THE VOYAGE OF H.M.S. CHALLENGER.

STATION 44. PENNATULIDA (Kölliker, Zool. pt. 2).

Animals from Dredge. Protoptilum aberrans, n.sp. One specimen; obtained also at Stations 45 and 46, 1240 and 1350 fathoms.

ASTEROIDEA (Sladen, Zool. pt. 51).

Pararchaster semisquamatus, n.g., n.sp., var. occidentalis, nov. One specimen (either from this Station or Station 45). The species was obtained at Stations 235 and 237, 565 and 1875 fathoms. Recorded subsequently from Indian Ocean ("Investigator").

Pontaster forcipatus, n.g., n.sp. A few specimens; obtained also at Stations 45, 46, 50, and 146 (var. echinata), 1240 to 1375 fathoms. Dytaster exilis, n.g., n.sp., var. carinata, nov. The species was obtained at Station

300, 1375 fathoms; and var. gracilis at Station 133, 1900 fathoms. Recorded subsequently from Indian Ocean ("Investigator").

" madreporifer, n.g., n.sp. Obtained also at Station 45, 1240 fathoms.

Plutonaster rigidus, n.g., n.sp. One specimen (either from this Station or Station 45); var. semiarmata was obtained at Station 46 or 47.

Phoxaster pumilus, n.g., n.sp. One specimen (either from this Station or Station 45); obtained also at Station 46, 1350 fathoms. Only species of the genus.

GEPHYREA (Selenka, Zool. pt. 36).

Phascolosoma flagriferum, n.sp. One specimen; obtained also at Station 241, 2300 fathoms.

ANNELIDA (M'Intosh, Zool. pt. 34).

Melinnopsis atlantica, n.g., n.sp. One fragmentary specimen ; obtained at no other locality. Only species of the genus.

POLYZOA (Busk, Zool. pt. 30).

Canda simplex, n.sp. (?). One or two small fragments ; obtained at no other locality by the Challenger. Recorded from Gulf of Mexico.

TUNICATA (Herdman, Zool. pt. 17).

Culcolus perlatus (Willemoes-Suhm), n.g., n.sp. One specimen; obtained at no other locality.

In addition to the foregoing, the following are recorded in the Station-book :-- two