

He seems to have omitted one vital necessity which is too often impossible of attainment, i. e. the checking of political influence of powerful interests bent on their own immediate financial benefits—such as the lumber and cattle raising interests.

Zimmer, John T.—Studies of Peruvian Birds, II. (*Amer. Mus. Novitates*, No. 509, Dec. 9, 1931.)—Three new forms described with remarks on the systematic relationship of many others.

The Ornithological Journals.

Bird-Lore. XXXIV, No. 1. January–February, 1932.

Goshawk and Barn Owl Breeding in Massachusetts. By Samuel A. Eliot, Jr.

The Christmas Census, which makes up the bulk of this issue, continues to attract intense interest as shown by the 231 lists submitted this year. Cape May, N. J., where the Delaware Valley Ornithological Club had twenty-eight observers in the field, led the eastern states, north of Florida, with 88 species. When the number of persons in the field varies so greatly the results are hardly comparable but where a large number concentrate on a limited area the census has an added value by indicating pretty closely the actual bird population, which an individual census cannot do.

There is a colored plate of the Coot and an excellent photograph of the Horned Owl on its nest by B. C. Hiatt, while Dr. A. A. Allen's illustrated article deals with the Meadowlark.

The Condor. XXXIV, No. 1. January–February, 1932.

A Quest for a Condor. By Bayard H. Christy.—Flight in an aeroplane in southern California failed to detect the birds but they were found by a climb on foot!

David Starr Jordan and his Interest in Birds. By Barton W. Evermann.

Observations on Some Breeding Birds of El Salvador, Central America. By Alden H. Miller.—Notes on twenty-two species.

Observations on the Nesting of the Blue-gray Gnatcatcher. By Margaret M. Nice.—Based on observations at Norman, Oklahoma.

Notes on the Occurrence of Water and Shore Birds in the Lochsa Region of Idaho. By R. L. Hand.—An annotated list.

Preliminary Studies of Western Hermit Thrushes. By Thomas T. and Elinor B. McCabe.—This is a presentation of much detailed data based on a study of a series of breeding Hermit Thrushes from western North America. Variation and the unsatisfactory nature of the criteria used in the separation of geographic races are discussed, but in the absence of any summary of results it is difficult to understand just what the authors are attempting to show. Possibly this will be made clear in further studies that they hope to make at a later date. One statement we can heartily endorse that "in the United States, at least, a new race of bird should

now be named only from its metropolis or optimum region and only as seems advisable after the most exhaustive revision of the whole species and comprehension of the relationships of the proposed sub-division." Unfortunately institutions and individuals sponsoring faunal work desire collections to be worked up quickly and novelties described before some one else gets ahead of them! This spirit will, we fear, defer the somewhat Utopian practice above advocated, and it will continue to require twice as much time and energy to dispose of hastily proposed subspecies as it does to publish them.

Notes on a collection of Birds from Mansel Island, Hudson Bay. By George M. Sutton.

Those interested in the work of "controlling" birds by poison should read the detailed observations on the practical extermination of a large colony of nesting Redwings in a so called "experiment."

The Wilson Bulletin. XLIII, No. 4. December, 1931.

The Status, Breeding Range, and Habits of Marian's Marsh Wren. By H. E. Wheeler.—A study of the nesting habits on the Alabama coast with a long series of quotations from literature on the possible occurrence of this bird on the Atlantic coast, but all specimens from the latter region seem to be *griseus* and statements to the contrary are based upon misidentification.

The American Egret and the Little Blue Heron in Ohio During the Summer of 1930. By Lawrence E. Hicks.—A detailed account of the "unusual" northward migration which, however, seems to be becoming yearly less unusual in most parts of the country.

The Effect of Pole Traps on Harmless and Beneficial Species. By H. M. Wight.—A large number of beneficial birds including song birds are caught but few of the harmful hawks. The author urges limiting the use of the pole trap; but why not make it unlawful as in New Jersey and possibly some other states?

Winter Food of Oklahoma Quail. By Lois Gould Bird and R. D. Bird.

The Oölogist. XLVIII, No. 12. December, 1931.

