

other material belonging to the U. S. National Museum and the American Museum of Natural History.<sup>1</sup> A large amount of material is illustrated in half-tone, comprising 578 figures of bones or fragments arranged on 35 plates.

*Colymbus parvus*, *Polilymbus magnus*, *Phalacrocorax macropus* and *Olor matthewsi* from the Oregon Pleistocene are described as new.

In a second paper additional collections belonging to the same institutions are described. Ninety-six specimens are figured on nine plates. *Diatryma ajax*, and *Palæophasianus* (gen. nov.) *meleagroides* from the Wasatch of Wyoming, are described as new, also *Aquila antiqua*, *A. ferox*, and *A. lydekkeri* from the Bridger Formation, Wyoming, and *Proictinia gilmorei*, from the Loup Fork of Kansas.— W. S.

**Hahn on the Future of the North American Fauna.**<sup>2</sup>— The late Dr. Hahn whose unfortunate death was mentioned recently in 'The Auk' has contributed a suggestive paper under the above title. While he has in mind animal life as a whole most of his remarks refer equally well to birds and he constantly quotes birds as examples. We cannot do better than to quote his own résumé in order to give an idea of the manner in which he has treated the subject. "Briefly the tendency of the North American fauna is toward mediocrity. Large species are giving way to small; bizarre species to commonplace. Marsh-loving and forest-loving animals disappear with the advance of civilization, and grass-loving species that are able to exist in fence rows and pastures survive. Animals that yield products of value vanish before the hand of man; likewise his enemies are destroyed unless protected by small size and great fecundity. Courage and the social instinct are at a discount and cunning and timidity at a premium."— W. S.

**Doolin's 'Field, Forest and Stream in Oklahoma.'**<sup>3</sup>— In this attractively printed and well illustrated volume, Mr. Doolin sets a high standard for game wardens' reports. As he says in his 'foreword': "An annual report which recorded merely receipts and expenditures would convey no information such as might lead the public to an understanding of the problems and difficulties that confront those who are desirous of saving all useful forms of wild bird and animal life from extermination. It is especially the purpose of this report to ask the people of Oklahoma for their fullest co-operation in the protection and conservation of disappearing wild life in this state."

<sup>1</sup> Cf. 'The Auk,' 1913, pp. 36-39, for a preliminary review of this study.

<sup>2</sup> The Future of the North American Fauna. By the late Walter L. Hahn, Ph.D. Pop. Sci. Monthly, August, 1913, pp. 169-177.

Cf. p.

<sup>3</sup> Field, Forest and Stream in Oklahoma. Being the 1912 Annual Report of the State Game and Fish Warden, John B. Doolin, to the Governor of the State of Oklahoma, the Honorable Lee Cruce. Roy Svo. pp. 1-159.