

of birds come to them that we never saw before the trees were there," writes one settler. Others mention the same point and two farmers note that the trees are a protection to poultry against hawks.—W. L. M.

Another Insect Birds Should not Eat.—Proponents of theoretical biology probably never will cease to put on record *suppositions* as to remarkable protective adaptations, but with this premise it should follow that those in possession of pertinent *facts* ought to be at least equally persistent in exploiting them. The instance in mind at the present time concerns the red-humped apple caterpillar (*Schizura concinna*), a black and yellow striped larva with red head and hump, which is highly gregarious, and can spray a liquid containing formic acid—in a word, a form that has about all the attributes of an "especially protected" species. Concerning it the statement has recently been made that "it is not likely that a sparrow or any other small predaceous enemy would repeat an attack on the caterpillar after receiving a quantity of highly irritating secretion in its eyes or mouth."¹ Sparrows usually are not especially important enemies of large caterpillars, but if a protective function of the red-hump's secretion against birds in general is implied by the remark quoted, we must say it is not supported by the facts. The Robin, Olive-backed Thrush, both species of Cuckoos, Ruffed Grouse, and Broad-winged Hawk are known to feed on this caterpillar. As to risking a second experience with the red-hump's spray it must be said that no fewer than 11 of these larvae have been found in a single stomach of the Broad-winged Hawk, 12 in that of a Black-billed, and 25 in that of a Yellow-billed Cuckoo. As the red-hump is a noteworthy pest of apple-trees all of the birds mentioned deserve credit in an economic sense also for feeding on the insect.—W. L. M.

The Ornithological Journals.

Bird-Lore. XXV, No. 2. March-April, 1923.

Two Nest-Studies of McCown's Longspur. By A. D. DuBois—Illustrated by admirable photographs.

The Nest on the Rain-Pipe. By P. C. Samson.—Detailed study of a Robin's nest.

Some Robins and their Nests. By Edw. R. Warren.

Love of Home is Characteristic of Robins. By E. H. Eves.

Ducky, an Orphan Robin. By Jessie Ferguson.

A Story of an Albino Robin. By F. M. Tuttle.

Cardinal Friendships.—Two accounts of attachment of captive Cardinals for their owners.

The migration table treats of the Orchard Oriole with a plate by Fuertes.

April in the Marshes, by A. A. Allen, in the School Department, is an admirable article with beautiful illustrations.

¹ Detwiler, J. D., Can. Ent. 54, No. 8, Aug., 1922, p. 187.

The Condor. XXV, No. 2. March-April, 1923.

The Fulvous Tree-Ducks of Buena Vista Lake. By D. R. Dickey and A. J. Van Rossem.

William W. Price. By Walter K. Fisher.—An appreciative sketch of this well known California field naturalist who died November 9, 1922.

Black Wing-tips. By C. K. Averill.—The author argues that black feathers are less subject to wear than white and the exposed outer webs and tips are for that reason often black.

Random Notes on Alaska Snow Buntings. By G. Dallas Hanna.

The Wilson Bulletin. XXXV, No. 1. March, 1923.

Frontispiece photograph of the A. O. U. at Chicago.

Conditions of the Breeding Game Birds in North Dakota; Expedition of the Chicago Academy of Sciences. By F. M. Woodruff.—Numerous photographs.

Summer Birds of the Les Cheneaux Islands. By J. Van Tyne.

Notes from the Tennessee Cumberlands. By A. F. Ganier.

Random Notes from Arkansas. By H. E. Wheeler.

Some Michigan Bird Records. By Walter Koeltz.

Nesting of the Sharp-shinned Hawk. By A. F. Ganier.—Near Nashville, Tenn., a furthest south record.

The Oölogist. XL, No. 4. April, 1923.

Nesting of the Solitary Sandpiper. By A. D. Henderson.—In an old Robin's nest, apparently in Alberta though no locality is given.

Wheatland, Wyo., Birds. By J. A. Neilson.—An annotated list.

Bulletin Essex Co., [Mass.] Ornithological Club. 1922.

The Music of the Golden-eye. By Charles W. Townsend.

The So-called Suicide of Wounded Water Birds. By E. H. Forbush.

Game and Shore Birds in Essex County, Mass., 1922. By John C. Phillips.

The Ipswich River Bird Trip. By Ralph Lawson.

The Bay-breasted Warbler on Mt. Monadnock, New Hampshire, in Summer. By Charles L. Whittle.

Concerning the Field Identification of the Barrow's Golden-eye. By Arthur P. Stubbs.

An Annotated List of Birds Observed by the Members of the Essex County Ornithological Club. 1922.

The First Year of the New England Bird Banding Association. By Lawrence B. Fletcher.

