

(*Nezara viridula*), and the bollworm or corn earworm (*Heliothis obsoleta*), all injurious to cotton.

Bird enemies of Forest Insects.—Dr. E. P. Felt in his annual report for 1921¹ calls attention to the importance of birds as enemies of leaf-eating caterpillars in forests and suggests that “better protection of birds is one of the most promising methods of avoiding serious injury.” After noting the complete destruction by English Sparrows of a flight of snow-white linden moths (*Ennomos subsignarius*) in the city of Albany, he further states: “Insect-feeding birds appear to be the most effective checks upon such outbreaks and occurrences such as noted above are additional arguments for the better protection of birds, since under present conditions, at least, the cost of artificial control in ordinary woodland areas would be prohibitive.”—W. L. M

The Ornithological Journals

Bird-Lore.² XXV, No. 5. September–October, 1923.

Birds of Paradise at Little Tobago Island. By Henry D. Baker.—Interesting account of the habits of the birds and the proposal to catch them and transfer them to Miami, Fla.

The Bird-Feeding Towers of Ahmedabad [India]. By Grant Foreman.

The Marsh Hawk in Southern Michigan. By William G. Fargo.

Feeding-Habits of the Northern Shrike. By Ralph E. Danforth.

Observations on the Mockingbird at Dallas, Texas. By Alice B. Harrington.

The color plate depicts the Green Heron, American, Least and Cory's Bitterns.

Bird-Lore. XXV, No. 6. November–December, 1923.

Stories from Birdcraft Sanctuary. By Mabel Osgood Wright.

The Evening Grosbeak at Ithaca, N. Y. By Herbert Friedmann.

Our Winter Guests. By B. T. Chafin.

Great Blue Herons' Nests. By Donala Gillingham.—A remarkable photograph showing 27 nests and over 50 birds in one tree, at Vancouver, B. C.

Birds seen in Florida in February, 1923. By W. G. Fargo.

The colored plate, with migration and plumage notes, treats of Scott's and Audubon's Orioles and the number closes with the bulky report of the National Association of Audubon Societies which is full of important matter on bird study and the progress of conservation work.

The Condor.³ XXV, No. 5. September–October, 1923.

An experiment with a Rufous Hummingbird. By A. Dawes DuBois.

¹ 35th Rep. State Ent. N. Y. (1921) June 1923, pp. 82 and 84.

² D. Appleton and Co., Harrisburg, Pa.

³ 514 Lester Ave., Pasadena, Calif.

More Notes from Saskatchewan. By H. H. Mitchell.—With photographs showing nesting site of Solitary Sandpiper in old Robin's nest.

Form of Egg and Extent of Migration. By Charles K. Averill.

Some Geographical Notes on the Cactus Wren. By Griffing Bancroft.

Description of a New Grouse from Southern California. By D. R. Dickey and A. J. van Rossem.—*Dendragapus obscurus howardi* (p. 168.)

List of Sea Birds Collected by Mr. Chas. Fagan. By Alexander Wetmore.—Between Panama and Valparaiso.

Notes on some Birds Observed in the Vicinity of Calusa, California. By Joseph Grinnell.

A note by Alan Brooks indicates that the alleged capture of *Mesophoyx intermedia* in British Columbia was based on a Japanese specimen.

The Wilson Bulletin.¹ XXXV, No. 3. September, 1923.

Birds of Calloway County, Kentucky. By Gordon Wilson.—Very briefly annotated list of 141 species.

A Review of the Records of the Trumpeter Swan in the state of Washington. By Walter P. Taylor.

Notes on the Bird Life of Allegheny County, Pennsylvania. By Thomas D. Burleigh (continued).

The Status of the Florida Crow. By Harold H. Bailey.—Mr. Bailey has five Florida and seven Common Crows but gives us no measurements for any of them, merely his opinion that as a result of comparison of alleged characters the birds are not separable.

The Oologist.² XL, No. 9. September, 1923.

Nesting of the Richardson Pigeon Hawk. By F. A. Patton.—In the Black Hills, S. D.

Nesting of the Mourning Warbler. By L. S. Dear.

The Ibis.³ (11 Series) V, No. 4. October, 1923.

Bird Migration as Observed on the East Coast of England. By J. H. Gurney.—(1) The Autumnal Migration, (2) How far does wind affect Migration, (3) Observations made in Heligoland. This paper was written just prior to Mr. Gurney's death.

An Account of a Visit to the Breeding Islet of *Sterna dougalli korustes* and *Sterna bergii edwardsi* in Ceylon waters by Capt. W. W. A. Phillips.

On the Forms of *Melierax*. By H. Kirke Swann.

A Note on the Birds of Spiti. By Hugh Whistler.

On the Birds of South-east Yunnan, S. W. China. Part III. By J. D. LaTouche.

The Birds of Sind. Part VI. By Claud B. Ticehurst.

Report on the Birds collected during the British Museum Expedition to the Ivory Coast. By David A. Bannerman.—With an account of the

¹ Lynds Jones, Oberlin, Ohio.

