

Speris, J. Murray. Some Notes on the Henslow Sparrow. (*Canadian Field Nat.*, Feb., 1933.)—At Lowbanks, Ontario.

Taverner, P. A. A Partial Study of the Canadian Savanna Sparrows. (*Proc. Biol. Soc. Washington*, Vol. 45, pp. 201–206, Nov. 10, 1932.)—The form from middle western Canada, is described as *Passerculus sandwichensis campestris* (p. 204) Red Deer, Alta. the name *alaudinus* being restricted to the bird of interior British Columbia.

Todd, W. E. Clyde. A New Name for *Odontophorus capistratus* Todd. (*Proc. Biol. Soc. Washington*, Vol. 45, pp. 237, Dec. 23, 1932.)—*O. lorricatus*.

Van Oort, E. D. Results of Bird Banding at the Museum of Natural History at Leiden. (*Zool. Mededeel Rijks Mus. Nat. Hist.*, Leiden, Deel. XV, Af. 1–2, 1932.) [In Dutch.]

Van Tyne, Josselyn. Some Birds of the Rio Grande Delta of Texas. (*Occas. Papers Mus. Zool. Univ. Mich.*, No. 255, Feb. 10, 1933.)—*Geothlypis trichas insperata* (p. 3) is described as new from the Rio Grande delta, below Brownsville.

Van Tyne, Josselyn. A New Solitary Vireo from British Honduras. (*Occas. Papers Mus. Zool. Univ. Mich.*, No. 256, Feb. 10, 1933.)—*V. solitarius notius* (p. 2).

Zimmer, John T. Studies of Peruvian Birds. VII. (*Amer. Mus. Novitates*, No. 558, Sept. 14, 1932.)—New forms in the genera *Pygiptila*, *Megastictus*, *Dysithamnus*, *Thamnomanes*, *Cercomacra*, and *Phlegopsis* are described.

Zimmer, John T. Studies of Peruvian Birds. VIII. (*Amer. Mus. Novitates*, No. 584, Nov. 15, 1932.)—Describes new forms of *Cymbilaimus*, *Thamnistes*, *Terenura*, *Percnostola*, *Formicarius*, *Chamaeza* and *Rhegmatrhina*.

Zimmer, John T. The Central American Forms of the Musician Wren *Cyphorhinus laurencii* Lawrence. (*Amer. Mus. Novitates*, No. 573, 1932.)—*C. l. infuscatus* (p. 3) described as new from Carrillo, Costa Rica.

Dery, D. A. Preliminary Report on the Migration of the Northern Sharp-tailed Grouse in Quebec. (*Bull. I, Quebec Zoological Society*, March, 1933.)—An account of the reappearance of *Pedioecetes p. phasianellus*, in certain districts of Quebec after an absence of 38 years and a discussion of its food etc., as having a bearing on its migration.

Richardson, Hubert. Further Notes on the Henslow's Sparrow at Toronto. (*Canadian Field Nat.*, March, 1933.)—Canadian Christmas Bird Censuses. (*Canadian Field Nat.*, March, 1933.)

The Ornithological Journals.

Bird-Lore. XXXV, No. 1. January–February, 1933.

The Bohemian Waxwing. By W. H. Bergtold.—An account of its irregular winter appearances in Colorado.

Bird Tradegies. By Paul G. Howes.

The Christmas Census occupies a large part of the issue and Cape May, N. J., reported on by the Delaware Valley Ornithological Club leads the

eastern states with 94 species exceeded however, by the Santa Barbara, Calif., list of 129. Dr. A. A. Allen contributes a well illustrated biography—this time on the Peregrine or Duck Hawk. Some have complained that he seems to unduly stress its ferocity but he does not lack the appreciation of its beauty as voiced by such writers as G. M. Sutton (*Auk*, 1929, pp. 192-193) and makes a strong plea for its preservation. Would that our human Peregrines would heed it!

The Condor. XXXV, No. 1. January-February, 1933.

