

touched at points on the coasts of Newfoundland and Labrador, Mr. Palmer accompanying her for the purpose of observing and collecting the fish-eating birds, their eggs and young. He records 40 species of water birds, respecting most of which he has copious and very interesting notes, especially respecting the species of *Alcidæ* and *Laridæ* observed. He also noted incidentally 38 species of land birds, an annotated list of which is also presented, in which "*Corvus corax nobilis* (Ridgw.)" is doubtless a *lapsus calami* for *Corvus corax principalis* Ridgw. — J. A. A.

Lucas on the Anatomy and History of the Great Auk.* — In 1887 Mr. Lucas, under the direction of the late Professor Baird, visited Funk Island for the purpose of obtaining remains of the great Auk. The object of this visit was satisfactorily accomplished, Mr. Lucas succeeding in obtaining not only a large quantity of the bones of this extinct bird, but much interesting information respecting one of its former favorite breeding resorts. The results of these investigations are given in the present paper, which opens with a chapter entitled 'The Bird Rocks and Funk Island in 1887,' occupying the first twenty pages. It includes an account of the gradual extinction of the Great Auk at the localities named, and its causes, etc., and is illustrated with a sketch map of Funk Island. The second part of the paper is on 'Skeletal Variation in the Great Auk,' the principal variations being graphically presented by means of diagrams. The paper concludes with a 'List of Books and Papers Relating to the Great Auk,' an annotated list occupying five pages, from which it appears that the earliest known reference to the Great Auk was published in 1534. There are photogravure illustrations of the mounted specimen of the Great Auk, and of the Great Auk's egg, in the collection of the National Museum. The paper presents much valuable historic and anatomical information about this flightless and now extinct bird. — J. A. A.

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*The Expedition to the Funk Island, with Observations upon the History and Anatomy of the Great Auk. By Frederic A. Lucas. Rep. U. S. National Museum, 1887-88, pp. 493-529, pls. lxxi-lxxiii.