

pillars of 3 species were identified, flies were taken once and locusts (mainly *Stenobothrus* sp.) occurred 16 times. The Hemiptera secured were largely injurious forms and last of all remains of spiders were encountered 4 times. In conclusion it is stated that the Partridge may be considered beneficial to agriculture in its food habits as well as of value as a game bird.

Had the results of the examination of the vegetable food been tabulated in some way the information presented would be more readily available but otherwise the paper may be commended as a careful piece of work. It is to be hoped that further investigations may give information of the food for the last part of the year and supplement the examinations made in the spring months. The young in the first few weeks of their existence should consume large amounts of insects.—A. W.

The Ornithological Journals.

Bird-Lore. Vol. XVI. No. 4. July–August, 1914.

At Home with a Hell Diver. Some Observations on the Nesting of the Pied-billed Grebe. By A. A. Allen.—A most important study of the nest-life of this species, illustrated.

The Morning Bird Chorus in Pasadena [Cal.] By Garrett Newkirk.

Destruction of the Rhea, Black-Necked Swan, Herons and Other Wild Life in South America. By Leo E. Miller.—Observations made on the Roosevelt South American Expedition.

Comparative Abundance of Birds. Letters from A. H. Thayer and Hugo Münsterberg.—Statements based on memory are practically worthless.

Migration of N. A. Sparrows. By W. W. Cooke.—Plumage Notes by F. M. Chapman and color plate of Sharpe's Seedeater and Lark Bunting by Fuertes.

A Coöperative Study of Bird Migration. Compiled by C. H. Rogers.

Educational Leaflet.—The Sora Rail. By E. H. Forbush with color plate by Horsfall.

The Condor. Vol. XVI. No. 4. July–August, 1914.

A plea for Comparative Oölogy. By T. W. Richards.—Good advice on the broadening of this line of research.

On the Oölogy of the North American Pygopodes. By R. W. Shufeldt.—With five plates.

The Wilson Bulletin. Vol. XXVI. No. 2. June, 1914.

Ten Days' Bird Study in a Nebraska Swamp. By I. N. Gabrielson.—Annotated list of 46 species seen at Crystal Lake with detailed study of nest life of the Yellow-headed and Red-winged Blackbird and American and Least Bittern. In considering the identification of insects fed to the nestlings, the reader should consult the criticism of similar papers on p. 420–421 of 'The Auk.'

Breeding Birds of a Clay County, Iowa, Farm. By I. N. Gabrielson.—Annotated list of 50 species.

Notes on the Spotted Sandpiper. By A. F. Smith.— Interesting study of nest-life.

The Resident Bird Life of the Big Cypress Swamp Region [Lee Co., Fla.]. By F. M. Phelps.— Annotated list of 65 species.

The Oölogist. Vol. XXXI. No. 6. June 15, 1914.

A 'warbler number' with accounts of the breeding of numerous species. Also lists of the warblers of Doddridge Co., W. Va., and Warren Co., Pa. By R. B. Simpson, and Summer Residents of the Pensauken Creek, N. J., By R. F. Miller.

The Oölogist. Vol. 'XXXII' (= XXXI). No. 7. July 15, 1914.

The Dusky Seaside Sparrow. By O. E. Baynard.— Contains account of the discovery of the nest and eggs of this species.

[List of Birds observed in Milton Co., Ga.] By D. V. Hembree.— 89 species.

The Oölogist. Vol. 'XXXII' (= XXXI). No. 8. August 15, 1914.

Glimpses of Bird Life in Utah. By Mrs. A. Treganza.

Notes from Bear River Marshes, Utah. By E. Treganza.

The Ibis. X Series. Vol. II. No. 3. July, 1914.

Observations on the Bird-Life of the Anatolian Plateau during the Summer of 1907. By L. N. G. Ramsay.— Description of this section of Asia Minor with an annotated list of 60 species.

Notes from Mesopotamia. By R. Meinertzhagen.

A Note on the Common Ringed Plover of the British Isles and on Coloration as a Factor in Generic Differentiation. By P. R. Lowe.— A large pale race *Charadrius hiaticula major* Seebohm is separated from true *hiaticula* and as Greenland examples are referred to it, it will replace *C. hiaticula* in the A. O. U. Check-List. The consideration of color in generic taxonomy is strongly urged, a contention which we heartily endorse.

Notes on Molina's Pelican (*Pelecanus thagus*). By H. O. Forbes.— With two color plates.

On a Peculiarity in the Nest of the Tasmanian Tit (*Acanthiza diemenensis*). By H. S. Dove.— Apparent intelligence in weaving nest materials.

The Surface Breeding Petrels of the Kermadec Group. By T. Iredale.

On *Sterna fuscata* Linn. By T. Iredale.— Endorses the use of this name as accepted by the A. O. U. Committee.