Range Restriction of the Long-billed Curlew. By John W. Sugden.—Excellent illustrations and accounts of the breeding habits of the bird near Salt Lake City.

Closing History of the Guadelupe Caracara. By Clinton G. Abbott.—Thirty-four extant specimens are listed with extracts from letters from the few men who have seen this apparently extinct bird in life.

Bird Remains from Cave Deposits in New Mexico. By Hildegarde Howard and Alden H. Miller.—Fifty-eight species listed from two caves at Pyramid Peak.

Food Habits of Southern Wisconsin Raptors. By Paul L. Errington.—In this excellent paper the author discusses not only what the birds actually eat but the food that was available in their range. The value of the Buteos is confirmed and the damage to game by other species shown to be less than usually supposed by prejudiced game breeders.

The Wilson Bulletin. XLIV, No. 4. December, 1932.

The Physiology of Feather Pattern. By Frank R. Lillie.—Experiments on the effect of injection of thyroxine and of female hormone on feather pattern in brown Leghorn fowls. The editor comments on Dr. Lillie's paper: "Our field students will be interested in this glimpse at the experimental aspect of the biology of birds. Anatomy and classification have had their day; most systematists of today are driven to the work of making subspecies—the biological significance of which is doubtful." But we are inclined to think that ornithologists at large will not agree with the statement that "anatomy and classification have had their day," let the editor refer to Dr. Lowe's various articles in 'The Ibis' on the classification and structure of the Charadriiformes!

Studies of the Behaviour of the Great Horned Owl. By Paul L. Errington.—So many papers have dealt with this subject that a bibliography of the more important ones would have been desirable as well as a comparison of experiences.

The Snowy Owl Invasion of Ohio in 1930-31. By Lawrence E. Hicks.—With an excellent bibliography.

The Cormorants of South Dakota. By Arthur Lundquist.—Well illustrated.

The Oölogist. XLIX, No. 12. December, 1932.

Birds of South Africa—Three Fruit Thieves. By A. Trevenning Harris.—Popular account of the Speckled Coly, Red-winged Starling, Pied and Cape Starlings and the Black-capped Bulbul.

The Dovekie in Florida. H. H. Bailey.—Many specimens, November 19, 1932.

The Oölogist. XLX, No. 1. January, 1933.

In Memoriam, The Pileated Woodpecker. By J. Warren Jacobs.—In southwestern Pennsylvania.

The Oölogist. XLX, No. 2. February, 1933.

Sandhill Cranes Nesting in the Muskegs. By A. D. Henderson.—At Fort Assinoboine.

The Foster Tern. By A. Trevenning Harris.—In western Nebraska.

Bird-Banding. IV, No. 1. January, 1933.

Mobility of the Northern Bob-white as Indicated by Banding Returns. By Paul L. Errington.—Coveys reasonably stationary during a winter but individuals may be two miles away the next season.

Testis Activity in *Sturnus vulgaris* in Relation to Artificial Sunlight and Electric Lights. By T. H. Bissonnette and A. P. R. Wadlund.—An incandescent lamp with luminous intensity equal to a "sun-lamp" was more effective than the latter. The possibility of the specificity of a very restricted region of the visible spectrum, somewhere in the red, for sexual activating powers, and the ineffectiveness of wave-lengths from other regions are discussed.

Distribution of Returns from Banded Ducks. By F. C. Lincoln.—With many maps and detailed discussion.

Experiments with the Terragraph on the Activities of Nesting Birds. By Josef Bussmann.—An electro-magnetic instrument by which the activities are recorded.

Size and Measurement of Territory in Birds. By Herbert Friedmann.—A most suggestive article in which are considered the "various combinations of factors, other than food (which is obvious) that have a resulting influence on the size of the territory, and how to distinguish between them.

Banding Wilson's Petrels. By Samuel A. Elliot, Jr.—A simultaneous publication at greater length, of a note in the January 'Auk'!

The Cardinal. III, No. 5. January, 1933.

