

PLATE XIX.

RESPIRATORY ORGANS OF PENGUINS.

(All the figures are of the natural size.)

- Fig. 1.—Posterior extremity of trachea of *Eudyptes chrysochome*, from Tristan d'Acunha; dorsal surface. *B.* Bronchus. *C. Tr.* Contractor tracheæ muscle. *L.* Lung. *P.* Fibrous pad attached to the membranous portion of the bronchus. *S. T.* Sterno-tracheal muscle.
- Fig. 2.—Posterior extremity of trachea of *Eudyptes chrysochome*, from Tristan d'Acunha; ventral surface. *B.* Bronchus. *L.* Lung. *Tr.* Trachea.
- Fig. 3.—Posterior extremity of trachea of *Eudyptes chrysochome*, from the Falkland Islands; dorsal surface. Letters as in fig. 1. The drawing shows the absence of the fibrous pad found in *Eudyptes chrysochome*, from Tristan d'Acunha.
- Fig. 4.—Posterior extremity of trachea of *Eudyptes chrysolophus*; ventral surface. Letters as in fig. 2.
- Fig. 5.—Posterior extremity of trachea of *Eudyptes chrysolophus*; dorsal surface. Letters as in fig. 1.
- Fig. 6.—Framework of lower larynx of *Eudyptes chrysolophus*.
- Fig. 7.—Posterior extremity of trachea of *Spheniscus magellanicus*; ventral surface. Letters as in fig. 2.
- Fig. 8.—Posterior extremity of trachea of *Spheniscus magellanicus*; dorsal surface. Letters as in fig. 1.
- Fig. 9.—Framework of lower larynx of *Spheniscus magellanicus*.
- Fig. 10.—Posterior extremity of trachea of *Spheniscus mendiculus*; dorsal surface. Letters as in fig. 1.
- Fig. 11.—Posterior extremity of trachea of *Pygosceles taniatus*; ventral surface. Letters as in fig. 2.
- Fig. 12.—Posterior extremity of trachea of *Pygosceles taniatus*; dorsal surface. Letters as in fig. 1.
- Fig. 13.—Framework of lower larynx of *Pygosceles taniatus*.