

he concludes that "the Courlans possess a greater number of gruine characters than they do ralline ones." The Paludicolæ are divided into two superfamilies, the Gruioidea, and the Rallioidea, the first including the Cranes and Courlans, each as distinct families, and the other the Rails, Gallinules and Coots.—J. A. A.

**Grundtvig on the Birds of Shiocton, Wisconsin.**—Mr. Grundtvig's paper was originally published in Danish in 1888, and has recently been translated into English and republished.<sup>1</sup> It is a copiously annotated list of 183 species, the result of systematic daily observations carried on by the author "from October, 1881, to October, 1883," within the limits of a very small area Outagamie County, Wisconsin. The introductory pages (pp. 73-94) describe the author's method of work, the general character and extent of the region treated and the distribution of the birds therein, and also notes the influence of the spring weather upon the arrival of the migratory birds in both 1882 and 1883. During the period mentioned the author appears to have given a large part of his time to the study in the field of the birds of his immediate vicinity, and the results of such detailed work, here presented, possess unusual value and interest. Thanks are due Mr. Faxon and to the Wisconsin Academy for rendering Mr. Grundtvig's paper accessible to English readers.—J. A. A.

**Bourns and Worcester on the Birds of the Philippine Islands.**<sup>2</sup>—The authors of the present paper "had the honor of forming two of the 'party of five collectors from the United States' which constituted the Steere Expedition to the Philippines" in 1887-88, when thirteen of the larger islands of the group were visited in company with Dr. Steere. "Being convinced," say these authors, "that much remained to be done, both in the discovery of new species and in the working out of the exact distribution of species already known, we were extremely anxious to return and continue the work. This we were enabled to do in the summer of 1890 through the liberality of Mr. Louis F. Menage, a public spirited citizen of Minneapolis, Minnesota, and a member of the Minne-

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<sup>1</sup>On the Birds of Shiocton in Bovina, Outagamie County, Wisconsin, 1881-83. By F. L. Grundtvig. Trans. Wisconsin Acad. Sciences, Arts, and Letters, Vol. X, 1894, pp. 73-158, with map. Translated by Charles E. Faxon, from the Videnskabelige Meddelelser fra den naturhistoriske Forening i Kjøbenhavn for Aaret 1887, pp. 305-396 (1888). Translation "Issued July, 1894."

<sup>2</sup>Preliminary Notes on the Birds and Mammals collected by the Menage Scientific Expedition to the Philippine Islands. By Frank S. Bourns and Dean C. Worcester. Minnesota Acad. Nat. Sciences, Occasional Papers, Vol. I, No. 1, Dec., 1894. 4to., pp. 64.