

among the most efficient . . . more especially in the newer regions where they are still to be found in large numbers." He mentions 52 species of birds among which probably the crow and the crow blackbird are the most valuable. Mr. Davis has gathered together and abstracted most of the information in economic publications on the bird enemies of Phyllophaga, but his total of 52 species can be largely increased if we take into consideration unpublished records of the Biological Survey. Phyllophaga adults and larvae have been found in the stomachs of 83 species of birds of the United States. The common crow is pre-eminent as an enemy of both adults and larvae. Other birds especially worthy of mention in the latter role (from a total of 15 species) are the Upland Plover, Rusty Blackbird and Robin, and in the former (from a total of 81 species) the following named approximately in the order of their importance: Starling, Crow Blackbird, Meadowlark, Brown Thrasher, Robin, Nighthawk, Chuck-wills-widow, Whip-poor-will, Screech Owl, Kingbird, the five species of *Hylocichla*, and these ten of about equal rank: Red-winged Blackbird, Upland Plover, the two Cuckoos, Flicker, Blue-jay, Catbird, Red-headed Woodpecker, Mockingbird, English Sparrow, Magpie and Towhee.—W. L. M.

Pine-seed Eaters in British Garhwal.—An interesting note on this subject by A. E. Omaston, may be called to the attention of ornithologists. The Chir Pine (*Pinus longifolia*), says¹ the author, is a tree which produces large quantities of edible seeds, but it is eaten by so many animals that one is forced to marvel how sufficient seed survives to bring about the complete natural regeneration which is so characteristic of the species. In this case, as in many others, nature is lavish, providing against all possible losses. Birds mentioned as important consumers of Chir seeds are: Eastern Wood-pigeon (*Palumbus casiotis*), a Nutcracker (*Nucifraga hemispila*), two species of Pied-Woodpeckers (*Dendrocopus himalayensis* and *D. auriceps*), and the Black and Yellow Grosbeak (*Pycnorhamphus icteroides*). The article contains also interesting notes on the local distribution and habits of these birds.—W. L. M.

The Ornithological Journals.

Bird-Lore. XXII, No. 1. January–February, 1920.

The Ring-Necked Pheasant. By Verdi Burtch.—Has become quite common in western New York, where it has taken the place of the Ruffed Grouse as a game bird.

Bobbie Yank. By Katrine Blackinton.—Account of a White-breasted Nuthatch.

¹ Indian Forester, Vol. 44, No. 10, Oct. 1918, p. 463.

The Staghorn Sumac. By E. A. Doolittle.—As a bird-attracting shrub.

The Twentieth Christmas Bird Census, brings forth 169 lists from all parts of the country. We notice considerable diversity in the recording of Chickadees. From many localities quite beyond the range of *carolinensis* they appear simply as "Chickadee." At Mt. Holly, N. J., they appear, no doubt correctly, as "Carolina Chickadee," while at Moorestown, N. J., a few miles farther south, the record is of "Black-capped Chickadees." In such a winter as the past one both kinds no doubt occurred in central and southern New Jersey, but at the two localities mentioned the Carolina is certainly the usual one. It would seem better to use "Chickadee" without any qualifying term where there would seem to have been an error. In connection with the lone Tree Swallow at Gardiner's Island, N. Y., it may be of interest to know that this species was quite common at Cape May Point, N. J., on December 31, 1919, flying over the frozen lake and feeding on the wax myrtle berries as observed by the reviewer.

As to the Northern Phalarope at Telford, Pa., to which special attention is called in the introduction, a little investigation would have shown serious doubt as to the correctness of the identification.

The Condor. XXII, No. 1. January-February, 1920.

Autobiographical Notes. By Henry W. Henshaw.

A Return to the Dakota Lake Region. By Florence M. Bailey.—These two continued articles maintain their interest.

Importance of the Blind in Bird Photography. By Frank N. Irving. Illustrated with admirable close-up photographs of the Flicker at its nest, showing more clearly than any pictures that we have seen the method of perching of this species.