Then and now. By W. E. Snyder.—This is a series of excerpts from Krider's 'Forty Years Notes of a Field Ornithologist.' It is a pity that the author of this paper did not read Mr. Brewster's review of the book wherein he explains that it is "the offspring of a fading memory" Mr. Krider the old gunsmith of Philadelphia had had ornithological experiences galore which would have been important if put promptly on record, but was quite unfitted for literary efforts and this little book published in his declining years was most unfortunate and had better have been forgotten.

Oyster-catcher and Piping Plover in New Jersey During August 1931. By L. S. Kohler.—Unfortunately the birds called "oyster-catcher" were in all probability Black Skimmers which are common at the locality

mentioned and are so called by the natives. The author's remarks fit these birds but do not tally with the habits of the Oyster-catcher.

Bird Banding. III, No. 1. January, 1932.

Studies of Swallows by the Banding Method. By Seinosuke Uchida.—In Japan.

Cobb Island. By O. L. Austin, Jr.—A most interesting account of this historic island with details of a bird banding trip during the past summer and summaries of the breeding colonies of gulls, terns, skimmers, etc.

Notes on Protocalliphora During the Summer of 1931. By Charles W. Johnson.—Further data on this blood-sucking fly and methods of protecting young birds from its attacks.

The Migrant. II, No. 4. December, 1931.

Interesting notes on Tennessee ornithology including the breeding of the Prairie Horned Lark in the state, a new southernmost record.

Iowa Bird-Life. I, No. 4. December, 1931.

Notes on Iowa birds with a "Call to Arms" in defense of hawks and owls, and to abolish shooting of snipe and woodcock.

The Cardinal. III, No. 3. January, 1931.

The Birds of Oglebay Park. By R. L. Fricke.—In West Virginia.

An Episode with Golden-wings. By E. W. Arthur.—In Allegheny Co., Pa.

The Classification of Birds. By Rudyerd Boulton.—An excellent account of the subject and an illustration of what may be done in the way of a museum exhibition illustrating classification.

An Expedition to Churchill, Hudson Bay. By George M. Sutton.

The Gull. XIII, No. 12. December, 1931.

Nesting Solitaires. By Emily Smith.—As observed in Yosemite National Park. Many other interesting notes on California birds in the November and January issues; with lists of species seen on Audubon Association trips.

The Flicker. III, Nos. 3 and 4. [Mimeographed journal.]

Devoted to Minnesota bird notes.

The Raven. II, No. 11-12. November and December, 1931, and III, No. 1. January, 1932. [Mimeographed journal.]

Notes on Virginia birds.

Aviculture. [Series II] III, No. 12. December, 1931.

An American Collector in the Far East. By C. B. Glick.—Collecting live birds in the Philippines and the Malay region.

Numerous notes on breeding and aviculture, and an account of the foreign bird show at Long Beach, Calif.

Aviculture. [Series II] IV, No. 1. January, 1932.

Some Notes on Color Breeding Budgerigars. By J. Webster Johnston.
The House Finch or California Linnet. By W. E. Hurlburt.

Birds of N'Gamiland. By Rodolphe M. de Schauensee.—Account of experiences on an expedition in the interests of the Academy of Natural Sciences of Philadelphia and the author's aviary.

The Ibis. [13th series] II, No. 1. January, 1932.

Birds Collected by Mr. G. L. Bates in Sierra Leone and French Guinea, etc. By D. A. Bannerman.—Systematic list continued.

Notes on the Birds of Snipe and the Woodcock Islands in Beagle Channel [southern Patagonia]. By P. W. Reynolds.

Ornithology of Albania. By C. B. Ticehurst and H. Whistler.

Report of the Committee on the B. O. U. List.—Two North American birds affected are the Redpoll which becomes *Acanthis flammea flammea* Linn. and the Snowy Owl which is changed to *Nyctea scandiaca* Linn.

Bird Notes on a Trip to Lapland. By Dr. Ivar Hortling and E. C. Stuart Baker.—An annotated list in which we note an apparently breeding specimen of *Gavia adamsi*.

