

Hauerina circinata, Brady.
 „ *ornatissima* (Karrer).
Planispirina exigua, Brady.
 „ sp. (?).
Peneroplis pertusus (Forskål).
Orbitolites complanata, Lamarck.
Alveolina boscii, Defrance.
Reophax scorpiurus, Montfort.
Textularia agglutinans, d'Orbigny.
 „ „ var. *porrecta*, Brady.
 „ *conica*, d'Orbigny.
 „ *gramen*, d'Orbigny.
 „ sp. (?).
Verneuilina spinulosa, Reuss (?).
Clavulina angularis, d'Orbigny, var. *difformis*, Brady.
 „ *parisiensis*, d'Orbigny.
Bolivina limbata, Brady.

Sagrina raphanus, Parker and Jones
 × *Globigerina rubra*, d'Orbigny.
Discorbina vesicularis (Lamarck).
Planorbulina acervalis, Brady.
Rotalia beccarii (Linné).
 „ *calcar*, d'Orbigny.
 „ *venusta*, Brady.
Gypsina vesicularis (Parker and Jones).
Polystomella craticulata (Fichtel and Moll).
 „ *crispa* (Linné).
 „ *macella* (Fichtel and Moll).
 „ *striatopunctata* (Fichtel and Moll).
 „ *subnodosa* (Münster).
Amphistegina lessonii, d'Orbigny.
Operculina complanata (Defrance), var. *granulosa*,
 Leymerie.
Heterostegina sp. (?).

CAPE YORK.

Surface Organisms.—The following species are recorded from the surface in the vicinity of Cape York:—

ORGANISMS FROM SURFACE-NETS.

COPEPODA (Brady, Zool. pt. 23).

Eucalanus attenuatus (Dana).
Hemicalanus orientalis, n.sp.
Undina vulgaris, Dana.
 „ *darwinii*, Lubbock.
Scolecithrix danæ (Lubbock).
Euchæta prestandreae, Philippi.
Acartia laxa, Dana.
Pontella plumata (Dana).

Oncæa obtusa (Dana).
Saphirina ovalis, Dana.

MACRURA (Spence Bate, Zool. pt. 52).

Sergestes corniculum, Krøyer.
Oodeopus geminidentatus, n.g., n.sp.
 „ *serratus*, n.g., n.sp.
 „ *armatus*, n.g., n.sp.
 „ *intermedius*, n.g., n.sp.
 „ *duplex*, n.g., n.sp.

Stations 188, 189, and 190 (Soundings 320 to 322), Arafura Sea (see Chart 31).

STATIONS 188
TO 190
(ARAFURA SEA).

September 10 to 12, 1874.

At 8.30 A.M. on September 10 shortened and furled sails and brought ship to wind for the purpose of dredging and trawling in 28 to 30 fathoms, deposit composed of sand and shells, containing 38.70 per cent. of carbonate of lime (Station 188). At 1.20 P.M. completed dredging and trawling, many specimens being procured, and made all plain