

smithi (p. 162) Doi Sutep; *Zosterops palpebrosa vicina* (p. 162) Doi Sutep; *Aethopyga nipaleosis angkanensis* (p. 162) Doi Angka.

Riley, J. H.—A Review of the Birds of the Islands of Siberut and Sipota Mentawi Group (*Spolia Mentawiensia*) (Proc. U. S. Nat. Mus. Vol. 75, Art. 4, pp. 1-45, pl. 1, 1929.)—This report is based upon a collection made by C. Boden Kloss, which has already been reported upon by Messrs. Chasen and Kloss (*Ibis*, 1926, pp. 269-306), but which was sent to Washington in order that it might be compared with the collections from neighboring islands made by Dr. W. L. Abbott. Three new forms have already been named by Mr. Riley (Proc. Biol. Soc. Washington, Vol. 40, pp. 95-96).

Salomonsen, Finn.—Bemerkungen über die Verbreitung der *Carduelis linaria* Gruppe und Ihre Variationen. (Særtryk af Vidensk. Medd. fra Dansk naturh. Foren Bd. 86, 1928, pp. 123-202.)—A detailed study of the Redpolls in which the author reaches conclusions different from those expressed in the A. O. U. 'Check-List.' He regards all forms as races of *A. l. linaria*, recognizes *A. l. fuscescens* Coues, from Labrador and eliminates *A. l. holboelli* from America.

Schestakowa, Miss G. S.—Die Entwicklung der distalen Muskulatur des Vogelflügels, and Die Entwicklung des Vogelflügels. (Bull. Soc. Nat. de Moscou, 1927.)—Two important papers on the structure of the bird's wing and the arrangement of the muscles published in German and Russian. Miss Schestakowa is a pupil of Prof. Michael Mentzbiez of Moscow, under whose direction the work was done.

Snyder, L. L.—Winter Birds of Toronto. (Bull. Royal Ontario Museum of Zoology, No. 2, January, 1929.)

Swarth, H. S.—The Faunal Areas of Southern Arizona: A Study in Animal Distribution. (Proc. Calif. Acad. Sci., Vol. XVIII, No. 12, pp. 267-383, April 26, 1929.)—Report on a field trip to the vicinity of the Santa Rita Mountains, Arizona, May-June, 1927, by the author, Joseph Mailliard and Raymond Gilmore. This mountain range seems to mark the division between the eastern "plains" region and the western "desert" region of southern Arizona and the object of the expedition was to work out the distribution of the characteristic forms of the two areas. Besides the general discussion of the problem there is an annotated list of the 164 birds and 34 mammals that were found by the party.

Zimmer, John T.—New Birds from Peru, Brazil and Costa Rica. (Proc. Biol. Soc. Washington, Vol. 42, pp. 81-98. March 25, 1929.)—Results of a study of the collection made by the Marshall Field Peruvian Expedition. Forms described are: *Xenops rutilus septentrionalis* (p. 82) Guayabo, Costa Rica; *Pipra coronata circumpicta* (p. 84) Munichis, Peru; *Pipra pipra microlopha* (p. 85) Puerto Bermudez, Peru; *Phrygilus unicolor*

inca (p. 88) Huanuco, Peru; *Chlorophanes spiza axillaris* (p. 90) Bahia, Brazil; *Tangara chilensis chlorocorys* (p. 91) Vista Alegre, Peru; *Thraupis episcopus caeruleus* (p. 94) Vista Alegre; *Ramphocelus melanogaster transitus* (p. 95) Chinchao, Peru.

The discussion is very full and replete with information about related forms, distribution, etc., which is very helpful.

Zimmer, John T.—The Birds of the Neotropical Genus *Deconychura*. (Publ. 257. Field Mus. Nat. Hist., Zool. Series, Vol. XVII, No. 1, pp. 1-18. May 18, 1929.)

A careful review in which two species *longicauda* (with five races) and *stictolaema* (with four races) are recognized.

D. l. pallida (p. 6) Hyutanahan, Brazil; *D. l. connectens* (p. 8) Puerto Bermudez, Peru; and *D. s. clarior* (p. 14) Pied Saut, French Guiana are described as new.—W. S.

The Ornithological Journals.

Bird-Lore. XXXI, No. 2. March-April, 1929.

The Loon at Close Range. By Dr. Frank N. Wilson.—An intimate account of the habits of nesting Loons with some remarkably fine photographs of the female and nest.

Bird-Life at an Iowa Mill Pond. By Fred J. Pierce.—Notes on Cormorants, Ducks, Grebes, etc.

Flycatcher Habitats. By J. T. Nichols.

Dr. A. A. Allen, in the Audubon Department, has an account of the Chipping Sparrow, illustrated by some of his exquisite photographs, while the colored plate figures the Three-toed Woodpeckers from a painting by Sutton.

Bird-Lore. XXXI, No. 3. May-June, 1929.

Robert Ridgway. By Frank M. Chapman.—An appreciation and reproduction of a letter written only a little more than a month before his death, with a recent photograph.

A Cedar Waxwing in Northern Michigan. By William A. Gross.—With admirable photographs of the birds and nest.

Warbler Ways. By Roger T. Peterson.—Photographs of Mourning and Chestnut-sided Warblers and Maryland Yellow-throat.

Dr. A. A. Allen has an excellent account of the life history of the Kingfisher, illustrated, and there is a colored frontispiece of the Blue-gray Gnatcatcher by Brooks.

The Condor. XXXI, No. 2. March-April, 1929.

Down-Tree Progress of *Sitta pygmaea*. By J. Eugene Law.—A most interesting and original study of this Nuthatch showing that the body is almost always held at right angles to the trunk with one foot supporting it from above and the other holding it away from the tree. A series of remarkable photographs illustrate the article.