

opinion. In Dr. Gray's figure of *Eumetopias lobatus*<sup>1</sup> only five post-canine teeth are shown in the upper jaw, but in form, cuspidation, and oblique setting they correspond closely with the teeth in my male skull. In an imperfect skull in the Museum of the Royal College of Surgeons of England, marked *Otaria lobata*, there are only five upper post-canines.

*Arctocephalus*, F. Cuvier.

*Arctocéphales*, F. Cuvier, Mém. du Mus., xi. p. 205, 1824.

*Arctocephalus*, F. Cuvier, Dict. d. Sci. Nat., t. xxxix. p. 554, 1827.

Professor Peters gives the following definition of this genus:—"With longer ears. Below the contour hairs a thick under-fur, which in both quite young and old animals is very sparing. Structure of skull and bony palate like *Eumetopias*." To these characters may be added, post-canines  $\frac{6-6}{5-5}$ , the last upper being distinctly behind the maxillary root of the zygoma. It is difficult to say how many species are to be referred to this genus. That it contains several is however undoubted. The Fur-Seal of the Pribylov Islands is quite distinct from the South American Fur-Seal, both of which again differ from that of the Cape of Good Hope, and from the Fur-Seal of Australia and New Zealand. The Fur-Seal of Kerguelen Island is apparently a distinct species, and so also, perhaps, is the one from Juan Fernandez. It is possible also that there are other species.

*Arctocephalus australis* (Zimmermann). South American Fur-Seal.

*Phoca australis*, Zimmermann, Geogr. Geschichte, iii., 1783.

„ *falklandica*, Shaw, General Zoology, i. pt. 2, p. 256, 1800.

*Euotaria nigrescens*, Gray, Zool. Voy. "Erebus" and "Terror," p. 12, 1875.

*Otaria falklandica*, Abbot, Proc. Zool. Soc. Lond., 1868, p. 192.

*Arctophoca falclandica*, Burmeister, Die Seehunde der argentinischen Küsten, Buenos Aires, 1883.

I have described, in the first part of this Report, the skull and skeleton of this animal with considerable detail, from specimens shot in the Messier Channel. The skull closely corresponds with certain crania in the British Museum from the Strait of Magellan, labelled *Arctocephalus nigrescens*, and also with the specimens in the Museum of the Royal College of Surgeons of England from Lobos Island, River Plate, and from the Falkland Islands, labelled *Otaria australis* or *Otaria falklandica*, so that the specific terms *falklandicus* and *nigrescens* are obviously synonyms of *australis*. This Seal frequents therefore the southern part of the South American continent on both the

<sup>1</sup> Zoology of Voyage of "Erebus" and "Terror," vol. i., Mammalia, pl. xvii.