

voles and mice make up 31 per cent of the food, injurious insects, 30 per cent, neutral insects 17 per cent, earthworms 7 per cent and wild birds 4 per cent. The latter, in this case also, were chiefly injurious species. Game birds were barely represented and poultry not at all. Consequently Dr. Collinge's judgment is distinctly favorable to the Little Owl.—W. L. M.

Bird Enemies of Two Exotic Insect Pests.—The wattle bagworm (*Acanthopsyche junodi*) is termed the worst of pests of the black wattle in South Africa. From a study of nearly 60,000 specimens it has been determined that birds destroy about one per cent of these insects. The birds that have been observed to prey upon the bagworm are Sprews, Parrots, Weaver-birds, Silver-eyes and Butcher-birds¹.

In Trinidad a blight both directly and indirectly due to the sugar-cane frog hopper (*Tomaspis saccharina*) is the most serious drawback to cane-growing which ranks second among the industries of the island. Damage as high as £300,000 has been caused by this blight in a single year. In an extensive account² of the natural enemies of the frog hopper Mr. C. B. Williams records 3 species of birds as preying upon the immature insects and 17 upon the adults. The Forked-tailed Flycatcher (*Muscivora tyrannus*) is said to be the most important bird enemy of the frog hopper.—W. L. M.

The Ornithological Journals.

Bird-Lore. XXIV, No. 2. March–April, 1922.

When the Birds Come North. By Grace A. Hill.—An account of the spring migration 30 miles north of Nome, Alaska.

The Friendly Phoebe. By Clinton G. Abbott.—Illustrated account of a nesting.

Caught in a Springtime Blizzard. By Margaret A. Bartlett.—At Boulder, Colo.

A Nest-Building Parrot. By Mary B. Sherman.—An escaped pair of Gray-breasted Parrakeets built in a garden at Ogdensburg, N. Y.

The Migration and Plumage papers cover the Red-winged Blackbirds with a plate by Fuertes.

The Condor. XXIV, No. 2. March–April, 1922.

A Large Tern Colony in Texas. By J. R. Pemberton.—Well illustrated.

Notes on Fox Sparrows in California in the Autumn of 1921. By Joseph Mailliard.

A Study of Roosting Holes of the Red-shafted Flicker. By Emerson A. Stoner.—Drilled through the sides of a frame building and roosted inside.

A Law Governing the Elevation of the Nesting Site. By Charles K. Averill.—“Birds with long pointed wings may nest high or low, but the short and round winged are low nesting.”

¹Skaffe, S. H., South African Journ. Sci., 17, Nos. 3–4, July 1921, pp. 291–301.

²Mem. Dept. Agr. Trinidad and Tobago, No. 1, Jan. 1921, pp. 66–67, and 70–78.

The Wilson Bulletin. XXXIV, No. 1. March, 1922.

Notes on the Road-Runner at Fort Worth, Texas. By George M. Sutton.—An elaborate study of the bird's habits illustrated with drawings by the author.

Florida Burrowing Owl. By C. J. Pennock.—A study of the species on the plains near Punta Gorda, Fla. The writer considers the birds are decreasing.

The Birds of the Cape Fear Region of the North Carolina Coast. By Z. P. Metcalf.—A briefly annotated list.

The Oölogist. XXXIX, No. 2. February, 1922.

Winter Observations in Texas. By James Wood.—From vicinity of Brownwood.

The Blue Grosbeak in Terrant County, Texas. By Ramon Graham.

The Oölogist. XXXIX, No. 3. March, 1922.

American White Pelican at Malheur Lake, Oregon. By A. G. Prill.—Well illustrated.

The Oölogist. XXXIX, No. 4. April, 1922.

Some notes on the Light-footed Rail (*Rallus levipes*). By H. A. Edwards.

Birds observed at East Leake, Goochland County, Va. By Robert W. Williams.

The Ibis. (11 series) IV, No. 2. April, 1922.

On the Sense of Smell possessed by Birds. By J. H. Gurney.—An elaborate consideration of published data pro and con but no definite conclusion as to whether birds have a well marked sense of smell. As several times mentioned in 'The Auk' there is a deplorable lack of careful field experiments and many of the recorded observations are by no means convincing. In fact some accepted as important by Mr. Gurney are wholly rejected by Dr. R. M. Strong in his discussion of the subject. (Jour. Morph. XXII, pp. 619-660.)

Notes on the Nest and Eggs of *Stenostira scita* (Vieill.) By H. W. James.

