

POLYZOA (Busk, Zool. pts. 30 and 50).

API.

Salicornaria malvinensis, Busk. For distribution see Station 145. [Recorded in error from Station 176, 1450 fathoms].

Retepora margaritacea, n.sp. Obtained at no other locality. [Recorded in error from Station 176, 1450 fathoms].

Crisia elongata, M.-Edwards. Obtained at no other locality by the Challenger. [Recorded in error from Station 176, 1450 fathoms].

FISHES (Günther, Zool. pt. 6).

Gobius genivittatus, C.V. (Fresh water).

Sicydium sp. (?), fry. (Fresh water).

Two small fishes are recorded also from the dredgings.

In the foregoing list 48 species are enumerated, of which 24 are new to science, including representatives of 8 new genera; 19 of the new species and 3 new genera were not obtained elsewhere.

Station 178 (Sounding 308), Fiji to Raine Island (see Chart 27 and Diagram 13).

STATION 178.

August 19, 1874; lat. 16° 47' S., long. 165° 20' E.

Temperature of air at noon, 76°·8; mean for the day, 76°·5.

Temperature of water:—

Surface,	79°0	600 fathoms,	38°5
50 fathoms,	76·0	700 "	38·0
100 "	71·5	800 "	37·4
150 "	65·0	900 "	36·8
200 "	57·0	1000 "	36·3
250 "	51·5	1100 "	35·8
300 "	47·5	1300 "	35·8
400 "	42·3	1500 "	35·8
500 "	40·0	Bottom,	35·8

Density at 60° F.:—

Surface,	1·02621	100 fathoms,	1·02673
50 fathoms,	1·02625	200 "	1·02636

Depth, 2650 fathoms; deposit, Red Clay.