There are several local notes including an alleged occurrence of the Western Grebe at Ipswich Beach. The observer's notes made at the time were "Loon? *White* neck and sides, light bill," and although over two pages are devoted to an identification of this bird with Chapman's two line description of the Western Grebe we agree with the writer that "others will be reluctant to consider such an identification as constituting

a primal record." In these days when we are trying to minimize the collecting of specimens by making our sight records as accurate as possible and publishing only those based on most convincing and adequate observations it is hard to find warrant for such a publication.

The Ibis. (11 series) V, No. 2. April, 1923.

The Fossil Eggs of Bermudan Birds. By Casey A. Wood.

Recent Notes on the Arabian Ostrich. By R. E. Cheesman.

Some Remarks on Palaearctic Goshawks. By Einar Lönnberg. (see antea p. 551).

Supplementary Notes on Some Birds from Western Australia and from Dirk Hartog Island. By Thomas Carter.

A Comparison between Mr. E. C. Stuart Baker's Revision of the Genus *Gennaeus* and that of Mr. W. Beebe in his 'Monograph of the Pheasants.' By Rose H. Thomas.

A Note on the Classification of Certain Indian Birds. By B. B. Osmaston.

The Birds of Sind. By C. B. Ticehurst.

Notes on the Systematic Position of *Ortyxelus*, together with Some Remarks on the Relationships of the Turnicomorphs and the Position of the Seed-Snipe (Thinocoridae) and Sand Grouse. By Percy R. Lowe.—*Ortyxelus* proves to be related to the Turnicidae rather than to the Cursoriidae, while the former group seems to be associated with the Sand Grouse and Pigeons though more ancient and generalized than either. The curious Seed-Snipe of the Andes he considers must be placed at the base of the Charadriiformes as the Turnicidae are at the base of the Columbiformes or that they, along with the Turnicidae and Pteroclididae, are to be regarded as surviving offshoots of an ancient group, now extinct, from which sprang the now dominant, Pigeons, Plovers and Fowls. There is a detailed consideration of the pterylography, osteology, etc. of *Ortyxelus*, in this most important paper.

On the Birds of Southeast Yunnan, S. W. China. By J. D. La Touche.

Bulletin of the British Ornithologists' Club. CCLXXV. January 29, 1923.

D. Bannerman describes *Hirundo senegalensis saturator* (p. 85) Gold Coast.

N. Kuroda proposes seven new races of Japanese Birds.

Bulletin of the British Ornithologists' Club. CCLXXVI. March 5, 1923.

H. Lynes describes five new races of birds from Darfur and exhibited the recently discovered eggs of *Ortyxelus maffreni* which were distinctly Turniciform in character (cf. Lowe above). He also cancelled his recently described *Amadina fasciata furensis* which proves to be the first plumage of *A. fasciata*, and *Prionops concinnata ochracea*, the characters of which are not constant.

J. D. La Touche describes five new Chinese birds and N. Kuroda eight from Japan.

Percy R. Lowe proposes *Paradisea apoda luptoni* (p. 110) for a skin of unknown locality, intermediate in color between *raggiana* and *novaeguineae*.

Bulletin of the British Ornithologists' Club. CCLXXVII. March 29, 1923.

Lord Rothschild calls attention to the fact that the intermediate Bird of Paradise recently named by Dr. Lowe had long been known and was clearly a hybrid between the two forms mentioned by the describer. These hybrids occurred in large numbers and seemed to differ in character from ordinary isolated hybrids and he proposed for such forms the term "racial hybrid" as suggested by Dr. Lowe.

Lord Rothschild and Dr. Hartert propose *Madanga* (p. 117) *ruficollis* (p. 118) for a new bird from Buru allied to *Zosterops*.

Dr. Hartert also describes *Argya aylmeri loveridgei* (p. 118) Mt. Kenya, Africa; Robinson and Kloss, *Pericrocotus brevirostris annamensis* (p. 119) Dalat, Annam; J. D. La Touche, *Passer rutilans yunnanensis* (p. 120); S. E. Yunnan and N. Kuroda five additional Japanese birds.

British Birds. XVI, No. 10. March 1, 1923.

Migrations of Some British Ducks; Results of the Marking Method. By A. Landsborough Thomson.—Records covering 17 years and which therefore are sufficiently extensive to furnish important results. One of these is that some Mallards and other species hatched in Great Britain are found next year in a totally different area, presumably accompanying winter residents to a farther north breeding ground.

The 'British Birds' marking scheme. 1922. By H. F. Witherby.

British Birds. XVI, No. 11. April 2, 1923.

Recent observations on some Irish Breeding Birds. By C. V. Stoney.

British Birds. XVI, No. 12. May 1, 1923.

Field Notes on the Nesting of Divers. By N. Gilroy.

On the Specific Name of the Common Guillemot. By F. C. R. Jourdain.—Demonstrates clearly that *Uria troille* (L.) is based on a Brunnich's Guillemot and therefore the name becomes a synonym of *U. lomvia* and *U. aalge* Pontop. becomes the name of the Common Guillemot.

