

AT VALPARAISO.

The Challenger remained at Valparaiso from November 19 till December 11, 1875 (see *Narr. Chall. Exp.*, vol. i. pp. 842-843). The deposit off Valparaiso in 41 fathoms was a Blue Mud, containing only a trace of carbonate of lime. The following species are recorded in the Zoological Reports as having been obtained during the stay:—

ANIMALS FROM
VALPARAISO.

ASTEROIDEA (Sladen, Zool. pt 51).

Stichaster aurantiacus (Meyen), Verrill. (Shore); obtained at no other locality by the Challenger. Recorded from Chili and Peru.

Heliaster helianthus (Lamarck), Dujardin and Hupé. (Shallow water); obtained at no other locality by the Challenger. Recorded from Ecuador, Chili, and Peru.

ECHINOIDEA (Agassiz, Zool. pt. 9).

Arbacia nigra (Molin). Obtained at no other locality by the Challenger.

ANOMURA (Henderson, Zool. pt. 69).

Petrolisthes violaceus (Guérin). Four specimens (beach); obtained at no other locality by the Challenger. Recorded from Chilian coast.

„ *validus* (Dana). Several specimens (beach); obtained also in Messier Channel. Recorded from Valparaiso (?).

BRACHYURA (Miers, Zool. pt. 49).

Cancer longipes, Bell. Two specimens (shore); obtained at no other locality by the Challenger.

Acanthocyclus gayi, M.-Edwards and Lucas. Two specimens (beach); obtained also in Messier Channel. Recorded from Chili, Patagonia, and Magellan Strait.

Leptograpsus variegatus (Fabricius). One specimen (shore); obtained at no other locality by the Challenger. A widely-distributed species.

GASTEROPODA (Watson, Zool. pt. 42).

Fissurella crassa, Lamarck. (Shore); obtained at no other locality by the Challenger. Recorded from Chili.

„ *maxima*, Sowerby. (Shore); obtained at no other locality by the Challenger. Recorded from Chili, Peru, and Rio Janiero.

Trochus (Chlorostoma) ater, Lesson. (Shore); obtained at no other locality by the Challenger. Recorded from Chili, Bolivia, and Magellan Strait.

Litorina peruviana (Lamarck). (Shore); obtained at no other locality by the Challenger. Recorded from Chili and Peru.