

ATLANTIC OCEAN.

Station 131, 2275 fathoms.—A tympanic bulla, $2\frac{1}{2}$ inches (63 mm.) in length, closely corresponding with that of *Ziphius cavirostris*.¹

SOUTHERN INDIAN OCEAN.

Station 143, 1900 fathoms.—A small indeterminable fragment of bone, about the size of a marble, consisting of cancellated tissue, and coated and impregnated with manganese.

Station 160, 2600 fathoms.—Several tympanic bullæ, three apparently allied to *Mesoplodon*,² another belonging to *Delphinus*, and a petrous bone apparently of a *Globiocephalus*; also a nodulated mass of bone, coated and impregnated with manganese, and three small fragments, one a flat bone.

PACIFIC OCEAN.

Station 274, 2750 fathoms.—Tympano-periotic bone of *Globiocephalus*,³ another of one of the Delphinidæ,⁴ another like that of a *Mesoplodon*, and six separate petrous bones and four separate tympanic bullæ belonging to the smaller species of Cetacea; also a small fragment of bone forming the nucleus of a manganese nodule.

Station 276, 2350 fathoms.—Two tympano-periotic bones of *Mesoplodon*, closely resembling *Mesoplodon layardi*,⁵ eight separate petrous bones and six tympanic bullæ, one of the latter belonging to *Globiocephalus* and another allied to *Kogia*, the rest apparently those of *Delphinus*.

Station 281, 2385 fathoms.—Six tympanic bones, 1 to $1\frac{1}{4}$ inches (25 to 32 mm.) in length, and three petrous bones, all belonging to the family of dolphins.

Station 285, 2375 fathoms.—Four tympanic bones, 2·7 to 4·7 inches (7 to 12 cm.) in length, belonging to the genus *Balænoptera*;⁶ another closely allied, $3\frac{1}{2}$ inches (9 cm.) in length; twenty-five smaller tympanic bones and eighteen petrous bones, belonging to the genera *Mesoplodon*, *Delphinus*, and *Globiocephalus*; a petro-mastoid bone, 4 inches (10 cm.) in length, probably belonging to one of the Baleen whales; and numerous small fragments of bone thickly coated with manganese.

Station 286, 2335 fathoms.—About ninety tympanic bullæ were recognised, and various fragments coated with and imbedded in manganese, which appeared to be portions of tympanic bones, in addition to forty-two detached petrous bones. A bulla nearly 6 inches (15 cm.) in length, and a fragment of a similar bone, belong probably to *Balænoptera antarctica*;⁷ two bullæ, one 3·6 inches (91 mm.) the other 3·4 inches (86 mm.) in length, belong probably to *Balænoptera rostrata*⁸ (possibly *Balænoptera huttoni*?); several bullæ, about 3 inches (76 mm.) in length, belong to *Balænoptera*, probably an extinct species.⁹ Two bones, 3 inches (76 mm.) in length, probably belong to the

¹ Figured in Zool. Chall. Exp., pt. iv. pl. ii. fig. 10.

² See Pl. VIII. fig. 11.

³ See Pl. VII. figs. 6, 7.

⁴ See Pl. VII. fig. 3.

⁵ See Pl. VIII. figs. 4, 5.

⁶ See Pl. VII. fig. 1.

⁷ Figured in Zool. Chall. Exp., pt. iv. pl. ii. fig. 11.

⁸ See Pl. VIII. figs. 12, 13.

⁹ See Pl. VII. fig. 2.