² R. M. Barnes, Lacon, Ill.

³ Wheldon & Wesley, Ltd., 2-4 Arthur St., New Oxford St., W. C. 2, London.

Field work by W. P. Lowe.—*Nilaus minor ruwenzorii* (p. 698) is described as new from Ruwenzori.

British Birds.¹ XVII, No. 5. October, 1923.

Field Notes from Glamorganshire. By Geoffrey C. S. Ingram and H. M. Salmon.

Some Observations on Cuckoos in 1923. By Edgar Chance.—The same paper appears as a letter in the October 'Ibis'.

First Impressions of Some Birds seen on the Naardermeer. By Edward A. Armstrong.

The Name of the Scottish Ptarmigan. By Ernst Hartert.—*L. cinereus* Magillivray being proven untenable he names it *L. mutus millaisi* (p. 106).

On the Red Grouse from Ireland and the Outer Hebrides. By H. F. Witherby.—Not distinguishable from one another but different from the British form so that they may be known as *Tetrao scoticus hibernicus* (Kleinschmidt).

On the Names Proposed by Rennie in Montague's Ornithological Dictionary. By F. C. R. Jourdain.

A most interesting note by Mr. Serle describes Mr. David Hamilton's studies of nesting Swifts; both male and female were found sitting side by side on the nest.

British Birds. XVII, No. 4. September, 1923.

A Note on the Nesting of the Whimbrel. By William E. Glegg.—With excellent photographs.

British Birds. XVII, No. 6. November, 1923.

Pigeons and Pigeon-Racing. By B. B. Riviere.—This is a very important paper to those interested in the problem of bird migration. As the author says, it is surprising "how little most ornithologists seem to know about the work of Homing Pigeons," and he proceeds to set forth the more important points in Pigeon racing and the results obtained as well as his theory as to how Pigeons reach home on long flights. His theory is briefly as follows: that they "find their way home by means of remarkable powers of vision and observation, combined with a wonderfully retentive memory for the configuration of any country which they have once flown over." They also learn that they must steer in one particular course (individual pigeons being always trained over a single course) and have an instinctive sense of geographical direction or consciousness of the points of the compass. This power of picking out their customary direction of flight he regards as very different from "homing by instinct" but it does not strike the reviewer that there is much difference. It must be remembered that Mr. Riviere's conclusions are based almost exclusively upon experience with Pigeons trained over definite courses. He makes no reference to the reports of the French Pigeon service (*cf.* Bird Lore, II, p. 101)

¹ H. F. & G. Witherby, 326 High Holborn, London.

in which it is claimed that birds taken in closed baskets over an irregular route returned the same way instead of in a straight line, nor to Dr. Watson's Terns at the Dry Tortugas. He also mentions instances of untrained Pigeons homing successfully but regards these as "flukes."

Unfortunately we have no series of flights of absolutely untrained Pigeons with which to compare the flights of trained birds, as such experiments would prove costly and useless for racing purposes.

However the data presented are of the greatest importance especially those which relate to over sea flights and the lack of hesitation on the part of the birds in attempting them.

The Oologist. XL, No. 10. October, 1923.

Notes from the Ozark Mountains. By Johnson Neff.

Bulletin of the British Ornithologists' Club.¹ CCLXXXI. November 5, 1923.

Mr. David Bannerman describes four new birds collected in northern Cameroon by G. L. Bates, and Dr. Hartert two from Tanganyika. Mr. Stuart Baker discusses oriental Muscipidae, Laniidae and Pericrocotidae, listing the species of certain genera and describing new forms of *Culicicapa* and *Lalage*.

Messrs. Robinson and Kloss describe a new *Aethopyga* and Col. Meintzhagen two Larks.

Dr. G. C. Low discusses the species and nomenclature of Oystercatchers

Avicultural Magazine.² (IV Series) I, Nos. 8, 9 and 10. August, September and October, 1923.

A Possible Curtailment of Aviculture. By Allen Silver.—Rumor of a possible bill in Parliament and a discussion of the merits of bird keeping. The most likely curtailment is action by Australia and other countries similar to that in the United States stopping the catching or export of their native birds (August).

The Game-birds and Pigeons of the Gambia. By Dr. E. Hopkinson. (August–October.)

The Romance of a Tropical Forest. By J. B. Houston (August and September).—A romance indeed since he finds flocks of California Vultures feeding with the Turkey Buzzards at San Antonio, Tex., and Magnolia and Bay-breasted Warblers breeding there!

The Oologist's Record.³ III, No. 3. September, 1923.

This admirable magazine, which aims to treat the study of eggs as a branch of scientific ornithology contains an important paper on the eggs of palaeartic Accipitres by Rev. F. C. R. Jourdain and several communications on proposed legislation for the protection of British birds.

¹ Dr. Percy R. Lowe, Nat. Hist. Museum, S. Kensington, London.

² Stephen Austin & Sons, 5 Ford St., Hertford, England.

³ Harrison & Sons, Ltd., 45 St. Martin's Lane, London, W. C. 2.

The Emu.¹ XXIII, Part 2. October, 1923.

