montfort.
Plucopsilina cenomana (d'Orbigny).
Trochammina ringens, Brady.
Textularia agglutinans, d'Orbigny, var. *porrecta*,
 Brady.
 „ *concava* (Karrer).
 „ *conica*, d'Orbigny.
 „ *gramen*, d'Orbigny.
 „ *rugosa* (Reuss).
 „ *siphonifera*, Brady.
Verneuilina spinulosa, Reuss.
Clavulina angularis, d'Orbigny.
Bolivina limbata, Brady.

Sagrina raphanus, Parker and Jones.
 × *Globigerina bulloides*, d'Orbigny.
 × „ *conglobata*, Brady.
Spirillina inæqualis, Brady.
 „ *vivipara*, Ehrenberg.
Cymbalopora poeyi (d'Orbigny).
Discorbina orbicularis (Terquem).
 „ *pileolus* (d'Orbigny).
 „ *rosacea* (d'Orbigny).
 „ *tabernacularis*, Brady.
 „ *valculata* (d'Orbigny).
Truncatulina akneriana (d'Orbigny).
 „ *echinata*, Brady.
 „ *lobatula* (Walker and Jacob).
 „ *rostrata*, Brady.
 „ *variabilis*, d'Orbigny.
Carpenteria utricularis, Carter.
 × *Pulvinulina canariensis* (d'Orbigny).
 „ *lateralis* (Terquem).
Calcarina hispida, Brady.
Gypsina inhaerens (Schultze).
 „ *vesicularis* (Parker and Jones).
Polytrema miniaceum (Linné).
Nonionina turgida (Williamson).
Polystomella craticulata (Fichtel and Moll).
 „ *crispa* (Linné).
Amphistegina lessonii, d'Orbigny.
Operculina complanata (Defrance).
 „ „ var. *granulosa*, Loymerie.
Heterostegina depressa, d'Orbigny.

The following species were observed in the deposit from 240 fathoms (Station 172A), where the pelagic species, marked thus ×, make up about 30 per cent. of the carbonate of lime present:—

Biloculina depressa, d'Orbigny.
 „ *ringens* (Lamarck).
 „ „ var. *striolata*, Brady.
Spiroloculina acutimargo, Brady.
 „ *convexiuscula*, Brady.
 „ *crenata*, Karrer.
 „ *excavata*, d'Orbigny.
 „ *grata*, Terquem.
Miliolina agglutinans (d'Orbigny).
 „ *circularis* (Bornemann).
 „ *linnaeana* (d'Orbigny).
 „ *oblonga* (Montagu).
 „ *parkeri*, Brady.
 „ *seminulum* (Linné).

Miliolina tricarinata (d'Orbigny).
 „ *undosa* (Karrer).
 „ sp. (?).
Articulina conico-articulata (Batsch).
 „ *lineata*, Brady.
Vertebralina insignis, Brady.
 „ *striata*, d'Orbigny.
Ophthalmidium inconstans, Brady.
Hauerina ornatissima (Karrer).
Planispirina sigmoidea, Brady.
Cornuspira involvens, Reuss.
Peneroplis pertusus (Forskål).
Orbitolites complanata, Lamarck.
 „ *marginalis* (Lamarck).