

Snyder, L. L. and Shortt, T. M.—A Summary of Data Relative to a Recent Invasion of Willow Ptarmigan. (Occas. Papers of the Royal Ontario Museum of Zool., No. 3, July 20, 1936.)—An invasion extending from Alberta to Quebec is discussed with reference to periodic increases in the species.

Stresemann, E. and deSchauensee, R. M.—Notes on Some South Asiatic Species of the Genus *Cyornis*. (Proc. Acad. Nat. Sci., LXXXVIII, pp. 337–351, July 23, 1936.)—A welcome review of this very difficult group based on a large amount of additional material to that used in Dr. Stresemann's previous review. This previous arrangement was upheld except that the *tickelliae* group is found to be distinct from *rufigastra*. New keys and distributional maps add to the value of the paper.

Sutton, George M.—The Postjuvinal Molt of the Grasshopper Sparrow. (Occas. Papers of the Museum of Zool., Univ. of Michigan, No. 336, July 7, 1936.)

Toner, G. C.—Birds of Leeds County [Ontario]. (Bull. Eastern Ontario Fish and Game Protective Asso., July, 1936.)

van Rossem, A. J.—Notes on Birds in Relation to the Faunal Areas of South-Central Arizona. (Trans. San Diego Soc. Nat. Hist., VIII, No. 18, May 29, 1936.)—An investigation intended to attempt to reconcile the opinions of Mearns and Swarth on the faunal areas west of the Santa Rita Mountains and to obtain a better understanding of the areas of northern Sonora. Interesting results were obtained and are presented in a fully annotated list. The apparent differences of opinion in the case of the authors mentioned is largely due to the fact that each was unfamiliar with the areas covered by the other!

Van Tyne, Josselyn and Koelz, Walter.—Seven New Birds from the Punjab. (Occas. Papers of the Mus. of Zool., Univ. of Michigan, No. 334, May 27, 1936.)

Van Tyne, Josselyn.—The Discovery of the Nest of the Colima Warbler (*Vermivora crissalis*). (Misc. Publ. No. 33, Univ. Michigan, Mus. of Zool., August 7, 1936.)—A detailed account of the discovery made known in 1933, with a colored plate from a painting by Sutton.

Zimmer, John T.—Studies of Peruvian Birds. XIX, XX, XXI, June 19, 22 and 23, 1936. (Amer. Mus. Novitates, Nos. 860, 861, 862.)—These papers deal with the Dendrocolaptidae and Furnariidae and like their predecessors consist of very full and careful comments on the relations of various forms and descriptions of many that are new.

The Ornithological Journals.

Bird-Lore. XXXVIII, No. 4. July–August, 1936.

The Way of a Song Sparrow. By Margaret M. Nice.—A study in behavior and territory.

Feeding California Hummingbirds. By B. F. Tucker.—Sugar water supplied in glass containers which were bee proof.

The Composer. By Frank M. Chapman.—A study of the singing of the Black-billed Wren (*Pheugopedius fasciato-ventris abigularis*) at Barro Colorado.

Save the Bald Eagle. By Francis H. Herrick.

Water-Fowl Restoration Program of the Biological Survey. By Raymond Soderberg.—An excellent summary of the work of the Survey yet the widely sought closed season on Ducks was not granted. The attitude of the Survey seems to be that without license fees no protection can be provided, but is this proven?

There is an excellent editorial on the evils of present day "utilitarian conservation" whereby all forests are destined to be converted into picnic grounds and wild life areas devastated in the interests of alleged "mosquito control" and activities fostered by business and hotel interests!

The Condor. XXXVIII, No. 4. July-August, 1936.

Continuity of Behavior in the Nuttall White-crowned Sparrow. By Barbara D. Blanchard.

Steps in the Development of the Bird-Flower. By A. L. Pickens.—Further investigations on attractiveness of different colors to birds.

Harry Schelwald Swarth. By Jean M. Linsdale.—An appreciative biography with a bibliography.

The Wilson Bulletin. XLVIII, No. 2. June, 1936.

Trends in Modern Ornithology. By Joseph Grinnell.

Notes on the Winter Food of the Short-eared Owl. By Ivan R. Tomkins.

Notes on Nesting Ruby-throated Hummingbirds. By A. L. Pickens.—With numerous interesting sketches of the birds' activities.

