

PLATE VII.

- Fig. 1. Tympanic bone of a large species of *Balænoptera*, coated and impregnated with manganese (natural size). Station 285; 2375 fathoms. South Pacific.
- Fig. 2. Section of bulla of *Balænoptera* (perhaps *Balænoptera antarctica*), similar to the preceding (natural size). Station 286; 2335 fathoms. South Pacific.
- Fig. 3. Bulla of *Balænoptera* (perhaps *Balænoptera rostrata*), with a considerable coating of manganese (natural size). Station 286; 2335 fathoms. South Pacific.
- Figs. 4 and 5. Right and left bullæ of a whale belonging to the Balænidæ, upper and under surfaces (natural size). The markings shown in fig. 5 were found on both of the bones and are of the same character; these are the only bones taken during the cruise with such marks, and they differ from all the other earbones in other respects as well as in the markings. Station 286; 2335 fathoms. South Pacific.
- Figs. 6 and 7. Tympano-periotic bones of *Mesoplodon* (*Mesoplodon layardi*?), outer and inner surfaces (natural size). The bones were coated with manganese and attached when brought up, but in the majority of cases the petrous and tympanic bones were separate. Station 276; 2350 fathoms. South Pacific.