

beetles had congregated.”¹ Records of the Biological Survey show this beetle to be devoured by the following additional species of birds: Killdeer, Least Flycatcher, Starling, Orchard Oriole, English Sparrow, Gray-cheeked Thrush and Robin.— W. L. M.

Dissemination of the Chestnut-blight Fungus.—In ‘The Auk’ for January, 1915,² the writer reviewed a paper on birds as carriers of the chestnut-blight fungus.³ It was then remarked that “the part birds play in the general spread of the disease is so small that it will never be seriously urged as a reason for diminishing bird protection.” If further argument were needed to buttress this position, it is available in abundance in a paper by the same authors (plus one) on “Air and wind dissemination of Ascospores of the Chestnut-blight Fungus.”⁴

Two paragraphs of their conclusions are quoted: “In and near badly diseased chestnut groves or forests the number of ascospores falling on each square foot of exposed surface following a period of rain, as indicated by exposure plates, is very large and is sufficient to offer abundant opportunity for new infections.”

“All of these experiments point to air and wind transport of the ascospores of the chestnut-blight fungus as one of the very important methods of dissemination. . . . It can now be said with absolute certainty that following each warm rain of any amount ascospores are carried away from diseased trees in large numbers. Since they have been obtained in large numbers at distances of 300 to 400 feet from the source of supply, the conclusion of the authors that they may be carried much greater distances is justified. During dry periods wind dissemination of ascospores does not occur at all or sinks to a very insignificant minimum.”

If the blight is freely distributed by so omnipresent an agency as the wind, the part that birds play in the dissemination must be reckoned as comparatively unimportant.— W. L. M.

The Ornithological Journals.⁵

Bird-Lore. XVII, No. 2. March–April, 1915.

Bird-Life in Southern Illinois. III. Larchmound: A Naturalist's Diary. By Robert Ridgway.

A Mysterious Bird of the Marsh. By Verdi Burtch.— A study of the Bittern with excellent photographs.

¹ Conradi, A. F. & Eagerton, H. C. The spotted click beetle (*Monocrepidius vespertinus* Fab.). Bull. 179, Dec. 1914, p. 7.

² Vol. XXXII, No. 1, p. 119.

³ Journal Agr. Research, II, No. 6, Sept., 1914, pp. 405–422.

⁴ Journ. Agr. Research, III, No. 6, March, 1915, pp. 493–525.

⁵ The name of the editor and publisher of each journal will be found in the January number of ‘The Auk.’

Second Sectional Bird Census, 1914. Taken at Berwyn, Chester County, Pennsylvania. By F. L. Burns.— Compared with a similar census made in 1899–1901 it shows little difference in the totals which are 62 species and 1388 individuals for the earlier count, and 60 species and 1424 individuals for the 1914 census.

The Story of a Red-tailed Hawk. In Two Parts. Part II. By Mrs. A. B. Morgan.

Migration of N. A. Kinglets. By W. W. Cooke. Plumage notes by F. M. Chapman, color plate by Fuertes.

The Educational Leaflet treats of the Towhee and is by T. G. Pearson, with an excellent color plate by Fuertes. The Audubon Society Department also contains an admirably illustrated article by W. L. and Irene Finley on the Road-runner and 'Facts about Cats' by E. H. Forbush.

Mr. Francis Harper contributes a remarkable photograph of feeding Meadowlarks to this number.

The Condor. Vol. XVII, No. 2. March–April, 1915.

Adaptability in the choice of Nesting Sites of Some Widely Spread Birds. By C. H. Kennedy.— Arkansas Kingbird nesting in open box on top of derrick, on a telephone pole and in an old Oriole's nest.

Nesting of the American Osprey at Eagle Lake, California. By M. S. Ray.

Notes on the Murrelets and Petrels. By A. Van Rossem.— Differences between *Brachyramphus hypoleucus* and *craveri* and between *Oceanodroma socorroensis* and *melania*.

Birds of a Berkley Hillside. By Amelia S. Allen.— With photographs of familiar Californian birds.

A Forty Acre Bird Census at Sacaton, Arizona. By M. F. Gilman.

Some Park County, Colorado, Bird Notes. By E. R. Warren.

The Wilson Bulletin. Vol. XXVII, No. 1. March, 1915.