The Rusty Song Sparrow in Berkeley and the Return of Winter Birds. By Amelia S. Allen.—A Yukutat Fox Sparrow which was a regular visitor to a feeding shelf was banded and returned the next winter; while a Rusty Song Sparrow, supposedly the same bird, returned for three successive winters. These data are of particular interest in connection with Mr. Baldwin's work (see p. 314).

A Peculiar Feeding Habit of Grebes. By Alexander Wetmore.—The habit of eating feathers practiced by birds of this family may, the author suggests, be for the purpose of providing a "strainer" which checks the passage of fish bones and scales into the intestines until they are fully disintegrated. A brush-like fringe of corneous filaments supposed to serve a similar purpose is present around the pyloric opening in the Anhinga, a bird of similar feeding habits.

Notes on the Limicolae of Southern British Columbia. By Allan Brooks.—Notes on 38 species.

Edward Garner, A Pioneer Naturalist. By H. C. Bryant.

Description of a New *Otocoris* from California. By Harry C. Oberholser.—*O. alpestris sierrae* (p. 34), the Sierra Nevada in California from Placer to Lassen Counties.

The Oölogist. XXXVI, No. 12. December 1, 1920.

Some Nesting Birds of the Palisades Interstate Park. By P. M. Sil-loway.—Including a record of the breeding of the Black-throated Blue Warbler at Highlands, N. Y.

Among the Birds of the Virginia Coast. By B. R. Bales.—This article dealing apparently with Cobb's Island calls attention to the fact that eggng is still carried on there (1919) on a large scale.

Bachman's Sparrow in Arkansas. By H. E. Wheeler.—An accom-panying illustration is labelled nest of Bachman's "Warbler," but we suppose this to be an error.

The Oölogist. XXXVII, No. 1. January 1, 1920.

Turkey Vultures Feeding. By Winsor M. Tyler.—A careful piece of observation.

New Hampshire Notes. By S. T. Danforth.—Many records of in-terest.

The Ibis. (11th Series), II, No. 1. January, 1920.

Further Ornithological Notes from the Neighborhood of Cape San Antonio, Province of Buenos Ayres. Part III, Phoenicopteridae-Rheidae. By Ernest Gibson.—The present instalment brings to a close this valuable paper, a supplement as it were, to the 'Argentine Ornithology' of Selater and Hudson, better known and more in demand than ever before since the reputation of Mr. Hudson has become so widespread. In one of his comments upon this work, Mr. Gibson calls attention to the erroneous attitude of the Black-necked Swan in the plate of this species, the neck being curved and the back elevated, whereas this species is one of the "stiff-necked" Swans with a straight back. The Coscoroba Swan, however, does curve the neck as depicted. This error in posture has extended to other "stiff-necked" species as well.

List of the Birds of the Canary Islands, with detailed reference to the Migratory Species and the Accidental Visitors. Part V. Alcidae-Phasi-anidae. By David A. Bannerman.—Another instalment of this carefully prepared paper.

Notes on the Birds of Quetta. By Col. R. Meinertzhagen.—The results of a two years' study of the avifauna of this locality in the high-lands of Beluchistan. In his method of presentation the author attempts a suppression of the subspecies which, like similar attempts in America, causes more or less confusion. The binomial names appear in bold-faced type with the trinomials under them in italic precisely like the treatment of synonyms or references in other papers in the same issue. It seems high time for a universal "Systema Avium" when we encounter so many methods of nomenclature in vogue that it requires some study to ascertain just what the author is trying to do.

Notes on the Birds of Southern Palestine. By Col. R. Meinertzhagen. Another valuable list by the same author, with the same system of nomen-clature.

Ornithology of the Maroccan [sic] "Middle-Atlas." By Captain Lynes.—This paper, while no doubt containing valuable information, is the most remarkable publication to appear in an ornithological journal in the experience of the reviewer. It appears to be the contents of a field notebook printed verbatim, and abounding in abbreviations of the most remarkable sort, marginal dashes, and sentences that have absolutely escaped the editing of either author or editor.