Birds of the West Virginia Panhandle. By George M. Sutton.—An annotated list of some 187 species. It is interesting to learn that the Black-capped and Carolina Chickadees breed in the same area. We have always looked for this in eastern Pennsylvania and northern New Jersey but apparently the ranges there, while approaching closely, do not overlap.

The Migrant. III, No. 4. December, 1932.

Notes on a Captive Golden Eagle. By H. C. Sanborn.—Caught near Chattanooga, Tenn.

The Pileated Woodpecker. By Vernon Sharpe, Jr.

There is a Nashville Christmas Census for the years 1914 to 1931 (except 1920); the total number of species for all combined being 88.

Also various Tennessee Notes.

The Gull. XIV, No. 12, and XV, Nos. 1 and 3. December, 1932, and January and March, 1933.

A sketch of the late Dr. B. W. Evermann is presented in No. 12 and Christmas lists for the vicinity of San Francisco in No. 1-58 and 47 species.

Aviculture. (series II) IV, No. 9. November, 1932.

The Thick-billed Parrot. (*Rhynchopsitta pachyrhyncha*). By Karl Plath.—With a photograph from life.

There is an account of a visit to Tahiti by Henry Silverthorne and much important matter on aviculture.

Aviculture. (series II) IV, No. 12. December, 1932.

The Venezuelan Cardinal. By Karl Plath.—With a color plate from a painting by the author.

Breeding of hybrid macaws (*Ara macao* × *ararauna*) in captivity. By E. H. Lewis.—This cross is called "*A. catalinisis*."

Iowa Bird Life. II, No. 4. December, 1932.

Nesting Studies of Iowa Game Birds. By Paul L. Errington.

The American Egret in Iowa in 1932. By Philip A. DuMont.

Many notes etc., on Iowa birds.

The Nebraska Bird Review. I, No. 1, January, 1933.

Observations on the Number of Birds to the Square Mile in Custer Co. By J. M. Bates.—An interesting count and estimate.

Many important Nebraska notes and records.

With this issue the Nebraska Ornithologists' Union, which for the years 1916-1924 published its notes in the 'Wilson Bulletin,' resumes an independent publication such as it carried on from 1900 to 1915. The new journal is a creditable publication and will appear quarterly.

The Raven. III, No. 12, and IV, Nos. 1 and 2. December, 1932-February, 1933.

This mimeographed journal presents many notes on the birds of Virginia and the activities of the Virginia Society of Ornithology, with which all Virginia birds students should be identified.

The Flicker. IV, No. 4, 1932, and V, No. 1. February, 1933. (Mimeographed Journal).

Presents local notes on Minnesota birds.

Saint Louis Bird Club Bulletin. I, No. 4. December 14, 1932. (Mimeographed Journal.)

Reports bird notes from St. Louis, Mo., and the activities of the club.

Some interesting data on bird weights are presented.

Notes from the Bird Banders. VIII, No. 1. January, 1933. (Mimeographed Journal.)

A well prepared review of Schuz and Weigold's 'Atlas of Migration of Palaearctic Birds.' Also articles on banding gulls, murre, etc., in Oregon and on various phases of bird banding.

The Ibis. (13 series) III, No. 1. January, 1933.

Taxonomic and Field Notes on some Birds of Northeastern Tanganyika Territory. By W. L. Sclater and R. E. Moreau. Part III.—Muscicapidae, Turdidae and Sylviidae.

Notes on Some Birds of Egypt. By S. S. Flower.

Some Remarks on the Systematic Status of the Yellow-legged Herring Gulls. By Einar Lönnberg.—Finds some Herring Gulls on the Baltic coast of Sweden with yellow or yellowish feet. Also shows that the bill and feet of the normal Herring Gull contains at least some carotin (xanthophyll) and concludes that the birds may show more or less yellow in the feet at the approach of the nesting season, and that the Baltic individuals were of this nature and not a different race.

Notes on some Birds of the Bauchi Plateau. Part II. By J. Dent Young.