On the Eggs of the Puffin (*Fratercula arctica*). By Percy F. Bunyard.—These eggs are usually heavily blotched but the color is deep-seated and covered by superficial coats of lime. Interesting photographs of eggs illuminated by electric light from within clearly show the striking markings.

The Birds of Jhang District, S. W. Punjab. Part I. Passerine Birds. By Hugh Whistler.—A well annotated list with an introduction dealing with the physical features of the district.

Remarks on the Japanese Petrels of the Genus *Oceanodroma*. By N. Kuroda.—*Oceanodroma melania matsudariae* (p. 311), Coast of Japan, is described as new, and should, we think, have been spelled *matsudairae*.

Modern Nomenclature and Subspecies. By H. J. Elwes.—A long commentary on the evils of adopting the tenth edition of Linnaeus, and the

establishment of subspecies, modern rules of nomenclature, and the changes which they have, brought about in bird names; but no remedy is offered nor antidote suggested!

Results of a Collecting Trip in the Cantabrian Mountains, northern Spain. By H. F. Witherby.—A well annotated list with an itinerary, description of the country, comparative lists for the Pyrenees, Cantabrians, N. Portugal and the Algeiras and a discussion of the humidity.

Beginning with this issue 'The Ibis' will publish a brief list of papers in the current ornithological journals, following the plan established by 'The Auk' some ten years ago.

Bulletin British Ornithologists' Club. CCLXIV.

Mr. Sclater communicates nomenclatural notes on African Hornbills and Kingfishers and proposes *Bycanistas sharpii duboisi* (p. 45) as new, from Cameroon. Mr. H. F. Witherby describes *Dryobates medius lilianae* (p. 49) from N. W. Spain. Dr. Hartert presents several new forms from Africa and Mr. La Touche a number from Yunnan.

Bulletin British Ornithologists' Club. CCLXV. February 2, 1922.

W. L. Sclater presents a synopsis of *Indicator variegatus* and its allies and the races of *Tricholaema hirsutum*. He also presents as new *T. leucomelan namaqua* (p. 63) Namaqualand; and *Micropus caffer ansorgei* (p. 63) northern Angola.

Mr. Kirke Swann presents an account of his recent visit to America and examination of the Accipitres in the several museums. In this connection he describes *Falco columbarius bendirei* (p. 66) Walla Walla, Wash., type in the Mus. Comp. Zool., and *F. rusticolus alascanus* (p. 67) Norton Bay, Alaska, type in U. S. Nat. Mus. He regards *F. obsoletus* a mere melanistic form of *F. candicans* thus reducing the North American races to two.

Mr. Bannerman describes *Fraseria ocreata kelsalli* (p. 68) Sierra Leone, and *F. cinerascens guineae* (p. 69) Portuguese Guinea, as new.

Mr. Meade-Waldo describes the curious habit of the male Sand Grouse of saturating its ruffled breast plumage with water and carrying it in this way to the young.

Bulletin British Ornithologists' Club. CCLXVI. February 25, 1922.

Mr. W. L. Sclater shows that the generic name *Pteroclorurus* is a synonym of *Pterocles* both applying to the long-tailed Sand Grouse and proposes *Eremialector* (p. 74) for the short-tailed species, type *Tetrao orientalis* Linn. (= *Pterocles arenarius* (Pall).)

Three other new genera are proposed, *Stephanoaëtus* (p. 75), type *Falco corcnatus* L., *Cassinaëtus* (p. 76), type, *Limnaëtus africanus* Cassin, and *Tropicranus* (p. 76) for *Ortholophus* O. Grant, preoccupied. *Pterocles burchelli* (p. 74) is proposed for *P. variegatus*, preoccupied.

An account of the eleventh oölogical dinner follows with a list of specimens exhibited.

Bulletin British Ornithologists' Club. CCLXVII. March 13, 1922.

Rothschild and Hartert propose as new *Tanysiptera danae intensa* (p. 91) S. E. New Guinea.

Mr. Stuart Baker presents a valuable paper on "Cuckoos,—Some theories about the birds and their eggs." (see antea p. 433).

Bulletin British Ornithologists' Club. CCLXVIII. May 5, 1922.

Decision is reached not to publish proceedings of the oölogical dinners which are not under the auspices of the Club and have been criticized because of the large number of eggs exhibited and the inconsistency of excessive collecting with bird protection. The Club goes on record as opposed to "collecting eggs in unnecessary numbers" or "taking the eggs of any birds in localities where they are rare."

