

- Diachoris hirtissima*, Heller. (St. Vincent, 10 fathoms); obtained at no other locality by the Challenger. Recorded from Adriatic. CAPE VERDES.
- Retepora imperati*, Busk. (Porto Praya, 100 to 120 fathoms); obtained also at Station 75. [Waters calls it *Retepora tessellata*, Hincks, var. *imperati*, Busk.]
- Porella lævis*, var. *subcompressa*, Hincks. (Porto Praya, 100 to 150 fathoms); obtained at no other locality by the Challenger. Recorded from northern seas.
- Smittia jacobensis*, n.sp. (Porto Praya, 100 to 120 fathoms); obtained also at Station 145, 50 to 75 fathoms.
- Cupularia owenii* (Gray). (St. Vincent, 11 fathoms); obtained at no other locality by the Challenger. Recorded from African coast and Canaries.
- Crisia conferta*, Busk. (St. Vincent, 10 fathoms); obtained also at Station 163, 150 fathoms. Recorded from Cape Verdes.
- Hornera frondiculata*, Lamouroux. (Porto Praya, 100 to 120 fathoms); obtained at no other locality by the Challenger. Recorded from Mediterranean. Fossil—Crag and Upper Tertiaries of Sicily, &c.

TUNICATA (Herdman, Zool. pt. 38).

- Leptoclinum albidum*, Verrill (?). Two colonies (St. Iago, 10 to 125 fathoms); obtained also at Station 209, 95 fathoms (var. *grande*, nov.), and Simon's Bay, Cape. Recorded from America.

FISHES (Günther, Zool. pt. 6).

- Scorpxena scrofa*, Linné. (St. Vincent); obtained at no other locality by the Challenger.
- Rhypticus saponaceus*, Bl. Schn. (St. Vincent); obtained at no other locality by the Challenger.
- Dactylopterus volitans*, Linné. (St. Vincent); obtained at no other locality by the Challenger.
- Lichia glauca*, Linné. (St. Iago); obtained also at Ascension.
- Caranx crumenophthalmus*, Bl. (St. Iago); obtained also at Admiralty and Sandwich Islands.
- Argyriosus setipinnis*, Mitch. (Porto Praya); obtained at no other locality by the Challenger.
- Galeoides polydactylus*, Vahl. (St. Iago); obtained at no other locality by the Challenger.
- Sphyræna vulgaris*, C.V. (St. Iago); obtained at no other locality by the Challenger.
- Mugil cephalus*, Cuv. (St. Iago); obtained at no other locality by the Challenger.