June Birds of Laramie, Wyoming. By W. F. Henninger.— 105 species noted.

Birds by the Wayside, in Europe, Asia and Africa. By Althea R. Sherman.— Interesting observations on the birds of India in January in this installment.

Birds About a Country Home in Winter. By Alice Edgerton.

Comparative Periods of Deposition and Incubation of Some North American Birds. By F. L. Burns.— A compilation from manuscript notes of the author and others as well as from other sources.

The Oölogist. Vol. XXXII, No. 3. March 15, 1915.

A Nest of the Florida Red-shouldered Hawk. By Finlay Simmons.

The Rolling Call of the Pileated Woodpecker. By E. W. Vickers.— Interesting study of this bird.

List of Birds of Eastern U. S. Found in Jamaica and in Colombia in 1913. By Paul G. Howes.

Proceedings of the Nebraska Ornithologists' Union. Vol. VI, Part 2. February 27, 1915.

The Eskimo Curlew and its Disappearance. By M. H. Swenk.—A timely résumé of records with a photograph of a specimen obtained at Charles, Merrick Co., Nebraska, April 20, 1911.

The Oölogist. Vol. XXXII, No. 4. April 15, 1915.

Pileated Woodpecker. By O. Reinecke.—Near Buffalo, N. Y.

White-throated Swifts. By C. F. Schank.—Escondido, Cal.

Bulletin of the British Ornithologists' Club. No. CCIV. February 27, 1915.

Mr. Stuart Baker described (p. 61) *Laiscopus collaris whymperi*, from Garhwal, India.

The meeting was mainly devoted to a discussion of "Coloration as a Factor in Family and Generic Differentiation."

Dr. Percy R. Lowe presented the subject under six headings (1) "The distinction which must be made between colour-pattern and mere coloration"; (2) "The question of concealing coloration and vice versa, viz: brilliancy of coloration"; (3) "The constancy and persistence of colour-pattern"; (4) "The co-relation of colour-pattern with other generic characters"; (5) "Colour-pattern as a phylogenetic or generic clue"; (6) "The relation of colour-pattern to the question of 'genera-splitting' or 'genera-lumping'" (cf. Notes and News of this number of 'The Auk.')

Bulletin of the British Ornithologists' Club. No. CCV. March 29, 1915.

Dr. E. Hartert stated his opinion that *Ænanthe stapanza* and *Æ. aurita* are dimorphic forms of the same species.

Lantern slides were exhibited illustrating the faunal regions of Algeria, and the birds of the mouth of the Yenesei, N. Siberia.

The following new forms were described. By J. D. LaTouche: *Garrulus diaphorus* (p. 98), N. E. Chihli, China. By C. H. B. Grant: *Centropus grillii wahlbergi* (p. 99), Umslango, Pt. Natal; *Indicator minor alexanderi* (p. 99), Gambaga, Gold Coast; *I. exilis leona* (p. 100), Sierra Leone; *I. e. ansorgei* (p. 100), Gungal, Portuguese Guinea, *Pogoniulus chrysoconus rhodesiæ* (p. 100), Chambesi Valley, Rhodesia, *Dendropicos fuscescens cosensi* (p. 101), Senegal; *D. lafresnayi loanda* (p. 101), Loanda Dist.; *Thripias namaquus intermedius* (p. 101), Ugogo, German E. Africa; *Jynx ruficollis cosensi* (p. 102), Umala River, Afr.

British Birds. Vol. VIII, No. 10. March 1, 1915.

Notes on Migration at Dungeness, Kent, Autumn 1914. By H. G. Alexander.

Notes on the Habits of the Fulmar Petrel. By O. G. Pike.—With Admirable photographs.

British Birds. Vol. VIII, No. 11. April 1, 1915.

The Blakeney Point Ternery. By Wm. Rowan.—Well illustrated.

Avicultural Magazine. Vol. VI, No. 5. March, 1915.

The Kingfisher and Snipe in Captivity. By G. E. Rattigan.

My Hummingbirds and How I Obtained them. Anon.

Rare Birds in Continental Zoos. By G. Renshaw.

