

With the permission of Mr. Deans, the types of the two species described in this paper have been presented to the museum of the Geological Survey by the members of the Natural History Society of British Columbia.

EXPLANATION OF PLATE VII.

OLCOSTEPHANUS (ASTIERIA) DEANSII.

Fig. 1.—Side view of the only specimen collected.

1a.—Outline of the same, from another point of view, to show the proportionate breadth of the shell and probable shape of its aperture.

HOPLITES HAIDAUENSIS.

Fig. 2.—Side view of the only specimen collected.

2a.—Another view of the same, to show the characters of the peripheral region, near the aperture.

2b.—Front view of the same, in outline, to show the shape of the aperture, etc. All the figures of natural size.

NOTES ON THE DEPLETION OF THE FUR-SEAL IN THE SOUTHERN SEAS.¹

By FREDERICK REVANS CHAPMAN.

In a communication which I addressed to Prof. T. J. Parker, F.R.S., on September 24th, 1891, I gave such facts as I then had at command on the subject of the practical extinction of the fur-seal of New Zealand. I am now in a position to add considerably to this, and to supplement it with information respecting the fate of this animal in the Australian seas. If more were needed, I think that it might be obtained by further research, but this would be difficult and would take much time, and as I have no reason

¹ Mr. Chapman's paper, here printed, was written by him in response to enquiries on my part respecting the fur-seal and methods of sealing in the Australasian region. These enquiries were in the first place addressed to Prof. T. J. Parker, F.R.S., of the University of Otago, Dunedin, N. Z. Prof. Parker referred to Mr. Chapman as likely to be well informed on the subject, and obtained from him a memorandum which was printed as an appendix to the Report of the British Behring Sea Commission. At a later date, and too late for inclusion in the report mentioned, Mr. Chapman favored me with the present more detailed paper, embodying the result of much enquiry on his part. This paper, it is