Thure Ludwig Theodor Kumlien. By Mrs. H. J. Taylor.—A biography of this pioneer Wisconsin ornithologist.

Notes on the Field Sparrow in Michigan. By Lawrence H. Walkinshaw.—With data on seventy nests, weights of many young, etc.

Restoration of Roadside Cover by the C. C. C. By William J. Howard.—Illinois is to be congratulated upon this C. C. C. activity. In New Jersey the same organization seems bent only on the destruction of as much bird cover as possible, clearing away all shrubbery along woodland streams to make them more accessible for ditching and oiling of the water in the far-fetched "mosquito control."

Some Observations on the Ruffed Grouse in Wisconsin. By Wallace Grange.

Impressions of Grand Manan Bird Life. By Olin Sewall Pettingill, Jr.—With excellent photographs.

Notes on the Summer and Fall Birds of the White Mountains, Arizona. By Lawrence M. Huey.

Bird-Banding. VII, No. 3. July, 1936.

The White Stork as a Subject of Research. By Ernst Schuz.—A study of the bird in Germany.

Fertile Eggs from Pheasants in January by "Night-Lighting." By Thomas Hume Bissonnette and Albert G. Csech.

Parasitism of Birds' Nests by *Protocalliphora* at Groton, Mass. By Edwin A. Mason.

Returns of Banded Birds: Second Paper. By F. C. Lincoln.—A long list.

An excellent index to the six published volumes of 'Bird-Banding,' 1930-1935, has been issued, prepared by Maurice Broun.

The Oölogist. LIII. Nos. 4 to 8. April to August, 1936.

Birds Visiting a Florida Lawn. By Charles L. Phillips. [May.]

Nests Found on a Portion of the Nueces River Flats, Texas. By W. B. Savery. [June.]

The Cardinal. IV, No. 4. July, 1936.

Kirtland Marginalia. By Bayard H. Christy.—An interesting of J. P. Kirtland with extracts from letters and notes and a portrait.

Chickadees of Western Pennsylvania. By W. E. C. Todd.—While the Black-cap is the more northern species and the Carolina is restricted to the southwestern counties both occur as breeders along in Beaver County.

The Nebraska Bird Review. IV, No. 3. July, 1936.

The Bird Life of Lincoln County. By Wilson Tout.

Local Notes and Migration schedules.

Iowa Bird Life. VI, No. 2. June, 1936.

The Passenger Pigeon in Northwestern Iowa. By Ellison Orr.

Accounts of Club activities, etc.

The Migrant. VII, No. 2. June, 1936.

Nesting of the Cliff Swallow in Tennessee. By A. F. Ganier and S. A. Weakley.

Many notes on the birds of Tennessee.

The Oriole. I, No. 2. April, 1936.

A Natural Wild Life Refuge. The Okefenokee Swamp. By Earle R. Greene.

Many notes on the birds of Georgia.

The Oriole. I, No. 3. July, 1936.

The Distribution of the Limpkin and its Staple Food. By Francis Harper.

Bird Club Notes of Long Island. I, No. 1, August, 1936.

Under this title a new local journal has been started dealing with Long Island birds and published by the Bird Club of Long Island. The present issue is largely in the nature of an announcement and we infer that 'Long Island Bird Notes' conducted by the Woodmere Academy will be combined with the present publication. Dr. David Harrower of Woodmere is a member of the Board of Directors and we notice the names of many prominent Long Island ornithologists on the Advisory Board.

The following mimeographed journals deal with the ornithology of their respective areas.

The Raven. VII, Nos. 5-6 and 7-8. May to August, 1936.

Notes on Virginia birds. The editor, Dr. J. J. Murray contributes sketches of two Virginia ornithologists, Percy E. Freke and H. B. Bailey.

The Prothonotary. II, Nos. 6, 7 and 8. June, July and August, 1936.

Birds of Buffalo, New York and vicinity.

The Redstart. III, No. 9. June, 1936.

Some Birds of a West Virginia Mountain. By Charles Conrad.

Other notes on birds of the state.

The Flicker. VIII, No. 2. May, 1936.

Notes on Minnesota birds.

The Jack-Pine Warbler. XIV, No. 3. July, 1936.

Kirtlandiana. By Geneva Smithe.—Many letters, etc., of J. P. Kirtland with a sketch of his life.

Notes on Michigan birds.

Bird Calender of the Cleveland Bird Club. 32d Year, Bulletin I. July, 1936.