Additions and Corrections to the 'Systema Avium Australasianarum' Part II. By G. M. Mathews.—Thirty pages of changes, etc.

British Birds. XXV, No. 7. December, 1931.

Movements of Ringed Birds (continued). By H. F. Witherby.—Cuckoos banded in England were recovered in Germany, Italy and Cameroon; many other interesting records.

British Birds. XXV, No. 8. January, 1932.

On the Breeding Habits of the Storm Petrel. By R. M. Lockley.—With photographs of old and young and of the burrow.

The Birds of Lundy Island from 1922 to 1931 with Special Reference to Numerical Fluctuation. By T. H. Harrison.

On the Normal Flight Speed of Birds. By B. B. Roberts.—A valuable paper as "accentuating or modifying" the results tabulated by T. H. Harrison in the same journal, XXV, p. 86.

The Oologists' Record. XI, No. 4. December 1, 1931.

Observations on the Peregrine Falcon and on the Hobby. By Desmond Nethersole-Thompson.

Field Work of British Ornithologists Abroad in 1931. By F. C. R. Jourdain.

Numerous notes on nests and eggs.

Avicultural Magazine. IX, No. 12. December, 1931.

Paradise Birds from North-east New Guinea. By D. Seth Smith.—An account of Shaw Mayer's collection from the Finisterre Mountains.

This and the January issue are full of interesting accounts of aviaries in England and France and of results of aviculture.

The Emu. XXXI, Part 3. January, 1932.

The Flock Pigeon. By W. D. K. MacGillivray.—With an excellent color plate of the bird (*Histriophaps histrionica*).

History and Early Records of Ornithology in Victoria. By D. J. Dickison.

Proceedings of the Thirtieth Annual Congress of the R. A. O. U., Melbourne, 1931.—By C. E. Bryant.

The Birds of the Camp-out, Wyperfeld, 1931.—The annual field trip following the meeting of the Australian Ornithologists' Union. Eighty-six species were seen including ten kinds of parrots.

There are numerous reports of officers and district societies and the address of the president, Dr. A. Chenery, on 'The Study of Birds by the Nature Lover Apart from the Scientist,' with a portrait of the author.

L'Oiseau. I, No. 10-11-12. October-December, 1931. [In French.]

Notes on the Birds of the Philippines (continued). By M. Hachisuka.

List of Birds Obtained in 1928 by G. L. Bates in Northern Nigeria and Senegal, etc. By D. A. Bannerman.

A Study of Aepyornis. By Henry Cauderay.—With a full bibliography.

A Contribution to Our Knowledge of the Birds of Indre-et-Loire and Indri. By J. Domaniewski.

Observations on the Birds of the Central Pyrenees. By G. Olivier.

Numerous notes on aviculture, bird cages, etc.

Journal für Ornithologie. LXXIX, Heft 4. October, 1931. [In German.]

A Contribution to the Morphology and Evolution of the Tongue in Trochilidae, Meliphagidae and Picidae. By Hans Scharnke.—A most important paper with numerous illustrations showing not only the structure of the tongue itself but the arrangement of the attached muscles in the woodpeckers. The papers of Pickens, Sherman and Lucas on humming-birds are quoted.

The Birds of the Kuriles. By Y. Yamashina.—An annotated list of 239 species with a table showing distribution of resident forms, and a bibliography.

On the Breeding Grounds of *Oidemia fusca* and *Arenaria interpres*. By F. E. Stoll.—With beautiful photographs of the birds on their nests, taken on the west coast of Oesel Island, Russia.

Descriptions of New Birds from Africa. By O. Neumann.—*Poicephalus guthriei permistus* (p. 547) Mau and Elgon; *Agapornis taranta nana* (p. 550) Targa, Gofa; *Caprimulgus koesteri* (p. 550) Benguella; *Cisticola emini bailunduensis* (p. 551) Benguella.

Bird life of the Obedska Bara. By H. Steinmetz, Jr.—In Jugoslavia.

Three letters from C. L. Brehm to H. Lichtenstein are published.

