

PLATE XIII.

DIGESTIVE ORGANS OF *Eudyptes chrysocome*, FROM KERGUELEN ISLAND.

Fig. 1.—Tongue and floor of mouth ; natural size.

- B. P.* Buccal group of papillæ.
- L. F.* Apertures of ducts of lingual glands.
- L. P.* Laryngeal pad, separated from its fellow by the superior aperture of the larynx.
- Æ.* Commencement of the œsophagus.
- T.* Tongue.

Fig. 2.—Roof of mouth ; natural size.

- P.* Horny plate which completes the palate in front.
- P. G.* Apertures of ducts of palatal glands.
- P. L.* Palate covered with recurved papillæ.

Fig. 3.—Exterior of stomach of *Eudyptes chrysocome*, from Kerguelen ; half natural size.

- D.* Duodenum.
- G. S.* Glandular portion of stomach.
- M. S.* Muscular portion of stomach or gizzard.
- Æ.* Œsophagus.

Fig. 4.—Interior of stomach of *Eudyptes chrysocome*, from Kerguelen ; half natural size.

- D.* Duodenum.
- M. S.* Muscular portion of stomach or gizzard, showing the longitudinal rugæ converging towards the pyloric orifice.
- Æ.* Œsophagus, showing the longitudinal rugæ.
- P. G.* Proventricular gland.

Fig. 5.—Liver and pancreas of *Eudyptes chrysocome*, from Kerguelen ; natural size.

- G. B.* Gall bladder.
- I. I. I.* Intestine.
- L. H. D.* Left hepatic duct.
- L. L.* Left lobe of liver.
- L. P. D.* Lower pancreatic duct.
- P. P.* Pancreas.
- R. H. D.* Right hepatic duct.
- R. L.* Right lobe of liver.
- S.* Stomach.
- U. P. D.* Upper pancreatic duct.
- V. C. I.* Vena cava inferior.

Fig. 6.—Great intestine of *Eudyptes chrysocome*, from Kerguelen, seen from the front.

- A.* Anus.
- A. P.* Anal passage.
- C.* Cæca closely applied to one another below the gut.
- Cl.* Cloaca.
- R.* Rectum.
- S. I.* Termination of small intestine.