As an example we may quote the following under the Shore-Lark which is called "*Eremophila alpestris* (? *atlas* Whit.):

Coll. 8 ♂ ad., 4 ♀ ad. 23.5 to 10.7; ♂ ad. + ♀ ad. + N., 2e. 2d. 9.6; 1 juv. ab. 12.6 ? R. com. Plat. Almost certainly *atlas* (a specn. sent to Sicily to compare with type).

N. of 9.6 prob. second laying. My first acq. with Plateau, 23.5; shot ♀ carrying "stonefly," obv. to young. From bare breast, think ♂ shares incub.," etc.

Even with a page of explanations of abbreviations, life is too short to take the time to decipher such records!

Bulletin of the British Ornithologists' Club. No. CCXLV. December 8, 1919.

A large number of new forms are described in this issue. Dr. Hartert proposes *Ammoperdix heyi nicolli* (p. 4), Wadi Hof, Egypt; Mr. D. A. Bannerman shows that the two names, *Lamprolaima cupreipennis* and *L. olivacea*, refer to the same species and proposes for the Prince's Island (Gulf of Guinea) bird *L. rothschildi* (p. 6); he also names *Cercococcyz mechowi wellsi* (p. 7), from Cameroon, and *Sarothrura somereni* (p. 8), from British East Africa. Messrs. Robinson and Kloss present descriptions of ten new Malay birds and Dr. V. G. van Someren nineteen from Africa. Mr. Stuart Baker describes *Galloperdix spadicea stewarti* (p. 18), Travancore. Capt. Lynes describes *Sitta europaea atlas* and *Erethacus rubecula atlas* (p. 32), from Morocco but his descriptions are very meager and no types are indicated. W. L. Slater presents descriptions of *Spirozetes nipalensis fokiensis* (p. 37), Fokien, China; *Spilornis cheela ricketti* (p. 37), Fokien; *S. c. kinabaluensis* (p. 37), Mt. Kinabalu, Borneo; *S. c. palawanensis* (p. 38). Palawan and *Pernis celebensis steerei* (p. 41), Negros, Philippines. C. Chubb describes *Legatus albicollis successor* (p. 43), British Guiana, and *L. variegatus nevagans* (p. 43), Panama, but gives no data for his types. G. M. Mathews contributes descriptions of two new Australian races.

Bulletin of the British Ornithologists' Club. No. CCXLVI. December 31, 1919.

Stephenson Clarke describes five new birds from Somaliland, including a new genus *Warsanglia* (p. 48), apparently related to *Pseudacanthis* from Yemen, and widely different from any known African bird. But one specimen is known which becomes the type of *W. johannis* (p. 48). J. D. La Touche presents descriptions of four new forms from Hupeh, and

V. G. van Someren sixteen from Africa. E. Hartert describes *Turdus citrinus courtoisi* (p. 52), from eastern China. E. C. Stuart Baker contributes *Carine brama fryi* (p. 60), Madras, and C. Chubb proposes *Serpophaga helenae* (p. 61), Bartica, British Guiana, and *Myiodynastes solitarius duncani* (p. 62), Supenaam and Aarwai Rivers, British Guiana.

Bulletin of the British Ornithologists' Club. No. CCXLVII. January 30, 1920.

Stephenson Clarke describes *Heteromirafra archeri* (p. 64), from British Somaliland; Lord Rothschild, *Ithaginis clarkei* (p. 67), from Yunnan; E. C. Stuart Baker, *Anuropsis malaccensis saturata* (p. 68), N. Sarawak; and C. Chubb, *Pachyrhamphus macconnelli* (p. 73), Bonasika River, British Guiana; *P. albiloris* (p. 73), San Estahan, Venezuela; *P. chapmani* (p. 74), Antioquia Colombia; *P. costaricensis* (p. 74), Bebedero, Costa Rica; and *Empidonomus varius parvirostris* (p. 75), Kamakabra River, British Guiana. G. M. Mathews also proposes seven new forms from Australia.

