

STATION 279.

<i>Discorbina saulcii</i> (d'Orbigny).	<i>Pulvinulina hauerii</i> (d'Orbigny). <i>Rotalia orbicularis</i> , d'Orbigny. „ <i>soldanii</i> , d'Orbigny. <i>Amphistegina lessonii</i> , d'Orbigny. <i>Operculina complanata</i> (Defrance). <i>Heterostegina depressa</i> , d'Orbigny.
<i>Truncatulina haidingerii</i> (d'Orbigny).	
„ <i>lobatula</i> (Walker and Jacob).	
„ <i>ungeriana</i> (d'Orbigny).	
<i>Pulvinulina auricula</i> (Fichtel and Moll).	
„ <i>elegans</i> (d'Orbigny).	

AT TAHITI.

The Challenger remained at Tahiti from 4.20 P.M. on September 18 till 9 A.M. on October 3 (for description of the island see *Narr. Chall. Exp.*, vol. i. pp. 776-788). Mr. Murray and Lieutenant Swire spent most of the time in examining the outward slope of the reef, by dredging, sounding, &c., from the steam pinnace and boats. The following species are recorded in the Zoological Reports as having been obtained from shore and shallow-water during the stay:—

ANIMALS FROM
TAHITI.

KERATOSA (Poléjaeff, Zool. pt. 31).

Luffaria variabilis, n.sp. Obtained also at New Hebrides.

MONAXONIDA (Ridley and Dendy, Zool. pt. 59).

Halichondria solida, n.sp. One specimen (30 to 70 fathoms); obtained also at New Hebrides (var.).

Acarus ternatus, Ridley. One specimen (20 fathoms); obtained at no other locality by the Challenger. Recorded from Bombay, Torres Strait, and Amirante Islands.

Echinodictyum asperum, n.sp. Eight specimens (20 fathoms); obtained at no other locality.

TETRACTINELLIDA (Sollas, Zool. pt. 63).

Pilochrota pachydermata, n.g., n.sp. One specimen (30 to 70 fathoms); obtained at no other locality.

ALCYONARIA (Wright and Studer, Zool. pt. 64).

Spongodes carnea, n.sp. (30 to 70 fathoms); obtained at no other locality.

„ *pustulosa*, n.sp. Three specimens (30 to 70 fathoms); obtained at no other locality.

„ *cervicornis*, n.sp. (30 to 70 fathoms); obtained at no other locality.

REEF CORALS (Quelch, Zool. pt. 46).

Pocillopora cespitosa, Dana. One specimen; obtained also at Sandwich Islands.

„ *solida*, n.sp. One specimen; obtained at no other locality.

„ *grandis*, Dana. One specimen; obtained at no other locality by the Challenger.