Migration records for Cleveland, Ohio.

Inland Bird Banding News. VIII, No. 2. June, 1936.

Bird Banding notes for the Mississippi Valley.

Long Island Bird Notes. III, Nos. 22-36. May 27-September 2, 1936.

Audubon Society of Missouri, News Letter. III, Nos. 6, 7 and 8. June to August, 1936.

The Ibis. (13th series). VI, No. 3. July, 1936.

On the Birds of East Finmark. Part II. By H. M. S. Blair.

Bird-Insect Nesting Associations. By R. E. Moreau.—The most interesting case is of birds that build close to nests of stinging hymenoptera and presumably derive protective benefit from the proximity. The possible benefit to the insects is discussed. In the case of birds nesting within the nests of insects the author might have quoted an instance of an American House Wren building in the paper nest of a

hornet (Auk, 1889, p. 339), but as he says of similar instances of use of "old" nests it is of little interest. The cases he discusses are nestings in "active" nests of termites.

Recent Progress in the Study of Bird Migration. By A. Landsborough Thomson.—This is a review of the literature of the subject for the years 1926–1935. The point of beginning was determined by the fact that the author's volume on the subject as well as those of Wetmore and Wachs appeared in 1926. He follows the order of his own work and comments on the papers dealing with each phase of the subject. As he says "The output is so great that even those who give special attention to this field can scarcely keep pace with it." Dr. Thomson's carefully prepared review is therefore all the more timely and important to anyone interested in migration. While he does not advance any original theories his comments and criticisms of the work of others is often enlightening, and his remarks on the work of Rowan and Bissonette are well worthy of careful consideration.

Birds of Jidda and Central Arabia. By George Latimer Bates.

Notes on the Birds of Lakes Ochrid, Malik, and Prespa and Adjacent Parts of Yugoslavia, Albania and Greece. By W. H. Thorpe, P. T. Cotton and P. F. Holmes.
Notes on Birds Observed in Greenland and Baffin Land. By C. T. Dalgety.

Further Notes on the Birds of the Balearic Isles. By P. W. Munn.

Bulletin of the British Ornithologists' Club. CCCXCVI. June 3, 1936.

J. Delacour discusses the size of the webs on the feet of Redshanks. C. H. B. Grant and C. W. Mackworth-Praed consider African species of Cuculus.

Bulletin of the British Ornithologists' Club. CCCXCVII. July 29, 1936.

G. L. Bates describes *Calandrella blanfordi philbyi* (p. 130), from Arabia.

Grant and Mackworth-Praed discuss migrations of the Lesser Cuckoo and type localities of some African birds.

British Birds. XXX, No. 1. June, 1936.

Roosting Habits of the Tree Creeper. By P. G. Kennedy.—Make small holes in *Sequoia* tree trunks in English parks. From four to fifteen roosting birds were found each night.

Behaviour of Starlings at Nesting Site. By George Marples.

Further Notes on the Sparrow Hawk. By J. H. Owen.

British Birds. XXX, No. 2. July, 1936.

On the Fighting of the Blackcock. By George K. Yeates.—With interesting photographs.

The Spring Habits of the Red-legged Partridge. By William E. Glegg.

British Birds. XXX, No. 3. August, 1936.

Further Notes on Territory in the Great Crested Grebe. By L. S. V. Venables and David Lack.

The Colouring of the Soft Parts of the Buff-backed Heron. By B. W. Tucker.

Recoveries of Banded birds.

British Birds. XXX, No. 4. September, 1936.

Report on the Swallow Enquiry. By A. W. Boyd.

Proportion of Sexes in Roosting Chaffinches. By Guy Charteris.—At four localities the males ranged from 58 to 63 percent in a total of some 1800 trapped birds but in another only 46 percent in 1000 birds

Winter Behaviour of Moor-Hens. By Averil Morley.

The Oologists' Record. XVI, No. 2, June, 1936.

The So-called "Injury-Feigning" in Birds. By F. C. R. Jourdain.—The discussion which has threatened to swamp the correspondence section of 'The Auk' has broken out in the British Journals and a number of cases are reported in 'British Birds'

while the above extended compilation and discussion adds much to the interest in the matter.

While Mr. Jourdain admits that the theory that the bird is the victim of contrary emotions explains most cases, he thinks that it does not account for all; yet he states that the action "is not the result of a thought out plan to make the looker-on believe that the bird has been injured."