British Birds. XIII, No. 7. December 1, 1919.

Notes on the Migration of Birds over the Mediterranean Sea. By C. Sufferin.

The Birds of Bardsey Island. By N. F. Ticehurst. Part V.

British Birds. XIII, No. 8. January 1, 1920.

Nesting Habits of the Merlin in Glamorganshire. By G. C. S. Ingram.

The Oystercatcher's Progress towards Maturity. By J. M. Dewar.—A study of the habits and development of nineteen families of these interesting birds from the day of hatching (eight a little later) up to the 23rd and 35th day. A most interesting and important study in behavior. One cannot but think how many nests of the American Oystercatcher have been found and all we have to show are the empty shells of a lot of eggs. Comparatively few "oologists" have any conception of what constitutes the science of ornithology.

British Birds. XIII, No. 9. February, 1920.

On the Nesting of the Storm Petrel. By Audrey Gordon.—On the Inner Hebrides.

British Birds "Marking Scheme." Progress for 1919. By H. F. Witherby. The total number of birds "ringed" now numbers over 91,000 for the eleven years. A list of interesting recoveries is appended to the report.

The Avicultural Magazine. X, No. 14. December, 1919.

Bird Photography at the Zoo. By W. S. Berridge.—With an excellent picture of the Greater Bird of Paradise in display.

The Breeding of My Kagus, All but—. By an Old Australian Bird-Lover.—Interesting notes upon these curious birds in captivity. The unfortunate modesty of the author in concealing his identity prevents others who may be interested from getting in touch with him.

Notes on the Birds of the Balearic Islands. By Philip Gosse. (Continued in January number.)

The Color Question. By an Old Australian Bird-Lover.—Experience and pertinent suggestions as to the effect of food on color.

The Avicultural Magazine. XI, No. 1. January, 1920.

The Manchurian Crane. By W. H. St. Quintin.

The Emu. XIX, Part III. January, 1920.

Notes on Sea Birds. By W. Macgillivray.—Observations from a troop ship to and from England.

Nesting of the White-rumped Swift (*Cypselus pacificus*). By H. L. Cochrane.

Material for a Study of the Megapodidae. By R. W. Shufeldt. Part III. Addenda.—Treats of *Megacephalon maleo* with a colored plate of the head and neck and half-tones of the eggs and skeleton.

Annual Report of the R. A. O. U. and of the Bunya Range Excursion. By A. H. Chisholm; and a list of the birds observed by S. A. White and J. B. Cleland.

South Australian Ornithologist. IV, Part 4. October 1, 1919.

The Weights of Some Australian Birds. By A. M. Morgan.—Birds lose weight rather rapidly after death. Many weights of eggs and their relation to the bird's weight are also given.

Morning Bird Calls. By J. Sutton. Time of morning song during August.

Birds Recorded from the Early Days Up to the Present Time for the Reed Beds District. By S. A. White.

The Austral Avian Record. III, No. 7. December 3, 1919.

Devoted entirely to biographical sketches, with portraits, of the three Australian ornithologists, S. A. White, T. Carter, and W. D. K. Macgillivray. All by Mr. Mathews.

Revue Francaise d'Ornithologie. XI, No. 126-127. October-November, 1919. [In French.]

Inquiry on the Disappearance of the Sparrow. By A. Menegaux.

The Distribution of the Penguins and Its Geological Interpretation. By M. Boubier.

Legends, Prejudices and Emblems Relating to Birds. By F. Cathelin. (Continued in later numbers, to Part 130.)

Revue Francaise d'Ornithologie. XI, No. 128. December, 1919.

On the Protection of Birds in the Province of Quebec. By F. Gaguin.

Revue Francaise d'Ornithologie. XII, No. 129. January, 1920.

An Amateur Bird Guide for One Visiting Africa. By Dr. Millet-Horsin. (Continued.)

Observations on the Song of Birds in Winter. By J. Berlioz.

Der Ornithologische Beobachter. XVII, No. 2. November, 1919. [In French and German.]

