

the skull was 202 mm.; if 90 mm. be allowed for the missing vertebræ then the combined length of skull and spine would be 1392 mm. or 4 ft. 6 in. The length of the spine, including the dried intervertebral discs, of the larger Kerguelen Island Fur-Seal was 1110 mm., that of the skull was 212 mm., giving a total length of 1322 mm. or 4 ft. 3 in. Mr. H. E. Elliott in his account of the Northern Fur-Seal of the Pribylov Islands (*Callorhinus ursinus*) states¹ that the male, when fully mature and fat, weighs on an average from 400 to 500 pounds, while the female gives a mean of from 80 to 85 pounds. Mr. Allen gives the length of the skeleton, including the skull of an adult male *ursinus*, as 2040 mm. (6 ft. 7 in.); and of another as 1840 mm. (6 ft. $\frac{1}{2}$ in.); whilst one adult female measured 1370 mm. (4 ft. 5 in.); and another 1215 mm. (3 ft. 10 in.).

It would appear therefore that the Northern Fur-Seal, especially the male, is a somewhat longer and probably more bulky animal than the Fur-Seal which frequents the southern half of the South American continent.

The length-breadth indices of five male skulls of *Arctocephalus australis*, calculated on the width behind the external meatus, were respectively 55·8, 59, 50, 58·9, and 51, and of the female 52·9; but at the interzygomatic width the indices for three males were respectively 63·5, 57, and 59, and for the female 57·4. The length-breadth indices of the skulls from Kerguelen Island, calculated on the width behind the external meatus, were respectively 56·6 and 51·6, and on the interzygomatic width 61·7 and 56·8 respectively.

Arctocephalus, sp. incerta.

Fur-Seal from Juan Fernandez.

This specimen from its size was obviously a very young pup. It was given alive to Sir Wyville Thomson at Juan Fernandez, but died after being a few days on board ship. The animal was preserved in strong spirit. Its principal dimensions are as follows:—

TABLE VIII.—FUR-SEAL FROM JUAN FERNANDEZ.

	Ft.	In.
From snout to tip of tail,	1	7 $\frac{1}{4}$
From snout to longest digit of pes,	1	10
Length of free part of tail,		1 $\frac{1}{2}$
Length of pectoral limb,		6 $\frac{1}{2}$
Greatest breadth of that limb,		2 $\frac{1}{2}$
Length of hind limb from root of tail,		5 $\frac{1}{2}$
Greatest breadth of that limb,		1 $\frac{1}{2}$
From root of pectoral limb to angle of mouth,		7 $\frac{1}{2}$

¹ The Seal Islands of Alaska, a memoir issued by the Department of the Interior, Washington, 1881; and in his book, An Arctic Province, Alaska and the Seal Islands, London, 1886.