W. L. Sclater continues his comments on nomenclature and taxonomy of African birds.

C. B. Ticehurst describes three new Indian birds and D. A. Bannerman, *Galerida cristata whitakeri* (p. 124) from Tunisia and J. D. LaTouche, *Pericrocotus montpellierii* (p. 125) from Yunnan.

British Birds. XV, No. 10. March, 1922.

Observations on the Breeding Habits of the Merlin. By W. Rowan.—Rearing of the Young (continued in April).

The "British Birds" Marking Scheme. Progress for 1921. By H. F. Witherby.

British Birds. XV, No. 11. April, 1922.

History of the Great Crested Grebe in Dumbartoushire. By Alex. Cuthbertson.

Some Breeding Habits of the Sparrow Hawk. By J. H. Owen.—Part IV.

Notes on the Breeding Habits of the Wood Lark in Dorset. By W. J. Ashford.

British Birds. XV, No. 12. May, 1922.

Ornithological Notes from Norfolk for 1921. 28th Annual Report. By J. H. Gurney.

There is an interesting letter from B. B. Riviere giving the velocity of flight of Homing Pigeons in recent flights, ranging from 52 to 82 miles per hour for distances up to 600 miles.

Avicultural Magazine. XIII, No. 1. January, 1922.

The Proposed New Bill for the Protection of Wild Birds by R. I. Pocock.—Well worthy of study by American bird protectionists.

The Breeding of Gang-Gang Cockatoos. By F. G. Hedges.

Avicultural Magazine. XIII, No. 2. February, 1922.

Aviculture in Japan. By N. Taka-Tsukasa.—Extends back 1700 years (continued in March and April issues.)

Avicultural Magazine. XIII, No. 4. April, 1922.

About Birds in North America. By F. E. Blaauw.—A better account of our birds than most of our foreign visitors write, although New York ornithologists will doubtless be surprised at the occurrence of "*Ceryle torquata*" flying overhead near the "Broadpark" Zoo!

Color Change in Golden Plover. By Hugh Wormald.—Is "well aware that Zoologists deny the possibility of color change in old feathers" and makes "no pretense at being scientific" but is satisfied "that not only is it possible but frequently occurs" and *knows* that a Snipe he once kept did so change. Such assertions do not get us very far!

The Emu. XXI, Part 3. January, 1922.

Black-throated Ground-Bird. *Cinclosoma alisteri* (Mathews). By A. J. Campbell.—With colored plate.

Two New Subspecies of Birds. By H. L. White.—*Gymnorhina tibicen eylandtensis* (p. 163); *Gecphaps scripta peninsulæ* (p. 163) from North Territory and North Queensland, respectively.

Notes from the Nullarbor Plain. By F. L. Whitlock.—With several photographs of nests including woodpecker-like holes of the new Naretha Parrot.

Some Birds of Groote Eylandt, Northern Territory. By A. J. Campbell.

Types of the Australasian Genera of Penguins. By R. Stuart-Sutherland.

An Impression of the Birds of Australia. By A. H. Wilson. A visiting ornithologist from Great Britain.—Saw 41 species in three hours time and could have added 11 others had a certain swampy spot been visited. "This is a more fruitful walk (aided by a car) than I think any non-tropical country in the world could rival." But the author is probably unacquainted with the daily lists to be made in almost any part of the eastern United States.

Notes on Petrels washed ashore, West Coast, Auckland Province, N. Z. By R. A. Falls.

The Annual Congress and Camp-out of the R. A. O. U.

Some Remarks on Re-naming Birds and the Rules of Zoological Nomenclature. By A. J. Campbell.—Another protest against "bed-rock priority" and methods of type-fixation which cause changes in familiar names, but no remedy is offered. The author seems unaware that the use of the word "indication" in Art 21 of the International Code has been fully explained and discussed (Science, July 5, 1907, etc).

The Emu. XXI, Part 4. April, 1922.

The Lyre-Bird, *Menura novae-hollandiæ* Latham. By A. J. Campbell.—With colored plate of *M. n. edwardi*.

Prince Edward's Lyre-Bird at Home. By Spencer Roberts.—Photographs of nests.

The Dusky Miner (*Myzantha obscura* Garld). By Edwin Ashby.

Observations and Records of Australian Sea-Birds, 1920-1. By W. B. Alexander.

Papua—The Land of Birds. By A. H. Wilson.

A visit to the Archipelago of the Recherche, S. W., Australia. By A. F. Bassett-Hull.—Consists of an interesting narrative and a list of 24 species.

Birds Observed near Wellington, N. Z., By R. H. D. Stidolph.

