

versity of South Carolina entitled 'Decrease of Birds in South Carolina,'¹ by Belle Williams, secretary of the South Carolina Audubon Society. This presents reports from all over the State on the abundance of birds, enforcement of laws, etc., and covers effectively the whole problem of bird conservation in one of the states where educational work of this kind is sadly needed.

In 'Science' for September 15, Dr. Joseph Grinnell and Mr. Tracy I. Storer discuss 'Animal Life as an Asset of National Parks.'—W. S.

The Ornithological Journals.

Bird-Lore. XVIII, No. 5. September–October, 1916.

Cardinals Through the Year. By Mrs. Robert G. Steele.

Protection of Migrating Birds in England. By W. W. Grant.— Describing the perches on lighthouses.

An Ancient Bird Census in Asphaltic Petroleum. By M. C. Frederick.— Account of the bird remains discovered in the La Brea deposits, Los Angeles, Cal.

Oregon Notes. By Sarah G. Pickins.

Winter Feeding-Stations at Highland Park, Rochester, N. Y. By W. L. G. Edson and R. E. Horsey.— Tabulates actual number of visits to feeding stations in one day. The Chickadees score was 1239!

Screech Owl Johnnie. By Florence M. Bailey.

The colored plate depicts four species of Thrasher, while the Audubon leaflet treats of the Avocet.

The Condor. XVIII, No. 5. September–October, 1916.

More Bird Notes from Big Bear Valley, San Bernardino Mountains. By W. M. Pierce.— Fourteen species.

Meeting Spring Half-way (cont'd). By Florence M. Bailey.— Corpus Christi to the Mexican Boundary.

A Hospital for Wild Birds. By Dr. W. W. Arnold.

Some Birds of the Fresno District, California. By J. G. Tyler.

Some Bird Notes from Humboldt Bay. By Joseph Mailliard.

Notes of the Golden Eagle in Arizona. By F. C. Willard.

The Oölogist. XXXIII, No. 9. September 15, 1916.

Relative to the Bald Eagle in Alaska. By I. J. Van Kammen.

Alarming Scarcity of Vultures. By E. F. Pope.— Destroyed in Texas as carriers of cattle disease. Cf. also No. 10.

Blue-Bird. VIII, No. 8. September, 1916.

An Experience with the Winter Wren. By C. J. Stanwood.— An admirable study of the nesting and rearing of the young.

The Wilson Bulletin. XXVIII, No. 1. March, 1916.

¹ Decrease of Birds in South Carolina. By Belle Williams. Bull. 47, Univ. of South Carolina, Columbia, S. C. August, 1916. pp. 1–69.

- North Dakota. By Gerard A. Abbott.
- Notes on Birds of Regions with Primitive Prairie Conditions. By T. L. Hankinson.— An Ecological Classification.
- The Terns of Weepecket Islands, Massachusetts. By A. R. Cahn.
- A Study of a White-breasted Nuthatch. By Winsor M. Tyler, M. D.
- November Bird-Life at Reelfoot Lake, Tenn. By A. F. Gainer.— Apparently the first paper on birds of this region since that of S. N. Rhoads (Proc. Acad. Nat. Sci. Phila., 1895).
- The Whisper Songs of Birds. By J. J. Schafer.— Heard both in spring and autumn.
- The Wilson Bulletin.** XXVIII, No. 2. June, 1916.
- The Yellow-billed Tropic-Bird. By Karl Plath.— In Bermuda.
- A Brewer Blackbird Roost in Redlands [Cal.]. By Florence M. Bailey.
- The Goldfinch in Captivity. By J. Claire Wood.
- The Annals of Three Tame Hermit Thrushes. By C. J. Stanwood.
- A Brief History of the Nebraska Ornithologists' Union. By Myron H. Swenk.
- A Recent Instance of the Nesting of Barn Swallows on Cliffs. By N. DeW. Betts.
- The May Bird Census.— Lists for single days in mid-May, the largest being 138 at Oberlin, Ohio, May 15, 1916, made by six observers.
- The Wilson Bulletin.** XXVIII, No. 3. September, 1916.
- A Strange Nesting of the Barred Owl and Red-shouldered Hawk. By Walter A. Goelitz.— Close together on the same tree.
- Birds by the Wayside. By Althea R. Sherman.— In Palestine and from Jaffa to Constantinople.
- Fall Migration Records (1906–1915) at Ann Arbor, Michigan. By A. D. Tinker and N. A. Wood.
- An April Day's Migration in the Dakota Valley. By S. S. Visher.
- Preliminary List of the Birds of Floyd County, Iowa. By C. L. Fenton.— Ninety species.
- Notes on the Breeding Warblers of Tennessee. By A. F. Gainer.
- The Ibis.** X Series, IV, No. 4. October, 1916.
- On the Coloration of the Mouths and Eggs of Birds. II. On the Coloration of Eggs. By C. F. M. Swynnerton.— This important paper reviews the various theories that have been advanced to explain the coloration of eggs and presents a number of original comments and criticisms. Several experiments are also described in detail, dealing with transference of eggs from one nest to another, and the preference of the rat and mongoose for eggs of various colors.
- Some Birds of Palawan, Philippine Islands. By Willoughby P. Lowe.
- The Bird-Caves of the Bermudas and their Former Inhabitants. By Dr. R. W. Shufeldt (see p. 98 *antea*).
- Eider Duck on the Ythan. By H. R. Kelh.
- Obituaries of J. A. Harvie Brown and others.
- Bulletin of the British Ornithologists' Club.** CCXVIII. October 24, 1916.