Notes on the Egyptian Hoopoes and their Nests. By R. H. Greaves.

The Avicultural Magazine. (5th series) I, Nos. 6, 7 and 8. June-August, 1936.

Notes and papers on aviculture. There are colored plates respectively of the Glittering Copper Pheasant and Chestnut-breasted Finch.

Bird Notes and News. Summer number, 1936.

The National Park of Patagonia. By F. M. Viscount Allenby.

Notes on the Birds of Lord Howe Island. By W. H. Hamer.

Many notes and letters on bird conservation.

The Emu. XXXVI, Part 1. July, 1936.

Albatrosses and Petrels in the Southwest. By F. L. Whitlock.

The Food of Australian Birds with Reference to Protective Adaptations in Insects. By Keith C. McKeown.—This paper is a criticism of certain views brought forward by W. L. McAtee in his "Effectiveness in Nature of the So-called Protective Adaptations in the Animal Kingdom" and a presentation of lists of the Australian birds which feed on "protected insects." Some species, as the Robins, seem to have a marked preference for such insects.

Birds of the Pilliga Scrub. By E. C. Chisholm.

A Key to the Procelariiformes. By G. M. Mathews.

The South Australian Ornithologist. XIII, Part 7. July, 1936.

The Breeding of the Sooty Shearwater (*Puffinus griseus*) on Tasman Island. By F. W. Jones.

Several local lists.

L'Oiseau. VI, No. 3. 1936. [In French.]

The Flying of the Eagle in Turkestan. By G. Dementiev.—Interesting account of the use of the Golden Eagle in falconry, illustrated.

A Note on the Classification of the Anatidae. By J. Delacour.—Two new generic (or subgeneric) names are proposed; *Callonetta* (p. 369) for *Anas leucophrys* Vieillot and *Phaeonetta* (p. 377) for *Anas erythrophthama* Wied.

Ornithological Notes on a Second Expedition to Malaysia. By J. Berlioz—Lombok, Bali and Celebes.

A Contribution to the Anatomy and Biology of the Hummingbirds. By G. Steinbacher.—Based on observations on captive birds in the Berlin Zoological Garden. Food and tongue structure are considered.

Rare and Remarkable Birds from the Philippines. By Marquis Hachisuka.

The Rollers and Eurystomes. By H. von Boetticher.—Distribution and relationship of the forms with maps.

Revision of the Genus *Alcippe* Blyth. By K. Y. Yen.—*Alcippe Delacouri* (449) a new name for *Minla cierea* Blyth.

A Contribution to the Food of Some Birds of Vendee. By G. Guerin.

Ornithological Report for Tunis for 1935. By G. deGurtchitch.

Le Gerfaut. XXV, No. 4 and XXVI, No. 1. 1935 and 1936. [In French.]

Birds of the Basin of the Tas and Elogoui (Western Siberia). By W. N. Scanon and A. A. Sludsky.

Various articles and notes on Belgian birds.