The Distribution and Nidification of the Tubinares in the North Atlantic Islands. By D. A. Bannerman.— 14 species are considered of which 9 are regular breeders on one or more of the island groups under consideration — i. e. the Azores, Madeira, Salvages, Canary and Cape Verde Archipelagos. Each species is discussed in detail with abundant quotations and references to the literature.

Some Facts bearing on the Affinities of *Smithornis*. By G. L. Bates.— A presentation of important discoveries in the anatomy of *Smithornis* which show it to be non-passerine in its affinities.

Notes on some Species of the Genus *Thalassogeron*. By T. Salvadori.— *T. carteri* and *T. eximius*.

Bulletin of the British Ornithologists' Club. No. CXCVIII. May 28, 1914.

Capt. H. Lynes described a recent trip to the Sudan in company with Messrs. Abel Chapman and W. P. Lowe, *Mirafra sobatensis* (p. 129) mouth of Sobat River, and *Calamocichla leptorhyncha merensis* (p. 130). Upper White Nile, are described as new.

Capt. Lynes also described (p. 131) *Ortygospiza gabonensis* a new Weaver-Finch from Gaboon.

Mr. C. Chubb described *Planesticus arthuri* (p. 131), Abary River, British Guiana, and *Euscarthmus josephinae* (p. 131), Supenaam, Essequibo River, British Guiana.

Erythropygia ansorgii Ogilvie-Grant (p. 134) North Angola, and *Camaroptera superciliaris ugandæ* Stephenson Clarke (p. 136), Uganda, were also described as new.

Bulletin of the British Ornithologists' Club. CXCIX. June 29, 1914.

Hon. W. Rothschild discussed the three Algerian races of *Garrulus glandarius*.

Mr. Claude Grant described (p. 141) a New Guinea-fowl from the Lake Baringo district, British East Africa, as *Numida pilorhyncha baringoensis*.

British Birds. Vol. VIII. No. 1. June 1, 1914.

The Study of Bird-Notes. By Dr. Hans Stadler and Cornel Schmitt.

Notes on the Red-necked Phalarope in the Outer Hebrides. By Mary G. S. Best and Maud D. Haviland.—Photographs of *Phalaropus hyperboreus*.

British Birds. Vol. VIII. No. 2. July 1, 1914.

Ecological Relations of Bird Distribution. By S. E. Brock.—An admirable discussion of this subject interesting alike to the student of zoögeography and of bird protection. A statement that the latter should consider carefully is: "Persecution has locally exterminated individual species; environmental alteration has locally caused the disappearance of whole groups of species. The felling of a forest or the draining of a marsh is more effective than much slaughter."

British Birds. Vol. VIII. No. 3. August 1, 1914.

Notes on Breeding Habits of Avocets. By Mary G. S. Best.—Admirable photographs.

Ringling Birds in Hungary. By H. F. Witherby.—Interesting description of a new method of snaring old birds at the nest, which rarely causes them to desert and is likely to yield valuable results by showing where birds banded as nestlings, go to breed.

The Avicultural Magazine. Vol. V. No. 8. June 1914.

Crowned Cranes and Stanley Cranes. By Maurice Portal.—Excellent photographs of both species.

Birds of N. S. Wales I have caught and kept. By G. A. Heumann.

The Avicultural Magazine. Vol. V. No. 9. July, 1914.

The Yellow Wagtail. By J. H. Symonds.—Photographs of bird and nest.

The Cinnamon Teal. By Major Boyd Horsbrugh.—Incidental notes on Californian Waterbirds.

English Names for the Parrots. By Dr. E. Hopkinson.—A Synonymy that will prove of value to inspectors of imported birds.

The Avicultural Magazine. Vol. V. No. 10. August, 1914.

Flamingos. By Hubert D. Astley.—Republication of Sir Harry Johnston's plates and account of *Phæniconais minor* in B. E. Africa.

The South Australian Ornithologist. Vol. I. Part 3. July, 1914.

A Sketch of the Life of Samuel White. By his son S. A. White.

Field Notes on *Virago castanea* and *Virago gibberifrons*. By S. A. White.

Birds in a North Adelaide Garden. By A. M. Morgan.

The Emu. Vol. XIV. Part 1. July, 1914.

Two New Genera of Parrots for Australia. By G. M. Mathews.—*Geoffragus geoffroyi macclennani* and *Eclectus pectoralis macgillivrayi*, both here figured.

The Myology of the Bell-Magpie (*Strepera*) and its Position in Classification. By J. A. Leach.—An exhaustive anatomical study resulting in the decision that *Strepera* is not at all allied to the Crows but should form a separate family along with *Gymnorhina* and *Cracticus* which have usually been regarded as aberrant Shrikes.