The Long-Lost Eyrean Grass Wren. By A. J. Campbell.—Two specimens in the British Museum collected in 1875 are the only ones known. An excellent colored plate of the bird (*Amytornis goyderi*) illustrates the article.

A Week on the Upper Barcoo, Central Queensland. By W. B. Alexander.

Australian Petrel Forms: Still More to Learn. By T. Iredale.—As observed from the vessel on a voyage from England to Australia.

The Gannets of Cape Kidnappers. By H. S. Cottrell.

How Settlement and Other Factors are Affecting Native Birds. By A. S. LeSoueff.

Notes on Honeyeaters. By P. A. Gilbert.

The Fijian Crimson-Breasted Parrot. By Casey A. Wood.

The Crested Bell-Bird. By Amy Baesjon.

Birds of the Broome Hill District. By Tom Carter.

Revue Francaise d'Ornithologie.² XV, Nos. 172-173. August-September, 1923. [In French.]

An Examination of Nidification of Hole-nesting Birds through the Oriface. By Dr. F. Cathelin.—By means of a minute electric bulb and a mirror.

Description of a New Subspecies of *Alauda arvensis*. By A. Vaucher.—*A. a. henrii* (p. 155) coast of Tetnan and probably southern Spain.

Study of a Collection of Birds from Mexico. By J. Berlioz (continued).

The Eider in Brittany. By H. de Balsac.

Ornithological trips to the Region North of the Sahara. By H. de Balsac. (continued in October.)

The Migration of Birds. By G. de Burg.—Discussion of European Routes. (continued in October.)

Der Ornithologische Beobachter.³ XX, No. 12. September, 1923. [In German and French.]

The Hoopoe in the Bernese Seeland. By H. Mühlemann.—With photographs from life.

Ornithologische Monatsberichte.⁴ XXXI, No. 6. November-December, 1923. [In German.]

On the Speech of Parrots and their Intellectual Ability. By F. von Lucanus.

Accipiter leucosomus (Sharpe). An Albinistic Mutant of *Accipiter etorques* (Salv.). By E. Stresemann.

¹ 2 Temple Court, Melbourne, Australia.

² 5 Rue de Stockholm, Paris (8e), France.

³ R. G. Zbinden & C. Basel, Switzerland.

⁴ R. Friedlander & Sohn, Berlin N. W. 6, Karlstr. 11, Germany.

- Journal für Ornithologie.**¹ 71, Part 4. October, 1923. [In German.]
On the Floristic-Faunistic Associations of South China with especial consideration of the Avifauna. By R. Mell.
Remarks on Some Persian Birds III. By N. Sarudny and M. Harms.
The Acquirement of Crests by Canary-birds. By H. Duncker.
On the Drawing of *Leguatia gigantea* of Francis Barlow. By E. Stresemann.
On the Influence of Climatic Factors on the Pigmentation of Bird Feathers. By K. Görnitz.
Mutation Studies. By E. Stresemann.
On Some Accipiter species. By E. Stresemann who also describes *Baza lophotes melli* (p. 525) Tso-gok-wahn, China.

Ornithological Articles in Other Journals.

- Bailey, Vernon.** Maximilian's Travels in the Interior of North America, 1832 to 1834 (Natural History, XXIII, No. 4).—Some account of his bird collection now in the American Museum.
Cahn, Alvin R. Louisiana Herons and Reddish Egrets at Home. (Natural History, XXIII, No. 5).—A visit to Green Island off the Texas coast; beautifully illustrated.
Lloyd, Hoyes. The Birds of Ottawa, 1923 (continued in October). (Canadian Field Naturalist, September, 1923).
Munro, J. A. A Preliminary Report on the Relationship of Various Ducks and Gulls to the Propagation of Sock-eye Salmon. (Ibid.)—At Henderson Lake, B. C., Mergansers, Barrow's Golden-eyes, Glaucous-winged and Short-billed Gulls were feeding on Salmon spawn to an extent damaging to fishing industries.
Pearse, Theed. Banding Glaucous-winged Gulls. (Ibid.) October 1923.—With other notes on a colony in British Columbia.
Saunders, W. E. The Mockingbird in Ontario. (Ibid.)
Stoddard, H. L. July Bird Notes from Bonaventure Island, Quebec. (Ibid.)
Stewart, Walter. The Rook in Lanarkshire (Scottish Naturalist, September-October, 1923).—With a map of Rookeries.
Evans, William. The Eider Duck (*Somateria mollissima*) in the "Forth Area." (Ibid.)
Brooks, Alan. The Destruction of Waterfowl in the West. (American Forestry, October, 1923).—Photographs showing the effect of the "duck malady."
Shufeldt, R. W. Grouse and Quail Exhibition in the Bird Hall of the United States National Museum. (Ibid.)
Miles, Lee. Federal Aid for Our Wild Fowl. (Ibid, November, 1923.)—A clear explanation and plea for the Public Shooting Ground-Game Refuge Bill.

¹ R. Frielander & Sohn, Berlin N. W. 6, Karlstr. 11, Germany.