The following new birds are described: By Lord Rothschild, *Micræca flavigaster laetissima* (p. 4), Queensland. By Dr. Hartert, *Corydon sumatranus brunnescens* (p. 4), Borneo; *Diaptrornis semicinctus* (p. 4), E. Congo Free State. By Mr. T. Carter, (p. 6); *Calamanthus campestris hartogi*, *Sericornis maculatus hartogi*, and *Stipiturus malachurus hartogi* all from Dirk Hartog Isl., W. Australia.

British Birds. X, No. 5. October, 1916.

Obituary of J. A. Harvie Brown.

Some Breeding Habits of the Sparrow Hawk (concluded). By J. H. Owen.

British Birds. X, No. 6. November, 1916.

The Moults of the British Passeres with Notes on the Sequence of their Plumages. By H. F. Witherby (continued).

Avicultural Magazine. VII, No. 11. September, 1916.

Nesting Notes from the Zoological Gardens. By D. Seth-Smith.—Rhea, Tinamou, Manucode, etc.

The Black Redstart and its Breeding Haunts. By H. D. Astley.

Bird Song. By "Birdlover."—An excellent review of the nature and origin of song.

Avicultural Magazine. VII, No. 12. October, 1916.

Notes on the Red-winged Bush Shrike (*Telephoneus australis minor*). By V. G. L. van Someren.

The Imitative Power of Birds. By A. G. Butler.

Cuvier's Podargus. By Graham Renshaw.—Habits in captivity.

Bird Life on Yanko Creek, N. S. W. By C. Barrett.

Bird Notes. VII, No. 4. April, 1916.

Some Colony Birds. Reprint from 'Timehri,' Jour. Roy. Agric. and Commercial Soc. of British Guiana.—Account of many British Guiana species, continued to the September number.

Bird Notes. VII, No. 5. May, 1916.

Bird Catching in India. By Douglas Dewar.

Bird Notes. VII, No. 6. June, 1916.

Photograph of a hybrid quail, *Callipepla squamata* × *Lophortyx californica*.

Journal of the South African Ornithologists' Union. XI, No. 1. December, 1915.

The Birds of Philipstown, Cape Province with Notes on their Habits. By H. L. Hare.

Ornithological Notes from Natal. By E. C. Chubb.

The Curlew in South Africa. By John Wood.

Remarks upon some Widely Distributed Family Traits. By A. A. Lane.

Birds of the Kaffrarian Frontier. By F. A. O. Pym.

Birds in Relation to their Prey. By C. F. M. Swynnerton.—Feeding Actions of Wood Hoopoes, Small Hornbill and a Babbler.

The South Australian Ornithologist. II, Pt. 8. October, 1916.

Birds of the North and Northwest of Australia (No. 7). By G. M. Mathews.

- Notes on the Genus *Epthianura*. By A. M. Morgan.
Revue Française d'Ornithologie. VIII, No. 90. October, 1916.
[In French.]
List of Birds Collected or Observed on the Ivory Coast, [Guinea] 1906-1907 and 1913-1914 (continued in No. 91). By Drs. Bonet and Millet-Horsin.
Contribution toward an Ornithological Study of Provence. By Jos. L'Hermitte (concluded).
Revue Française d'Ornithologie. VIII, No. 91. November, 1916.
Noxious Birds and Animals and their Reasonable Destruction.—By Count Tristan.
Ardea. V, No. 2. August, 1916. [In Dutch.]
Report on the Meeting of the Netherlands Ornithological Society, Leiden, March 26, 1916.
On Ringing Titmice and Other Small Birds. By J. L. F. DeMeyers.
Contribution to a Study of the Least Bittern (*Ardetta minuta*). By A. Burdet.
Messenger Ornithologique. VII, No. 3. [In Russian.]
Materials for an Ornithology of N. W. Mongolia (cont'd.). By A. I. Tugarinow.
On the Gray Goldfinch (*Carduelis caniceps*) of Russian Turkestan. By N. A. Sarudny.
Preliminary Review of the Subspecies of the Linnets (*Acanthis cannabina*). By Prince Alex. Koudashev.—Seven are recognized, of which *A. c. taurica* (p. 178) from Krym and *A. c. persica* (p. 179) from Northern Persia are new.
Turtur ferrago silvarum subsp. nova. (p. 181.) By H. Johansen.
On the Paper of N. A. Sarudny "On some Swallows from Russian Turkestan." By Baron G. V. Loudon.
Nest and Eggs of *Numenius tenuirostris* Vieill. By V. E. Ushakov.

Ornithological Articles in Other Journals.¹

- Pearson**, T. G. Uncle Sam's Birds. (Amer. Mus. Journ., XVI, No. 6, October, 1916).
Despott, G. Ornithological Report for the Maltese Islands. (Zoologist, October, 1916).
Butterfield, E. P. Behavior of Two Young Cuckoos in One Nest, (Zoologist, August, 1916.)
Saunders, W. E. Another Nesting Site of the Prairie Warbler in Ontario. (Ottawa Naturalist, Aug.-Sept., 1916.)

¹ Some of these journals are received in exchange, others are examined in the library of the Academy of Natural Sciences of Philadelphia. The Editor is under obligations to Mr. J. A. G. Rehn for a list of ornithological articles contained in the accessions to the library from week to week.