North Territory Birds. By H. G. Barnard.—An annotated list of 170 species with a list of stomach contents of all birds collected and a table of measurements of nests examined. The vexed question of nomenclature is met by citing both the R. A. O. U. names and those of Mathews' 'List.'

Three New Subspecies of Birds. By G. M. Mathews (p. 60) *Eopsaltria australis austina* Cobbara, N. S. W.; *Acanthiza nana dorotheæ*, Lithgow, N. S. W.; *Geobasilus reguloides tarana*, Tarana, N. S. W.

The Journal of the South African Ornithologists' Union. IX. No. 2. December, 1913.

Notes on *Euplectes xanthomelas*. By L. B. Mouritz.

On a pair of Tame Ground-Hornbills (*Bucorax cafer*). By C. F. M. Swynnerton.

Some Rambling Notes on Birds, with the Description of a New Species. By Austin Roberts.—*Cisticola mystica* sp. nov. (p. 106) Pretoria.

The Secretary Bird (*Serpentarius serpentarius*). By Alwin Haagner.

Bird Notes. Vol. V. No. 5. May, 1914.

My Weavers and Whydaks. By Sidney Williams.—Photograph of nests constructed in the aviary.

Bird Notes. Vol. V. No. 6. June, 1914.

An April Morning in Northern India. By D. Dewar.

Birds of the Jhelum District (Punjab). By H. Whistler. Runs through May-July.

Revue Francaise d'Ornithologie. Vol. VI. No. 62. June 7, 1914. (In French).

List of Birds Obtained or Observed at Dahomey 1908-1912. By G. Bouet (concluded).

Note on *Houbara undulata* and Some Points Relative to the Ornithology of Tunis. By L. Lavauden.

Revue Francaise d'Ornithologie. Vol. VI. No. 63. July 7, 1914.

The Illumination of Ostrich Eggs. By A. Menegaux.—The practice, known to dealers in hen's eggs as 'candling'.

Notes on the Birds Observed and Secured in Algeria. By M. Spatz. 1912-1913. By Count Zedlitz (concluded).

Ornithologische Monatschrift. Vol. XXXIX. No. 5. May, 1914. (In German.)

Imitative Ability in our Native Birds. By W. Koch.

Journal für Ornithologie. Vol. 62. Part 3. July, 1914. (In German.)

Birds of the Middle Kergisensteppe. By P. P. Suschkin.

Contribution to the Ornithology of Prussian Schlesia. By C. Kayser.

Annual Report (1913) of the Rossitten Bird Observation Station. By Dr. J. Thienemann.

In the Proceedings of the German Ornithological Society Prof. Reichenow (p. 488) proposes two new genera, *Gymnomyza*, type *Leptornis aubryanus* and *Dreptes*, type *Nectarina thomensis*.

Ornithologische Monatsberichte. Vol. 22. No. 6. June, 1914. (In German.)

On the Biology of *Cisticola schusteri* Rehw. By Ludwig Schuster.

The Geographic Forms and Plumages of *Ploceus fusco-castaneus* Boc. By Oscar Neumann.

Ornithologische Monatsberichte. Vol. 22. No. 7-8. July-August, 1914.

Remarks on Some Birds of the East Sea Provinces. By N. Sarudny and M. Härms — *Acanthis hornemanni exilipes* Coues among others.

Observations on Hybrid Canaries. By F. Braun.

Sparrow Hawks, Bird Intelligence and Alarm Notes. By R. Biedermann Imhoof — Some astonishing syllabic representations of bird calls!

On the Phänologie of the Song of *Alauda arvensis*. By K. Radig.

On a Supposed New Species of *Dicaeum* from Java. By Max Bartels.—*D. finschi* (p. 125) Goenoeng Beser, W. Java.

Ornithologische Monatschrift. Vol. 39. No. 6. June, 1914. (In German.)

Bird Protection and the Feather Fashion.

Ornithologisches Jahrbuch. Vol. XXV. Parts 1-2. January-April, 1914. (In German.)

Contribution to our Knowledge of the Ornithology of Croatia. By Dr. M. Hirtz.

Birds of the Island of Arbe [N. Dalmatia]. By Dr. G. Schiebel.

Remarks on *Emberiza citrinella*. By Dr. J. Gengler.— Four races recognized.

The Flapping of Birds of Prey with and against the Wind. By R. Biedermann-Imhoof.

Passer hispaniolensis canariensis (p. 54) subsp. nov. Fuerteventura, Canary Isls. By Viktor Ritter von Tschusi zu Schmidhoffen.

Proceedings of the Ornithological Society of Bavaria. Vol. XII. Part 1. May 15, 1914. (In German.)

What is *Collocalia fuciphaga* (Thunb.)? By E. Stresemann.—*C. f. micans* (p. 6), Savu; *C. f. moluccarum* (p. 7), Banda; *C. f. hirundinacea* (p. 7), Snow Mts., New Guinea; and *C. lowi palawanensis* (p. 10), Palawan, are described as new.