A Contribution to the Avifauna of Binntal (Wallis). By A. Hess. (Continued in Nos. 3 and 4.)

Ornithological Notes from the Region of the Bosphorus. By A. Mathey-Dupraz.

Der Ornithologische Beobachter. XVII, No. 4. January, 1920.

The Summer Life of the Starling. By H. Fischer-Sigwart.

Le Gerfaut. 5-9 Ann. Fasc. I, 1919. [In French.]

This is the first issue since the German occupation of Belgium in August, 1914, as explained in a note to the readers, from which we also learn that the treasurer of the Belgian Ornithological Society was murdered by the Germans at Louvain while the secretary fell on the field of battle at Voltin. The publication, however, starts out again with renewed energy and four issues appeared in 1919.

Biographical Sketch of Alfred Sacre.

Fauna of Belgium. *Buteo buteo zimmermannae*. By G. van Havre.

An American Bird New to the Fauna of Belgium. By M. de Conterras.—*Larus fuliginosus*.

Le Gerfaut. 5-9 Ann. Fasc. II, 1919.

Ornithological Observations from 1914-1918 at Wyneghem. By G. van Havre.

Remarks on the Life of the Cuckoo. By M. Mairlot.

Birds and the War. Migration in the Eastern Region. By L. Coopman. (Continued.)

Fauna of Belgium. *Cinclus cinclus cinclus*. By G. van Havre.

The Food of the Starling. By A. Mercier.—Mainly from Collinge's paper.

Le Gerfaut. 5-9 Ann. Fasc. III, 1919.

The Red-throated Pipit. *Anthus cervinus*. By L. Coopman.

The Yellow Bunting. *Emberiza citrinella citrinella*. By M. Mairlot.

Habits of the Cuckoo. By A. Paque.

Le Gerfaut. 5-9 Ann. Fasc. IV, 1919.

Brunnich's Murre in Belgium. By C. Dupond.—Specimen proves to be *Alca torda*.

Ornithologische Monatsberichte. Vol. 23, No. 9. September, 1915. [In German.]

We have before us this complete set to the end of 1916. The principal papers are listed below with all new forms.

On the Migration of Gannets into German Binnen Land. By H. Schalow.

Ornithologische Monatsberichte. Vol. 23, No. 10. October, 1915.

New Species. By Reichenow. *Tanagra ehrenreichi* (p. 154) Hyntanaham, on the upper Purus; regarded as probably a race of *T. coelestis*; *Anthus leucocraspedon* (p. 155), Wendhuh, S. W. Africa. No type specimens mentioned as is unfortunately the custom of this author.

The Geographical Forms of *Corythornis*. By O. Neumann.—Recognizes four: *C. c. cristata*, Madagascar and Comoren Island; *C. c. galerita*, tropical Africa; *C. c. nais*, Prince's Island; *C. c. thomensis*, St. Thomas.

Ornithologische Monatsberichte. Vol. 23, No. 11. November, 1915.

Nomenclatural Remarks on the Genus *Alcedo* Linn. By A. Laubmann.

Ornithologische Monatsberichte. Vol. 23, No. 12. December, 1915.

Birds of Northern France. By H. Boeker.

New Tropical Birds. By O. Neumann.—*Palaornis krameri borealis* (p. 178) Assam; *Chalcopsittacus duyvenbodei syringanuchalis* (p. 179) Stephansort, New Guinea; *Opopsitta nigrifrons ramuensis* (p. 180), Bismark Mts., New Guinea; *Tanysiptera nigriceps leucura* (p. 180), Rook Island, near New Guinea; *Pitta brachyura beryllofulgens* (p. 181), a specimen bought in Calcutta; *Graucalus caledonicus thilenii* (p. 181), New Hebrides; *Graucalus macei andamanus* (p. 181), *Chaetura ussheri senegalensis* (p. 182), Thies, Senegal.

Ornithologische Monatsberichte. Vol. 24, No. 1. January, 1916.

Nomenclatural Remarks on the Genus *Alcedo* Linn. By A. Laubmann. (Continued.)

