

but two of them depicting Cliff Swallows' nests and one a young Swainson's Hawk.

**Crabb on Woodpeckers of Oklahoma.**—Mr. Crabb has found fifteen species and subspecies of Woodpeckers in the state of Oklahoma; each is described in detail in the present pamphlet<sup>1</sup> with an account of its habits, food, call notes, etc., and a bibliography of literature consulted is appended. The publication should be of service in giving to the public information on these valuable birds and arousing a greater interest in them. There are several halftone illustrations of structural characters and plumage. It is a publication of the University of Oklahoma Biological Survey.—W. S.

**Birds of the Virgin Islands.**—Prof. S. T. Danforth of the University of Porto Rico has published<sup>2</sup> his records of birds observed or collected on several trips to the various islands of the Virgin Island group. Fifty-eight species are listed with annotations dealing especially with food. Appended to the paper is another<sup>3</sup> by Harry A. Beaty, of St. Croix, summarizing his many years study of the birds of this island, including observations on habits, abundance etc., and descriptions of the nests and eggs. This list comprises 88 species among which is the first record of the Canada Warbler for the West Indies and several first records for St. Croix.

The two papers present the most complete account that we have of the birds of the Virgin Islands although Dr. Wetmore has listed all the Virgin Island records known to him in his more comprehensive 'Birds of Porto Rico.'—W. S.

**Grote on the Wintering of Palaearctic Birds in Africa.**—This paper<sup>4</sup> is a compilation of winter records in Africa of a long list of Palaearctic birds with references to a bibliography of 184 titles of papers dealing with African collections and explorations.

The author discusses the records with regard to routes of travel and dates of occurrence and differentiates between the ranges of subspecies of the same form which are found in Africa during winter. He has performed an excellent service which will be of much assistance to students of migration and geographic distribution.—W. S.

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<sup>1</sup> The Woodpeckers of Oklahoma. By Edward Drane Crabb. University of Colorado. Publ. Univ. Oklahoma. Vol. II, No. 3, 1930, pp. 111-158.

<sup>2</sup> Bird Records from the Virgin Islands. By Stuart T. Danforth.

<sup>3</sup> Birds of St. Croix. By Harry A. Beaty. Reprinted from the Journal of the Dept. of Agriculture of Porto Rico. Vol. XIV, No. 3, July, 1930, pp. 107-150.

<sup>4</sup> Wanderungen und Winterquartiere der paläarktischen Zugvögel in Afrika. Von Hermann Grote. Sonderabdruck aus: Mitteilungen aus dem Zool. Mus. in Berlin. XVI, Heft 1, pp. 1-116. 1930.