- Journal für Ornithologie.** 84 Jahrgang, Heft 3. July, 1936. [In German.]
 Stork Migration and the Mediterranean. By H. Geyr von Schweppenburg.
 Anatomical Researches on *Phytotoma rara*. By Werner Kùchler.
 On the Migration and Ecology of *Calidris temminckii* in Saxony. By Heinrich Dathe.
 Observations on the Life History of *Phylloscopus collybita*. By Fritz Prenn.
 Ethological Observations on *Falco s. subbuteo*. By G. Schuyt, and L. and N. Tinbergen.
 Functional-Anatomica Investigations on the Skimmer (*Rynchops nigra intercedens*). By Heinrich Frieling.—Bill structure and head muscles.
 A Contribution to the Biology of two Shrikes; *Lanius collurio* and *L. senator*. By Theo. Schreurs.
 Illustrations showing mice, birds, frogs and insects impaled upon thorns and barbs on wire fences.
 On the Biology of Bird Lice. By Wolfdietrich Eichler.
 Obituary of Otmar Reiser. By Otto Kleinschmidt.
Ornithologische Monatsberichte. 44 Jahrgang. No. 3. May-June, 1936. [In German.]
 On the Molt of *Colymbus arcticus*. By E. Schüz.
 Several papers on birds of middle Europe.
Chaetura caudacuta formosana subsp. nov. (p. 90) Formosa, is described by Y. Yamashina.
Ornithologische Monatsberichte. 44 Jahrgang, No. 4. July-August, 1936. [In German.]
 The Winter Quarters of the Nightingales. By H. Grote.
Colymbus arcticus viridigularis a Transient on the Kurisch Peninsula. By E. Stresemann.
 The Geographic Forms of the Common Tern in the Palaearctic. By B. Stegmann.—Five subspecies recognized.
 The Distribution of the Feather-Fly *Carnus hemapterus*. By W. Eichler.
 Is Loss of Motor Function an Instinct in Birds? By J. Peitzmeier.
Larus canus stegmanni Brodkorb, a new name for *L. c. major* Midd. (p. 122.)
Der Vogelzug. VII, No. 3. July, 1936. [In German.]
 On the Yearly Rhythm of Various Warblers (*Sylvia*) in Mexico. By H. O. Wagner.—Studies of captive birds imported into Mexico.
 The Migration of the East Baltic Starlings. By H. Krätzig.
 Recoveries of German Shrikes (*Lanius c. collurio*). By H. Ecke.
 Seaweed Fly Larvae as food for transient Limicolae in Heligoland. By F. Goethe.
Beiträge zur Fortpflanzungsbiologie der Vögel. XII, No. 4. July, 1936. [In German.]
 A Contribution to the Biology of the Birds of the Southeastern Russian Steppe. By H. Grote.
 The Breeding Biology of *Charadrius dubius curonicus*. By O. Krösche.
 Observations on the Nest of *Circus c. cyaneus*. By H. Hennings.
Der Ornithologische Beobachter. 33 Jahrgang, Heft 7, 8 and 9-10. April, to June-July, 1936. [In German or French.]
 Eleventh and Twelfth Reports on Bird Watching at the Sempach Station. By A. Schifferli. [April.]
 Field Ornithology; observations on several species and a list of helpful books for the field student. [May.]

Banding of Gulls in Switzerland. By H. Noll and another article on the same subject by P. Geroudet. [In French.] [June-July.]

Ardea. XXV, Af. 1-2. July, 1936. [In Dutch unless otherwise stated.]

An Attempt at an Ethogram of the European Avocet (*Recurvirostra avosetta*) with Ethological and Psychological Remarks. By G. F. Makkink.—An important paper with much detail and excellent outline drawings showing activities of the birds. [In English.]

Report on migration of Breeding and Transient Birds during 1935. By G. A. Brlwer and W. H. vanDobben.

Have Birds a Sense of Earth Magnetism for Declination, Inclination or Intensity. By A. Dannje. [In German.]

Other reports on bird banding of Storks and other birds.

Organ of the Netherlands Ornithological Club. IX, No. 1. June, 1936. [In Dutch unless otherwise stated.]

On the Question of Species Formation in the Genus *Geospiza*. By E. Stresemann. [In German.]

Notes on the Life History of the Raven. By F. C. R. Jourdain. [In English.]

Some Examples of Anomalous Behaviour of Woodpeckers. By E. Lönnberg. [In English.]

Mutations in Ornithology. By J. Rapine. [In French.]

Oological and Biological Observations on Some Raptorial Birds of Borneo. By L. Coomans deRuiter.

Geographic Distribution of the Pycnonotidae of the Indian Archipelago IV. By Baron Snouckaert van Schauburg.

Other notes on birds of the Netherlands.

Danske-Fugle. XVII. Bind 4. 1936. [In Danish.]

Lists of banded birds.

Ceskoslovensky Ornitholog. 1936, No. 3. [In Hungarian.]

Notes and short articles on birds of Czechoslovakia.

Burt's 'The Resident Birds of Southern Michigan.'—The Cranbrook Institute of Science has published a beautifully gotten up brochure¹ on the resident birds of southern Michigan, presenting brief and well conceived accounts by William Henry Burt and reproductions of line drawings and pencil sketches by George Miksch Sutton, the latter representing the Owls and Quail and forming full page pictures are remarkable bird portraits. The publication will prove of great interest to all who concern themselves with wild life study, not only in Michigan but in other northern states, as well, and is a credit to author, artist and publisher.—W. S.

¹ The Resident Birds of Southern Michigan. By William Henry Burt, University of Michigan. Illustrations by George Miksch Sutton, Cornell University. Bulletin No. 7, June, 1936. Cranbrook Institute of Science, Bloomfield Hills, Michigan. Pp. 1-43, price 50 cents.