Materials for a Bavarian Ornithology VIII. Birds of Prey, Owls, Crows and Woodpeckers. By Dr. J. Gengler.

On the Black and White Wheatears. By Dr. J. Gengler.

On a Hybrid from the Pheasant and Blackcock. By L. von Besserer.—With photograph.

Migration in the Environs of Freiburg and the South Vosges Mts. By R. Schelcher.

New Birds from Tropical America. By C. E. Hellmayr and Josef Graf von Seilern.

Hemispingus hanieli (p. 87) Galipan, Venezuela; *Cyanerpes cyanea tobagensis* (p. 88), Tobago; *Myiarchus tyrannulus tobagensis* (p. 89), Tobago; *Lathria cryptolopha mindoensis* (p. 89), Mindo, Ecuador; *Pernostola lophotes* (p. 90), San Gaban, Peru; and *Grallaria ruficapilla avile* (p. 92), Galipan, Venezuela.

Aquila. Vol. XX. 1913. (In Hungarian, German and English.) Numerous articles on Migration of Birds etc. in Hungary.

Histological Investigation of the Mandibular Gland of Birds. By Dr. E. Greschik.

Extinct Ostrich Birds of the United States. By Dr. R. W. Shufeldt.

Additions to the Fossil Bird Fauna of Hungary. By Dr. K. Lambrecht.

Message Ornithologique. Vol. V, No. 2. 1914. (In Russian).

On the Cuckoos of Turkestan. By N. A. Sarudny.—*Cuculus canorus subtelephonus* (p. 108) subsp. nov.

Ornithological Observations in northwestern Transcaucasia. By N. S. Dorowatowsky.

Notes on Some Caucasian Birds. By E. W. Scharleman.

Ardea. Vol. III. Part 2. June, 1914. (In Dutch.)

Report on the Ornithological Observations of Correspondents of the 'Central Committee for the Promotion of Bird-study and Bird Protection' in 1913. By Dr. L. F. de Beaufort.

What Sort of Birds can one see on a Sea Voyage to the East Indies. By W. C. Van Heurn.

Rivista Italiana di Ornitologia. Vol. III. No. 1-2. January-June, 1914. (In Italian.)

Notes on the Great Auk. By E. Arrigoni degli Oddi.

First Capture of *Ardea melanocephala* in Italy. By G. Vallon.

Hapalopteron familiare. By T. Salvadori.—The writer apparently overlooked the note in 'The Auk,' 1912, p. 250.

Agricultural Ornithology. By A. Ghigi.

The Species of the Genus Pipile. By T. Salvadori.— A key with synonymy and remarks for the six recognized species.

Journals of Bird Protection. Besides 'Bird-Lore' the organ of the Audubon Societies and 'Ornithologische Monatschrift' the well-known German periodical, we have a constantly increasing number of journals devoted to the protection of birds and the advancement of popular bird study. 'Bird Notes and News' the organ of the Royal Society for the Protection of Birds in England is now in its sixth year, the current numbers being devoted mainly to the plumage bill now before Parliament, and to the attempts to provide resting places for migrant birds on the lighthouses.

'Blue-bird' published by Mr. Eugene Swope at Cincinnati, Ohio, in the interest of the Junior Audubon classes and nature study work contains pleasing chats about various phases of nature with excellent photographic studies of birds, wild flowers and scenery. With the August issue Mr. Oscar Baynard of Clearwater, Florida becomes associate editor.

'The Oriole' published by the Somerset Hills Bird Club and edited by Mr. John Dryden Kuser, Bernardsville, N. J. is a credit both to the editor and printer. The June number contains a pleasing account of experiences with British Birds, and of the breeding of the American Merganser in a hollow tree, while the August issue describes the Orioles of Costa Rica and the nesting of the Blue-winged Warbler, also articles on bird study and protection.

'The Oregon Sportsman' edited by warden Wm. L. Finlay for the State Fish and Game Commission, contains the record of an active conservator of wild life in enforcing the laws against illegal hunting. Incidentally the 'cat question' is considered and the breeding of imported pheasants.

Ornithological Articles in Other Journals.¹

Young, C. J. The Cardinal Grosbeak in Winter in Northumberland County, Ontario. (*Ottawa Naturalist*, June-July, 1914.)

Cash, C. G. History of the Loch an Eilein Ospreys. (*The Scottish Naturalist*, July, 1914.)—Data from 1804 to 1902.

Duchess of Bedford. Spring Bird-notes from Various Scottish Islands. (do., August, 1914.)

Selous, E. Ornithological Observations in Iceland, continued. (*The Zoölogist*, June, 1914.)

Gurney, Robert. The Egyptian Desert and its Birds. (do., July, 1914.)

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.