

## P O S T S C R I P T.

Since the manuscript of the foregoing pages was placed in the hands of the printer, I have devoted attention to the collection of the eggs and young of the Challenger Penguins, the results of the investigation into the anatomy of which I proposed should form the second part of this memoir. The collection consisted of—

- (a) Ten eggs of *Eudyptes chrysocome*, from Tristan d'Acunha.
- (b) Two eggs of *Pygosceles tæniatus*, from the Falkland Islands.
- (c) A quantity of eggs of *Eudyptes chrysocome*, from Tristan d'Acunha, containing embryos.
- (d) Fourteen young Penguins from Tristan d'Acunha.
- (e) Two young specimens of *Eudyptes chrysocome* from Kerguelen Island.

(a) Of the ten eggs of *Eudyptes chrysocome*, from Tristan d'Acunha, the majority did not appear to have been incubated, but in others the blastoderm was partially developed. In the latter, the pellucid and opaque areas presented a circular form, showing that the eggs had been removed from the nests shortly after incubation had commenced. The state of preservation of these eggs was not such as to warrant any expectation of important embryological results from examination of the blastoderm by means of the microscope, and I did not, therefore, proceed to examine them with the aid of that instrument.

(b) Both the eggs of *Pygosceles tæniatus* were so completely decomposed that it was impossible to determine with accuracy anything regarding their mode of development.

(c) All the eggs of *Eudyptes chrysocome*, from Tristan d'Acunha, which contained young birds were in an excellent state of preservation. The contained embryos were all of large size, indeed they appeared to be for the most part mature and ready to make their escape from the egg. In a few, however, the yolk sac had not yet been withdrawn into the cavity of the abdomen.

(d) and (e) The fourteen young Penguins from Tristan d'Acunha, and two young specimens of *Eudyptes chrysocome* from Kerguelen, were all small birds which had apparently only recently escaped from, or in some cases had been removed from, the egg at or about full time.