

PLATE XVI.

DIGESTIVE ORGANS OF PENGUINS.

Fig. 1.—Interior of stomach of *Eudyptes chrysolophus*; half natural size.

- D.* Duodenum.
- M. S.* Muscular portion of stomach (gizzard).
- Æ.* Œsophagus.
- P. G.* Proventricular gland.

Fig. 2.—Interior of stomach of *Spheniscus demersus*; half natural size. Letters as in fig. 1.

Fig. 3.—Interior of stomach of *Spheniscus magellanicus*; half natural size. Letters as in fig. 1.

Fig. 4.—Interior of stomach of *Spheniscus mendiculus*; half natural size. Letters as in fig. 1.

Fig. 5.—Spleen of *Eudyptes chrysocome*, from Kerguelen; natural size.

Fig. 6.—Spleen of *Eudyptes chrysolophus*; natural size.

Fig. 7.—Spleen of *Spheniscus demersus*; natural size.

Fig. 8.—Spleen of *Spheniscus magellanicus*; natural size.

Fig. 9.—Dissection of *Spheniscus demersus*, to show the relative positions of the thoracic and abdominal viscera in the Spheniscidæ.

- C.* Cloaca.
- C. A.* Carotid artery.
- C. T.* Cleido-thyroid muscle.
- G. B.* Gall bladder.
- H.* Heart.
- I.* Small intestine.
- L. L.* Lungs.
- LI. LI.* Liver.
- Æ.* Œsophagus.
- S.* Stomach.
- S. A.* Subclavian artery.
- S. T.* Sterno-tracheal muscle.
- T.* Tongue.
- T. H.* Thyro-hyoid muscle.
- Tr.* Trachea.
- V. C. S.* Vena cava superior right and left.