Eastern Forms of *Sturnus vulgaris*. By the late P. P. Sushkin.

The birds of South-west Transbaikalia, northern Mongolia and central Gobi. Pt. IV. By E. V. Kozlova.—An important paper on a little known region; with excellent photographs of the country.

Additions and Corrections to the 'Systema Avium Australasianarum.' Part III, By G. M. Mathews.

Some Notes on the Birds of Portugal. By C. B. Ticehurst.

Structural Diversity in Charadriine Genera correlated with Differences in Colour-pattern. By P. R. Lowe.—Shows that the Black-bellied and Golden Plovers with very similar coloration have strikingly different structural characters and that the smaller plovers may be separated into two series one of paler coloration and the other darker, the skulls in the two groups differing markedly. He regards the former as more primitive. We note that our Piping Plover is placed in the latter group although from its plumage it would seem to belong to the first! Curiously enough our Semipalmated Plover is not mentioned, being apparently one of those of which material was lacking.

Bulletin of the British Ornithologists' Club. No. CCCLXIV. December 31, 1932.

Contains the annual address of the Chairman, Mr. D. A. Bannerman, reviewing the ornithological work of the year 1932.

Mr. Bannerman proposes *Tetragonopyga* (p. 72) as a new genus for *Cypselus affinis* Gray; G. L. Bates describes *Auripasser luteus tilemsiensis* (p. 720) French Sudan; *Tchagra senegala timbuktana* (p. 74) Timbuktu and *Mesopicus goertae agmen* (p. 74) Upper Volta, and *Charadrius marginatus nigirius* (p. 76) for *C. m. russatus*; Mr. N. B. Kinnear proposes: *Actinodura nipalensis wardi* (p. 79) and *Grammatoptila striata cranbrookii* (p. 79) from N. E. Burma.

Bulletin of the British Ornithologists' Club. No. CCCLXV, January 31, 1933.

Mr. J. Delacour discusses the genus *Liocichla* to which he refers the bird known as *Trochalopteron phoeniceum*.

A Cuckoo picked up dead on the island of Scilly and identified as the American Yellow-billed Cuckoo proves to be the Black-billed.

Three new races of *Penelope superciliiaris* are described by Oscar Neumann.

Bulletin of the British Ornithologists' Club. CCCLXVI. February 22, 1933.

B. G. Harrison presents a paper on 'Factors governing the Development of Parasitic Habits in Passerine Birds' and deals especially with the American Cowbirds.

T. H. Harrison gives an account of his work in central Borneo.

The Red-footed Booby breeding on Little Cayman and Western Samoa and occurring on Madagascar, etc., is named *Sula nicolli* by Grant and Mackworth-Praed, the type from Gloriosa Island, Indian Ocean.

Dr. Finn Solomonsen discusses the Madagascar Paradise Flycatchers, and proposes for the western Madagascar race *Tchitrea mutata singetra* (p. 124). In the rather involved discussion of mutants, etc., however, we fail to find any description of this race and as the mention of a type locality and a type specimen hardly constitutes a diagnosis, it appears that the name is a nomen nudum.

D. A. Bannerman proposes *Pogonornis bidentatus friedmanni* (p. 124) for a barbet from north Angola.

British Birds. XXVI, No. 7. December, 1932.

Contains an extended report on recovery of banded birds and many local notes.

British Birds. XXVI, No. 8. January, 1933.

Experiments in Color Sense in Birds. By George Marples.

British Birds. XXVI, No. 9. February, 1933.

Some Nesting-Habits of the Kingfisher. By B. B. Riviere.

Notes on North Atlantic Birds. By Cynthia Longfield and Ruth Blezard.—On crossing from Liverpool to Quebec.

British Birds. XXVI, No. 10. March, 1933.

The Great Crested Grebe Enquiry (1931): Scotland. By T. H. Harrison and P. A. D. Hollom.

Birds of Inner London. By A. H. MacPherson.

List of banded birds and obituary of Thomas A. Coward.