Wasp Enemies Among Birds. By E. Hesse.

Ornithologische Monatsberichte. Vol. 24, No. 2. February, 1916.

Ornithological Observations in Husum (Germany). By W. Hagan.

New Birds from Siam. By N. Gyldenstolpe.—*Alseonax siamensis* (p. 27), Bang Hue Pong, N. Siam; *Gerygone griseus* (p. 27), Koh Lak, Siamese Malakka; *Turdus aureus angustirostris* (p. 28), Koon Tan, N. Siam; *Lanius hypoleucus siamensis* (p. 28), Koh Lak; *Picus vittatus eisenhoferi* (p. 28), Pa Hing, N. Siam; *P. canus hessei* (p. 28), *Brachylophus chlorolophoides* (p. 29), Koon Tan, N. Siam; *Sphenocercus pseudo-crocopus* (p. 29), Bang Hue Pong, N. Siam.

Ornithologische Monatsberichte. Vol. 24, No. 3. March, 1916.

On the date of publication of Pallas' 'Zoographia Rosso-Asiatica.' By E. Hesse.—Date of 1811 as printed on the title page is endorsed.

Ornithologische Monatsberichte. Vol. 24, No. 4. April, 1916.

New Forms from Africa. H. Freiherr Geyr von Schweppenberg.—*Pterocles lichtensteini targius* (p. 56), Quelle Tahart; *P. l. abessinicus* (p. 57), Dire Daura; *Columba livia targia* (p. 58), Ain Tahart; *Turtur t. hoggara* (p. 59), Ideles am Nordrande, Hoggar Plateau; *Cotyle rupestris spatzi* (p. 59), Gara Djenoun.

On Rhynchotos. By Reichenow.—Account of the structure of the Kagu with cut of the bill and nostril.

On the Name *Columba pallida* Lath. By E. Hesse.

Ornithologische Monatsberichte. Vol. 24, No. 10. October, 1916.

New Species. By Reichenow.—*Cinnyris schillingsi* (p. 154), Kilimanjaro; *Sylvietta carnapi dilutior* (p. 154), Ruwenzori; *Certhia brachydactyla lusitanica* (p. 154), and *Parus ater lusitanica* (p. 154), both from Oporto, Portugal; *P. brunnescens* (p. 154), Kubub in Namaland; *Carospiza brachydactyla psammochura* (p. 155), Kousha, Beluchistan.

Ornithologische Monatsberichte. Vol. 24, No. 11. November, 1916.

Lagonosticta rhodopareia neglecta (p. 168), Portuguese Guinea; *Estrilda astrild niediecki* (p. 168), Nanneala, Rhodesia; *E. a. adesma* (p. 168), Kissenji, Kiwusee; *E. incana hapalochroa* (p. 168), *Pseudospermestes microrhyncha* (p. 168), West side of Victoria Nyanza; *Munia calaminoros* (p. 169), New Guinea; *Parus palustris balticus* (p. 169), Bialowies.

Ornithologische Monatsberichte. Vol. 24, No. 12. December, 1916.

New African Pycnonotidae. By Reichenow.—*Bleda notata pallidior* (p. 180), Loango; *Phyllastrophus zenkeri* (p. 180), and *P. albigularis adametzi* (p. 181), both from Camaroons; *P. placidus munzneri* (p. 181), Munzner, Mahenge; *Andropadus gracilirostris congensis* (p. 181), Leopoldsville, Congo; *Pycnonotus xanthopygus palaestinae* (p. 181), Jafa, S. Palestine.

Journal für Ornithologie. Vol. 63, No. 4. October, 1915. [In German.]

Characters of the Flight-Feathers of the Birds of N. W. Germany. By H. Reichling.

Hans Graf von Berlepsch. By C. E. Helmayr.—Portrait and bibliography of 84 titles.

Some Noteworthy Records of German Birds in the Royal Zoological Museum at Berlin. By E. Hesse.

Journal für Ornithologie. Vol. 64, No. 1. January, 1916.