- Avicultural Magazine.** Vol. VI, No. 6. April, 1915.
A Tame Raven. By R. Phillipps.
- Bird Notes and News.** Vol. VI, No. 5. Spring, 1915.
On Liberating Cage Birds.
The Birds of Shetland and Orkney.
- Bird Notes.** Vol. VI, No. 2. February, 1915.
Nesting of the Lesser Grey-headed Guan (*Ortalis vetula*). By R. Suggitt.
British Corvidæ. By F. Dawson Smith. (Cont'd in March.)
A Journey Across the Sierras, S. California. By W. S. Baily. (Also cont'd in March issue.)
- Bird Notes.** Vol. VI, No. 3. March, 1915.
Birds of the Jhelum District. By H. Whistler. (Cont'd.)
- The Emu.** Vol. XIV, Part 3. January, 1915.
Royal A. O. U. Fourteenth Session.
Problems of Nomenclature. By A. H. E. Mattingley.—An admirable address by the president of the R. A. O. U. in which he presents a fair consideration of all sides of the question and advocates the use of trinomials and the observance of the International Code of Nomenclature.
The Mallacoota Excursion. By A. H. Chisolm.—The annual field trip of the R. A. O. U., upon which it was possible to study such interesting birds as the Emu Wrens and Satin Bower Birds "while the ringing voices of Lyre Birds floated up from the dense fern gullies with the first hint of dawn"!
The Birds of Mallacoota. By Capt. S. A. White. A well annotated list.
Australian Cuckoos. By H. L. White.—Lists of foster parents of the various species.
Notes upon *Astur cruentus* (*Urospiza fasciata cruenta*). By H. L. White.
Descriptions of New Australian Birds' Eggs. By H. L. White.
The Young of *Climacteris leucophaea*. By J. W. Mellor.
Cuckoos and their Offspring. By S. A. Hanscombe.
Cuckoos — Ejection of Foster Parents' Chicks. By A. G. Campbell.
North Queensland Birds. By D. Le Souëf.
Cuckoos in Tasmania. By Miss J. A. Fletcher.
Missing Birds. By A. J. Campbell.
Notes on Kagus (*Rhinochetus jubatus*). By H. E. Finckh.
- Ornithologische Monatsberichte.** (In German.) Vol. 23, No. 1. January, 1915.
Further Additions to the Avifauna of Prussian Schlesia. By Paul Kollibay.
- Ornithologische Monatsberichte.** Vol. 23, No. 2. February, 1915.
Remarks on *Carduelis c. carduelis* and *C. c. major*. By Dr. E. Hesse.
Two New Species from Africa. By A. Reichenow.
Falco pyrrhogaster (p. 25), Bosum, E. Cameroon; and *Dendromus aurei-cuspis* (p. 26), Ussagara, German E. Africa.
- Berajah** 1914, pp. 15-22.
Contains extensive discussion of the development of down feathers of *Falco peregrinus*.

Proceedings of the Bavarian Ornithological Society. XII, No. 2. (In German.)

Two new forms from Caucasus. By A. Laubman.—*Carpodacus erythrinus kubanensis* (p. 93), Karaul Kisha; *Emberiza cia prageri* (p. 98), Psebai, both localities in N. W. Caucasus.

Miscellanea Ornithologica. By C. E. Hellmayr.—Describes as new *Parus ater prageri* (p. 119), Jagdhaus Kische, N. W. Caucasus; *Pipra aureola scarlatina* (p. 122), Fazenda Cayoá, São Paula, Brazil; *Urosticte benjamini rostrata* (p. 125), La Selva, W. Colombia.

A Short Contribution to the Ornithology of Espirito Santo, S. E. Brazil. By C. E. Hellmayr.—Annotated list of 56 species.

On a New Grosbeak from Venezuela. By C. E. Hellmayr and J. Graf von Seilern.—*Pheuticus chrysopeplus laubmanni* (160) Galipan, Venezuela.

Revue Francaise d'Ornithologie. VI, Nos. 64-65. August-Sept., 1914. (In French.)

Specimens of *Fregilupus varius*. By A. Menegaux.—Photograph of four specimens in the Museum of Troyes.

Song Bird Fauna in the Environs of Vendome (cont'd.). By W. E. Coursimault.—Runs through numbers 66-67 and 69.