The Avicultural Magazine. (Fourth series) X, No. 12; XI, Nos. 1 and 2. December, 1932; January and February, 1933.

Colored plates of Banded Finches (*Stizoptera*) (Dec.) and *Pitta maxima* (Jan.) and photograph of the Flightless Cormorant (*Nannopterum*) (Feb.)

Early Days of the Avicultural Society (Jan.).

All numbers are replete with breeding records in captivity and other matter of importance to the aviculturist.

The Oologists' Record. XII, No. 4. December, 1932.

An interesting résumé of bird and game protection in the United States and England and the status and attitude of "protective" organizations.

Field Habits, Haunts and Nesting of the Raven. By D. Nethersole-Thompson.—In Great Britain.

The Mathematical Side of Oölogy, as Applied to the Study of Cuckoos' Eggs. By M. Schönwetter.

Many notes on breeding habits, etc.

The Emu. XXXII, Part 3. January, 1933.

On the Occurrence of *Psophodes nigrogularis* in Victoria. By F. E. Howe and J. A. Ross.—With a description of a new race *P. n. leucogaster* (p. 147). There is a full history of the bird and its rediscovery after being thought extinct; also a colored plate of the new race by Cayley.

Proceedings of the Thirty-first Congress of the R. A. O. U. By C. E. Bryant.

Tasmania—A Faunal Region. By A. G. Campbell.

The Camp-Out at Coles Bay and the Birds Observed. By C. E. Bryant.—This field trip is an important part of the annual meeting; about seventy species of birds were observed.

A Review of Tasmanian Ornithology. By Clive E. Lord, President of the R. A. O. U.

An Early Natural History Magazine. By K. A. Hindwood.—The 'Naturalist's Pocket Magazine,' 1799, containing a picture of the Emu and the Black Swan.

Many notes on Australian birds.

The South Australian Ornithologist. XII, Part 1. January, 1933.

Birds of Salt Creek District and Some Island Sanctuaries in the Coorong, both by J. Sutton, illustrated with photographs.

Nesting of the Gull-billed Tern. By W. Cain.—Near Port Augusta.

Alauda. (series II) IV, No. 4. October–December, 1932. [In French.] The ends and object of Quadrinomial Nomenclature. By A. Laubmann.—Proposes a binomial "Formenkreis" under which are trinomial "Formengruppen" and under these, again, are the quadrinomial "subspecies." This simply amounts to the division of subspecies into groups and burdening our nomenclature with an additional name to indicate this, just as some have introduced a subgeneric name, in brackets, but without any intention of making it an actual part of the name. Our nomenclature seems complicated enough as it is without adding to its burdens.

A Supplement to my Study of Geographic Variation in *Bubo bubo*. By G. Dementieff.—*B. b. omissus* (p. 392) Askhabad, and *B. b. baschkirikus* (p. 395) "Suschkin mss," environs d'Ufa, are described as new.

Nidification of *Corvus corone* at the Port of Geneva. By R. Poncy.

The Voice of the Owls of Middle Europe. By H. Stadler.—Musical and syllabic notation used.

Birds of the Azores (completed). By J. deChavigny and N. Mayaud.

Many notes on various species and an examination of fluorescence of egg shells.

L'Oiseau. (nouv. ser.) III, No. 1. 1933. [In French.]

A Pheasant Mutation—*Phasianus mut. tenebrosus*. By Marquis Hachisuka.—With colored plate.

The Grebes of Madagascar. By J. Delacour.—With a colored plate.

Contribution to a Study of the Birds of Oubangui-Chari (French Equatorial Africa.) By L. Blancou.—A detailed account of the various species; another list by F. Edmond-Blanc, pp. 87–89.

Notes from Spitzbergen. By G. Olivier.—An annotated list with several photographic illustrations.

Notes on the Birds of the Philippines. By Marquis Hachisuka (continued).—With a colored plate of Kingfishers.