South Somaliland as a Zoogeographical Province. By O. Graf Sedlitz. (Continued.)—The following are proposed as new, all from Afgoi: *Oriolus larvatus reichenowi* (p. 1); *Gymnoris pyrgita reichenowi* (p. 42); *Serinus dorsostriatus harterti* (p. 47), *Anthreptes longmani neumanni* (p. 73); *Apalis flavida neumanni* (p. 89); *Cichladusa guttata mulleri* (p. 108).

A Contribution to the Avifauna of Hesse Nassau. By W. Hagan.

Materials for a Revision of the Genus *Campephaga* Vieill. By O. Neumann.—Seven forms and several "aberrations" are listed.

Journal für Ornithologie. Vol. 64, No. 2. April, 1916.

A Contribution to Our Knowledge of the Ornithology of Saxony. By R. Heyder. (Continued.)—This instalment contains a bibliography of 415 titles and enumerates 62 species.

On the Elevations to Which Birds Range. By H. Krohn.—A miscellaneous compilation.

Remarks on Some Forms of Sylviidae. By E. Hesse.—*Hippolais pallida* and *caligata* and *Calamoherpe brehmii*.

Journal für Ornithologie. Vol. 64, No. 3. July, 1916.

A New Catalogue of the Birds of Germany. By E. Hesse and A. Reichenow.—Nomina conservanda are recognized, and the International Code is ignored.

War Observations in Belgium and France. By J. Gengler.

Journal für Ornithologie. Vol. 64, No. 4. October, 1916.

Report on Ornithological Observations at Rossiten for 1915. By J. Thinemann.

- Remarks on Some Turkestan Birds. By P. Kollibay.
Ardea. VIII, No. 2. November, 1919. [In Dutch.]
 Dr. Coenraad Kerbert. Obituary with Portrait.
 Arrival of Certain Migrant Birds in Holland in 1918. By H. Ekama.
 Migration of the Swift (*Apus apus*). By A. E. H. Swaen.
 Condition of the Cormorant Colonies in Holland. By G. J. Van Oordt.
 Communication on the Breeding Birds of Holland. By T. de Vries.

Ornithological Articles in Other Journals.¹

- Shufeldt, R. W.** Osteological and Other Notes on the Monkey-eating Eagle of the Philippines, *Pithecophaga jefferyi* Grant. (Philipp. Jour. Sci., XV, No. 1. July, 1919.)—Eleven plates from photographs of the skeleton of this and other species.
- Criddle, Norman.** Birds in Relation to Sunflower Growing in Manitoba. (Canadian Field Naturalist, November, 1919.)
- Oberholser, H. C.** A New Cliff Swallow from Canada. (*Ibid.*)—*Petrochelidon albifrons hypopolia* (p. 95), Fort Norman, Mackenzie. Ranges from central Alaska over western British America to Alberta and Montana.
- Fleming, J. H.** Birds of Northern Saskatchewan and Northern Manitoba Collected in 1914 by Capt. Angus Buchanan. (*Ibid.* December, 1919.)
- Stephens, T. C.** Records of the Past Winter (1917-1918) in the Upper Missouri Valley. (Proc. Iowa Acad. Sciences, XXV, pp. 71-83. 1919.)
- Stephens, T. C.** Birds of Union County, South Dakota. (*Ibid.* pp. 85-104.)
- Gabrielson, Ira N.** A List of the Birds Found in Marshall County, Iowa. (*Ibid.* pp. 123-153.)
- Allen, A. A.** Illustrated Articles on the Gulls and Terns; Rails, Coots and Gallinules; Herons; Loons and Grebes. (American Forestry, XXV, pp. 1291, 1000, 1229, 1419.)
- Gates, Moody B.** Protecting Birds as an Act of Patriotism. (*Ibid.* p. 1063.)
- Wetmore, Alexander.** Description of a Whippoorwill from Porto Rico. (Proc. Biol. Soc. Washington, 32, pp. 235-238. December 31, 1919.)—*Setochalcis noctitherus* (p. 235).

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.