The Forcol [= Wryneck]. By A. Boutillieri.—A monographic account (completed in No. 66-67).

The Birds of New Caledonia. By A. Menegaux.

Revue Francaise d'Ornithologie. VI, No. 66-67. October-September, 1914.

The Generic Names *Mesites*, *Mesanas* and *Mesitornis*. By L. Brasil.—*Mesites* Geoff, 1838, antedates *Mesites* Schœnherr, 1838 (Coleoptera), and the substitute names were unnecessary.

Revue Francaise d'Ornithologie. VI, No. 68. December, 1914.

Note on the Food of the Grosbeak. By P. Paris.

Revue Francaise d'Ornithologie. VI, No. 69. January, 1915.

Ornithological Notes from French West Africa. Birds of Prey observe April 1913-May, 1914, on the Dakar Peninsula. By Dr. Millet-Horsin.

On Aepyornis. By R. Didier.

On the Uropygial Gland in Birds. By Paul Paris.

Revue Francaise d'Ornithologies. VI, No. 70. February, 1915.

The War and the Birds. By J. L'Hermitte.

Ornithological Notes from French West Africa. The Agni Legend of the Hornbill. By Dr. Millet-Horsin.

Report on a Collection of Birds Brought from India. By A. Engel (to be continued).—Eighty species are listed in this installment.

Revista Italiana d'Ornitologia. III, No. 3-4. July-December, 1914. (In Italian.)

On *Phylloscopus tristis* Blyth. By G. Vallon.

On the Necessity of International Legislation to Prohibit the Importation of Bird Plumage into Europe. By G. Whitaker.

Anomalies in the Coloration of the Plumage of Birds. By G. A. Carlotto.

On the Oriental Forms of the Genus *Guttera*. By A. Ghigi.— A careful monograph.

Hierophasis dissimilis. A New Mutation Form of *H. swinhoii* Gould. By A. Ghigi.— Contains much interesting information on the pedigree of these pheasants bred in captivity through several generations. The advisability of naming such forms as this is however decidedly open to question.

Ornithological Articles in Other Journals.¹

Kellogg, V. L. A Fourth Mallophagan Species from the Hoatzin. (Science, March 5, 1915.)— The nearest allies of three of these parasites of the Hoatzin are found on shore birds and storks, while species congeneric with the fourth occur on pheasants. The data do not throw much light upon the relationship of the Hoatzin but suggest an affinity with water birds rather than with the gallinaceous group.

Swarth, H. S. Albinism in the English Sparrow (Science April 16, 1915).— To the notes on albinism in the English Sparrow, a well known condition that seems to have been just discovered by certain contributors to 'Science,' Mr. Swarth adds some really valuable data. He calls attention to the adaptation of Brewer's Blackbird (*Euphagus cyanocephalus*) to altered conditions brought about by increased settlement in southern California, and to the prevalence of albinism in this species. The House Finch (*Carpodacus mexicanus frontalis*) however, which is still more "domesticated" does not exhibit such a tendency.

Chamberlain, B. R. Marsh Hawk Breeding in South Carolina. (Bull. Charleston Mus., February, 1915.)

Tyler, John G. Allies of the Farmer. (San Joaquin Light and Power Magazine, January, February and March, 1915.)— A series of popular articles on the familiar birds of the San Joaquin Valley, Cal.

Dale, Melville. August Bird Life at Pleasant Point, Ont. (Ottawa Naturalist, March, 1915.)

Clyne, Robt. Notes on Birds Observed at the Butt of Lewis (cont'd.). (Scottish Naturalist, April, 1915.)

Maxwell, Herbert. Waterfowl and the American Pond Weed (*Elodea canadensis*). (do.)— Proves an attractive food plant.

Dewar, J. M. The Sense of Direction. (Zoölogist, February 15, 1915.)— The two theories (1) knowledge of landmarks, (2) sensing position "in terms of bodily displacements in space experienced on the outward journey" are outlined. A number of observations are given which show that the latter is a more satisfactory hypothesis than the former.

Blake, J. Notes on the Birds around Cardiff. (do.)

Selous, E. Ornithological Observations in Iceland, June and July, 1912. (do.)

Patten, C. J. Aquatic Warbler on Migration Obtained on Tuskar

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.