Many notes and articles on aviculture including one on the American Bluebird in captivity, called "LeRosignol Bleu d'Amerique!"

Journal für Ornithologie. LXXXI, Heft 1. January, 1933. [In German.]

The Goldfinch as a Drinker. By J. A. Bierens de Haan.

Psittacosis. By B. Grzimek.

The Breeding of the Golden-eye in Mecklenberg and Holstein. By R. Kuhk.

The Nesting Habits of the Goshawk. By H. Siewert.—With twelve remarkably fine plates.

The White Stork in the Lubeck District. By W. Hagen.

Troglodytes Studies. By F. Solomonsen.—Recognizes seven subspecies of *T. troglodytes* in northern Europe.

Observations on the Flight of Birds and the Relation of Wing and Tail Form to the Art of Flying. By K. Lorenz.—A lengthy discussion of the subject with many photographs and sketches of flying birds.

The Stomach and Intestines of the Fruit Pigeons. By G. Cadow.

Ornithologische Monatsberichte. XLI, No. 1. January–February, 1933. [In German.]

A Bird's Nest with a Closing Entrance; the Nest of *Anthoscopus caroli*. By Walter Hoesch.

The Influence of a Fish Diet on the Life History of the Terns. By Nicolaus Peters.

A List of the Intestinal Parasites of Some Birds of the Elbe at Hamburg. By Nicolaus Peters.

Some New Birds from China. By K. Y. Yen.—*Cinclus pallasi sini* (p. 15) Kweichow; *Tribura tacsanowskia chui* (p. 15) and *T. t. thoracica saturata* (p. 16) Kwangsi and *Picus canus stresemanni* (p. 17) Kansu.

The Bill-knob of the Oidemiae. By George Steinbacher.—Cross section diagrams for the several species of Scoter.

Der Vogelzug. IV, No. 1. January, 1933. [In German.]

The Mass-Migration of the Bohemian Waxwing (*Bombycilla garrula*) in Middle Europe in 1931–32. By Ernst Schüz.

The Physiology of the Migratory Impulse. By H. Schildmacher.—Experiments with female sex-hormones.

Locality Influence in *Larus ridibundus* as shown by Bird-banding. By G. Technau.

Beiträge zur Fortpflanzungsbiologie der Vögel. IX, No. 1. January, 1933. [In German.]

Observations on the Cormorant Colony at Lekkerkerk. By Fr. Haverschmidt.—An extended study with five excellent plates from photographs of the nesting colony from life.

On the Extension of the Breeding Range of *Passer domesticus* to the North. By Hermann Grote.

A Summary of Stork Statistics in Schleswig-Holstein in the Years 1930-1932. By Walther Emeis.

The Young of *Dupetor flavicollis*. By P. O. Meyer.

Vögel Ferner Länder. VI, Heft 4. 1932. [In German.]

Birds of Distant Seas. The Albatrosses. By H. von Boetticher.

Hawaiian Birds and the Use of their Feathers in Earlier Times. By A. Weber.—With illustrations.

Also some articles on African birds and on birds in the Berlin Zoo, as well as notes on aviculture.

Archives Suisses d'Ornithologie. I, Fasc. 2. January, 1933. [In German or French.]

Some Observations on the Summer Avifauna of Mayens de Mondzeur (Valais). By R. Poncy.—With several beautiful halftones of the region.

The Storks of the Canton of Zurich. Statistics for 1932. By M. Bloesch.

A Contribution to a Study of Bird Migration over the Alps. By O. Meylan.

Der Ornithologische Beobachter. XXX, Hefts 2, 3 and 4. November, December, 1932, and February, 1933. [In German or French.]

The Food of the Bohemian Waxwing in the Province of Leningrad. By J. J. Ssokolow (Nov.).

A Review of the work of the Swiss Society for Bird Study and Protection, for the year 1931-32 (Dec.).

Old and New Information on the Rough-legged Hawk (*Buteo lagopus*). By E. Schüz and G. Technau.—Distribution, molt, migration, etc. (Feb.).