Journal für Ornithologie. LXXX, Heft 1. January, 1932. [In German.]

The Spotted Eagle (*Aquila pomarina*).—A Contribution to its Life History. By Horst Siewert.—An exhaustive paper illustrated by numerous excellent photographs and drawings. A worthy companion to Herrick's papers on the Bald Eagle.

Observations of the Hobby (*Falco s. subbuteo*).—By N. Tinbergen.

Reflections on the Recognition of specific Inherited Tendencies in Birds. By Konrad Lorenz.

An Examination of the Palaearctic Snow Finches. By B. Stegmann.—The genera *Montifringilla*, *Pyrgilauda* and *Leucisticte* are considered and the following new forms described: *M. adamsi xerophila* (p. 102) Humboldt Mountains; *P. ruficollis isabellina* (p. 103) North Tibet; *P. blanfordi ventorum* (p. 104) North Tibet; *L. brandti incerta* (p. 113) Humboldt Mountains; *L. b. intermedia* (p. 113) Burchan-Budda Mts.

On the Structure of the Tongue in the Nectariniidae, Promeropidae, and Drepanidae with Remarks on the Systematics of the Flower-seeking Passeres. By H. Scharnke.

H. Steinmetz has a paper on the hatching of the egg with comments on Kirkman's article in 'British Birds' for March; there are also accounts of the monthly and annual meetings of the German Ornithological Society.

Ornithologische Monatsberichte. XXXIX, No. 6. November, 1931. [In German.]

Preliminary Report on the Ornithological Results of the Heinrich Expedition of 1930-1931. By E. Stresemann (continued).—*Phylloscopus trivirgatus henrietta* (p. 168) *Cacomantis heinrichi* (p. 169), *Eudynamis scolopacea corvina* (p. 170) and *Caprimulgus macrurus schillmölleri* (p. 170) are described as new, all from Halmahera.

Three New Birds for Palestine and Syria. By J. Aharoni.—*Loxia c. curvirostra*, *Rhamphocorys clot-bey* and *Strix butleri*.

Further Histological and Experimental Investigations on the Color of Chicken Feathers. By G. Steinbacher.

Additional forms described in the short notes are *Certhia brachydactyla nigricans* (p. 181) from east Spain, by Jordans; *Rhamphozosterops sanfordi* (p. 182) gen. et sp. nov. Ponape, by E. Mayr; *Lorius amabilis* (p. 182) New Britain, by E. Stresemann; and *Cyanopica cyana pallescens* (p. 184) Ussuri-Land and *Erythrura thura deserticolor* (p. 184) South Kukumor Mt., by B. Stegmann.

Ornithologische Monatsberichte. XLV, No. 1. January, 1932. [In German.]

Studies of a Honey Buzzard Eyrie. By G. Thiede and A. Zänkert.

Observations on the Nest of Bonelli's Warbler. By F. Prenn.

Preliminary Report on the Ornithological Results of the Stein Expedition 1931-32. By E. Stresemann and K. Paludan.—Eight new forms are described from Waigeu the types of which go to the American Museum of Natural History the expedition having been made possible by Dr. L. C. Sanford of that institution.

Beiträge zur Fortpflanzungs-biologie der Vögel. VIII, No. 1. January, 1932. [In German.]

Life History of the Spotted Eagle. By V. Wendland.

The Copulation of the Ring Dove and Rock Dove. By F. Haverschmidt.

Food Habits of the Little Owl. By L. and N. Tinbergen.

On the Habits of *Glareola nordmanni*. By H. Grote.

Observations on the Breeding Stork. By E. and T. Schüz.

Many other notes on nesting and eggs.

Der Vogelzug. II, No. 4. October, 1931. [In German.]

The Migration of Siberian Ducks. By Werner Rüppell.—With map showing flight lines from banding stations in southern Asia.

On Bird Flight and Adverse Wind. By E. von Holst.

Further Observations on the Body Temperature of Migrating Birds at Lighthouses. By F. Groebbels.

Results of Bird Banding in Denmark. By O. Fabricius and A. Vedel Tåning.

Der Vogelzug. III, No. 1. January, 1932. [In German.]