On the Skeleton of the Wedge-tailed Eagle (*Uroaetus audax* Latham). By R. W. Shufeldt.

The Austral Avian Record. IV, No. 7. March 7, 1922.

Additions and Corrections to my Check List, 1920. By G. M. Mathews.

An extraordinary Bird Book. By G. M. Mathews and Tom Iredale.—James Jennings' "Ornithologia or the Birds; a Poem in two parts, 1828." A prose supplement contains some new names most or all of which are untenable. Mathews proposes *Dromaius n. gunni* (p. 175) for the bird figured on Pl. 2, Vol. I of his 'Birds of Australia.'

Captain Thomas Brown, Ornithologist. By G. M. Mathews and Tom Iredale.—A review of the publications of this erratic writer.

The South Australian Ornithologist. VI, Part 5.

A Trip to North-West Australia. By A. M. Morgan.

Notes on Birds seen during a Visit to the Western Darling. By A. Chenery.

Revue Francaise d'Ornithologie. XIV, No. 154. February, 1922. [In French.]

Description of a New Mediterranean Species of Falco. By L. Lavenden. *F. blancheti* (p. 212) Sfax, Tunisia (continued in March issue).

L'Oiseau. III, No. 1. January, 1922. [In French.]

The Bronze Starling, *Lamprocorax metallica* (Temm.). By J. Delacour Parroquets of the Group *Platyercus*. By J. Berlioz.

A Nesting of the Cardinal. By A. Decoux.—Regrets that owing to the protecting laws it is impossible to procure Cardinals from the United States and all that reach France are the smaller less hardy Mexican forms.

L'Oiseau. III, No. 3. March, 1922. [In French.]

Experiences of a Naturalist in French West Africa. By Dr. Millet-Horsin.

Ornithologische Beobachter. XIX, Heft 5. February, 1922. [In German.]

The Little Bittern. By H. Noll-Tobler.—With photographic illustrations of nest and young.

- Ornithologische Beobachter.** XIX, Heft 7. April, 1922. [In German.]
The Moor-hen (*Gallinula chloropus* L.) By A. Schifferli.
- Journal für Ornithologie.** 70, No. 1. January, 1922. [In German.]
Review of Saxon Ornithology. By R. Heyder.
On the Avifauna of northern German-Southwest Africa. By H. Grote.
—New forms described: *Eupodotis afroides etoschae* (p. 42); *Dendropicus guineensis stresemanni* (p. 43); *Philetairus socius geminus* (p. 45); *Mirofra sabota waibeli* (p. 46).
On the Invasion of Waxwings in 1920–21. By Tschusi zu Schmidhoffen.
Yearly Review of Bird Observations at Rossitten, (1920). By J. Thiennemann.
The Macedonian Bird-fauna. By O. Fehringer.
- El Hornero.** II, No. 4. April, 1922. [In Spanish.]
The Petrels and Albatrosses of the South Atlantic. By R. Dabbene.
Notes on Subantarctic Birds. By A. G. Bennett.
List of Birds Collected and Observed in Rosas. By Juan B. Daguerre.
—An annotated list of 155 species.
Capture of the Albatross, *Thalassogeron eximius* Verrill in the Province of Buenos Aires. By R. Dabbene.
Birds in South American Folk Lore. By R. Lehmann-Nitsche.
The first Instalment of a Bibliography of Ornithology for 1921, by Hans Secht appears in this issue.
- Tori.** III. No. 12 and 13. March, 1922. [In Japanese.]
A New Genus proposed for the Mikado Pheasant. By N. Takatsukasa and N. Kuroda.—*Neocalophasis*.
On the Moulting of Gulls. By Y. Matsudaira.
Birds of Shizunra, Suruga. By N. Kuroda.
On *Chaunoproctus ferreirostris*. By M. Hackisuka.
Notes on Some Birds from Hachyo Island. By T. Momiyama.
Method of Flight of *Aquila chrysaetos*. By Y. Enomoto.
Birds from Shikoku. By M. Fujita.
Anomalies of egg-marking. By J. Nibe.
Catharacta matsudairae is described as a new species by N. Takatsukasa.

Ornithological Articles in Other Journals.

- Murphy R. C.** The Seacoast and Islands of Peru.—IX. (Brooklyn Museum Quarterly, April, 1922)—The Pescadores and Guañape Isles and their bird-life.
- O'Donoghue, C. H.** A Preliminary Survey of the Biota of a Sand Spit in Lake Winnipeg. (Canadian Field Naturalist, Oct.–Dec., 1921.)
—36 species of birds.

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.