On the Mathematical Treatment of Biological Problems in Ornithology. By H. Noll and U. A. Corti (Feb.).

Le Gerfaut. XXII, Fasc. 3. 1932. [In French.]

Mainly devoted to a summary of observations in Belgium for the year, May 1931-May 1932, with an annotated list of species.

On *Pernis apivorus orientalis* of Southern Siberia. By W. N. Scalon.

Also notes on Bird-banding.

Kocsag. V, No. 1-2, 1932. [Mainly in Hungarian with brief résumé in German.]

Some Notes on Breeding Greenshanks (*Tringa nebularia*) in Scotland. By W. M. Congreve. [In English.]

On the Avifauna of the County of Bars, Hungary. By E. Dudich.—With an annotated list.

The Government Nature Reservation at Astrachan on the Volga Delta.

The Bohemian Waxwing, Wild and in Captivity. By L. v. Dobay.

Cractes infaustus buturlini is proposed by W. S. Stachanow for *Perisoreus infaustus sibericus* (Boddaert); there is also an obituary of Dr. Julius v. Madarasz, and many local notes.

Kocsag. V, Nos. 3-4. 1932. [Mainly in Hungarian with brief résumé in German.]

Diurnal Birds of Prey of the "Siebenburges." By L. v. Dobay.—Short Life histories.

Observations on the Hoopoe in 1931–1932. By H. Dorning.

Many local notes.

Danske-Fugle. XIII, No. 25–26. 1932.

Some pages of the Black Stork's History in Denmark. By P. Skovgaard.

—Notes on single nests with excellent photographic plates.

Birds Banded at Foreign Stations captured in Denmark.

Ornis Fennica. IX, Nos. 1, 2, 3, 4. 1932. [In Finnish or German.]

Pontus Palmgren, leading contributor, discusses in No. 1: Ornithological Fields of Research; Birds and their Breeding Territory; On the Biology of Species of *Fringilla*; in No. 2, An Ecological Analysis of the Nesting of *Fringilla coelebs*, *Regulus regulus* and *Carduelis spinus*; On Food of Birds and Methods of investigating Stomach Contents; in No. 3, Variation in Intensity of Bird Song.

Other articles are: On the Movements of the Rough-legged Hawk. By J. Snellman (No. 1), Bird Names from Lapland. By E. Marikallio (No. 3), and an extensive study of the sea birds of the bird refuge of Aland. By Sven Nordberg (No. 4).

Ardea. XXI, No. 1–2. 1932. [In Dutch.]

A Comparative Study of Gulls and Terns. By N. Tinbergen.—With an excellent photograph of gulls on the wing.

Birds and Flowers. By A. Spennemann.—A diary of observations in Java.

Some Observations on the Mating Biology of the Avocet. By G. F. Makkink.

The 1931 Invasion of Bohemian Waxwings. By F. Haverschmidt.

Migration Notes in Holland.

Ardea. XXI, No. 3–4. 1932. [In Dutch.]

On the Food of *Accipiter nisus*. By L. and N. Tinbergen.

The Spotted Oriole (*Oriolus chinensis maculatus*) of Java. By A. Spennemann.

Organ of the Netherlands Ornithological Club. V, Nos. 2 and 4. October, 1932, and January, 1933. [In Dutch.]

The Breeding Birds of Wieringen. By P. G. Op de Coul. (No. 2.)

Some Notes on Stork (*Ciconia ciconia*) Nests in the vicinity of Kampen. By C. G. B. TenKate. (No. 2.)

Some Remarks on the Javan Peafowl. By A. Hivernon. [With summary in English]. (No. 2.)

Summer Observations on *Regulus Brehmicus* at Zut fen. By G. van der Meer. (No. 3.)

Tringa Migration. By P. Bouwe Jansen. (No. 3.)

On the Breeding of *Pernis apivorus apivorus*. By A. B. Wigman. (No. 3.)

There is a record of *Turdus dauma aureus* for Netherlands and many other notes.