Devoted mainly to consideration of the disastrous swallow flight of last autumn. viz: The Result of the Cold Wave of September 1931 on the Migration of Swallows. By observers in Hungary, Austria and Switzerland.

Observations on Swallows on the Occasion of the Migration Catastrophe of September, 1931. By Konrad Lorenz.

On the Migration of German Swallows in Europe. By R. Drost and W. Rüppell.

Observations of Banded Swallows in Dillich and Vicinity. By A. Boley.

Numerous other notes on banding and migration in Europe.

Der Ornithologische Beobachter. XXIX, Heft. 2. November, 1931. [In German or French.]

New Observations on the Nesting of the Grebe (*Podiceps n. nigricollis*). By H. Noll.—With several excellent photographs.

Der Ornithologische Beobachter. XXIX, Heft. 4. January, 1932.

Contribution to a Study of the Avifauna of the Alps. By O. Meylan. These as well as the December issue contain much information of the birds of Switzerland.

Ardea.¹ XX, Af. 3. November, 1931. [In Dutch.]

On the Birds of the Dutch West Indies. By M. G. Rutten.—A fully annotated list of 84 species with numerous drawings many of them copied

¹ G. A. Brouwer, Petrus Campersingel 239. Groningen, Netherlands. Subscription f 2.50 per year. For editors and subscriptions of other journals see January 'Auk.'

from other works and an outline map of the three islands, Curaçao, Aruba and Bonaire.

W. H. Van Dobben discusses hybrid gulls (*Larus argentatus* × *L. fuscus*) and F. Haverschmidt the breeding of immature plumaged *Larus ridibundus*.

There are additional articles and notes on the birds of Holland.

Orgaan der Club van Nederlandsche Vogelkundigen. IV, No. 2 and No. 3. October, 1931 and January, 1932. [In Dutch.]

Devoted mainly to the ornithology of Holland.

In No. 3 is an article on the African Parrot (*Psittacus erithacus*). By Snouckaert van Schauburg.

Ornis Fennica.¹ VIII, No. 2 and 3-4. [In Swedish.]

Consists wholly of papers and notes on the birds of Finland.

Revista Italiana di Ornitologia.² I, No. 3. July, 1931. [In Italian.]

Ornithological Observations on an Excursion to Morocco in April, 1930. By Alexander Ghigi.

On a Hybrid Green Finch and Serin. By E. Arrigoni degli Oddi.—With color plate.

On the Nesting of the Kite (*Milvus migrans*). By E. Arrigoni degli Oddi.—With many illustrations.

Birds Collected on the Desio Expedition to Cirenaica in 1930. By E. Moltoni.

Kócsag.³ IV, No. 4. 1931. [In Hungarian and German.]

My Ornithological Trip in Roumanian Dobrudscha. By Graf Karl Kornis.

Sea Life in Mid September. By H. W. Madoc.—England to Gibraltar. [In English.] Also many notes on Hungarian Ornithology.

Tori.⁴ VII, No. 32. December, 1931. [In Japanese and English.]

On Two New Forms of Micronesian Birds. By N. Taka-Tsukasa and Y. Yamashina.—*Aplonis opaca ponapensis* (p. 109) Ponape, Caroline Islands; *Erythrura trichroa clara* (p. 110) Ruk Island.

A New Form of Jay from Sado Island. By N. Taka-Tsukasa.—*Garulus glandarius tokugawae* (p. 110).

A New Form of *Dryobates kizuki* from Korea. By Y. Yamashina.—*D. k. acutirostris* (p. 111).

On the Migration of Certain Birds in Tokyo and Vicinity. By N. Kuroda.

¹ Dr. Pontius Palmgren, Helsingfors, Bulevarden 17. Subscription Fmk. 50

² E. Arrigoni degli Oddi, Via Umberto N. 10, Padua, Italy. Subscription Lire 50.

³ Dr. Desiderius Navrátil de Szalók, Budapest I, Budakeszi-ut 63. Subscription 10P.

⁴ Ornithological Society of Japan, Science College, Tokyo Imperial University.