

LAMELLIBRANCHIATA (Smith, Zool. pt. 35).

STATION 78.

- Callocardia* (?) *atlantica*, n.sp. Obtained also at Station 73.
- Næra obesa*, Lovén. Single valve; obtained at no other locality by the Challenger. Recorded from both sides of the North Atlantic ("Porcupine," &c.).
- „ *azorica*, n.sp. Single valve; obtained at no other locality.
- Cryptodon croulinensis*, (Jeffreys). Single valve; obtained also at Stations VIII. and 33.
- Dacrydium vitreum* (Möller). Obtained also at Station 73.
- Nucula reticulata*, Jeffreys. A few valves; obtained at no other locality by the Challenger. Recorded from North Atlantic ("Valorous").
- Leda confinis*, n.sp. Obtained at no other locality.
- „ *jeffreysi*, Hidalgo. Obtained also at Station 344, 420 fathoms.
- Lima* (*Limatula*) *subovata*, Jeffreys. Obtained at no other locality by the Challenger.
- „ („) *confusa*, n.sp. Obtained also at Stations 23 and 120.
- Amussium propinquum*, n.sp. Two odd valves; obtained at no other locality.
- „ *lucidum* (Jeffreys). Obtained also at Stations 73 and 120.

SCAPHOPODA and GASTEROPODA (Watson, Zool. pt. 42).

- Dentalium capillosum*, Jeffreys. Obtained also at Stations II., 24, and 73.
- „ *subterfissum*, Jeffreys. Obtained also at Stations 85 and 120, 1125 and 675 fathoms. Recorded from Davis Strait and North Atlantic ("Valorous," "Lightning," and "Porcupine").
- Cadulus gracilis*, Jeffreys. Obtained also at Stations 75 and 85.
- „ *tumidosus*, Jeffreys. Obtained also at Station 85, 1125 fathoms. Recorded from North Atlantic ("Valorous," "Porcupine," and "Josephine"). Fossil—Pliocene of Messina.
- Lepeta* (*Pilidium*) *fulva* (Müller). Dead shell; obtained at no other locality by the Challenger. Recorded from northern and Arctic seas of Europe and America. Fossil—Post-Tertiary of Norway.
- Trochus* (*Margarita*) *rhina*, n.sp. Obtained also at Stations 73 and 75.
- Seguenzia carinata*, Jeffreys. For distribution see Station 73.
- Ianthina exigua*, Lamarek. For distribution see Station 70.
- Trachysma delicatum* (Philippi). For distribution see Station 75.
- Buccinum* (?) *aquilarum*, n.sp. Obtained at no other locality.
- Pleurotoma* (*Pleurotomella*) *pruina*, n.sp. Obtained at no other locality.
- „ („) sp. (?).
- „ (*Mangelia*) *macra*, n.sp. Obtained also at Station 73.
- „ („) *incincta*, n.sp. Obtained at no other locality.