In a paper immediately following H. F. Witherby shows that true *U. aalge* is the breeding bird from N. E. America, Iceland, and Scandinavia but that the bird of the British Isles is distinct and he names it *U. a. albionis*. (p. 324).

The Avicultural Magazine. (4th series). Vol. 1. Nos. 1 to 4, January to April, 1923.

With heavier paper and numerous plates the fourth series of this journal makes a fine showing. No. 1 contains the first part of a work on Aviculture to appear simultaneously in this journal and 'L'Oiseau.' This

part covers housing. There is a colored plate of finches and weavers and one of *Thalwanania furcata*. No. 2 has a paper on Birds of Paradise and Bower Birds by D. Seth. Smith with a plate showing several species in display. No. 3 contains 'The Crow Tribe' by G. B. Meade-Waldo and No. 4 'The Drangos, Starlings, Grackles and Troupials' by J. De la Cour with a plate of several species and another of Paradise Birds.

The Emu. XXII, Part 4, April, 1923.

Tree-creepers of the genus *Climacteris*. By A. J. Campbell.

Notes on the Pied-bill Magpie, (*Sterpera graculina*). By H. L. White.

A Trip to the Fortesque River and Hamersky Ranges N. W. Australia. By F. L. Whitlock.

Birds of Lake Frome District. By J. Neil McGilp.

The Small Birds of the Granite Belt. By Spencer Roberts.—With some beautiful nest photographs.

Notes on the Tawny Frogmouth (*Podargus strigoides*). By Donald F. Thomson.—Interesting photographs of young.

Notes on Birds Observed at Sea. By Tom Carter.

Interesting Conduct of the Southern Stone-Plover (*Burhinus magnirostris*). By W. Macgillivray.

Private Collecting. By A. H. Chisholm.—This is a criticism of Mr. Ashby's paper (Emu Vol. 22, p. 210) and at once plunges Australia into the controversy that has long waged in America for and against private collecting.

The South Australian Ornithologist. VII, Part 2, April, 1923.

S. W. Australian Birds. By F. E. Parsons.

Cuckoo Eggs. By J. Neil McGilp.—Argues that the Fan-tailed Cuckoo (*Cacomantis*) deposits its egg in the nest of *Sericornis* with its bill.

A Trip to Southeastern Australia. By J. Sutton.

El Hornero. III, No. 1, February, 1923. [In Spanish.]

The Petrels and Albatrosses of the South Atlantic. By R. Dabbene.

Descriptions of two New Birds from N. W. Argentina. By Charles Chubb.—*Pseudosicalis stewarti* (p. 34). Catamanca, and *Notiocorys bogotensis shiptoni*. (p. 34) Aconquiya. With a colored plate.

Notes on the Birds of Santa Elena. By P. Serie and H. Smyth.

Notes on *Anthus antarcticus*. By R. C. Murphy.

Observations on Ornithological Pathology. By C. A. Morelli and F. A. Ubach.

Systematic Catalogue of the Birds of the Province of La Rioja. By E. Giacomelli.

Biological Notes on Some Birds of Santa Fe. By A. S. Wilson.

Tori. III, No. 14, March, 1923. [In Japanese.]

Birds in the Vicinity of Shizuura, Suruga. By N. Kuroda.

On the Migration of Some Waders near Wakayagi, Pref. Miyagi. By S. Kumagai.

Notes on Birds from Oshima, Prov. Izu. By T. Momiyama.
History of Birds (1). By K. Wada.

Revue Francaise d' Ornithologie. No. 167, March 7, 1923. [In French.]

The Retina of Diurnal Birds of Prey. By P. Portier.
Some Birds Observed in the Alps. (Cont'). By H. Jouard.

Revue Francaise d' Ornithologie. No. 168. April 7, 1923. [In French.]

Observations on some Modifications of Plumage Produced by Captivity.
By Bailly-Maitre.

The Larks of Northeast Africa. By A. Blanchet.

Revue Francaise d' Ornithologie. No. 169, May 7, 1923. [In French.]

The Birds of the Isle de Riou. By H. de Balsac.

L'Oiseau. IV, No. 2 and 3. February and March, 1923. [In French.]

As explained above many of the articles are identical with those in 'The Avicultural Magazine.'

Ornithologische Monatsberichte. 31, No. 2, March-April, 1923. [In German.]

A New *Phylloscopus* from Szetschwan. By E. Stresemann.—*P. pseudus* (p. 30).

East Palaearctic Migrants in Cameroon. By H. Grote.

Notes on Nomenclature of Indo-Australasian Birds. By E. Stresemann.
In a Review of Chapin's paper on *Steganura*, Grote describes *S. paradisaea togoensis* (p. 34) from Togo.

Ornithologische Monatsberichte. 31, No. 3, May-June, 1923. [In German.]

Is the Song of the Chaffinch Inherited or Acquired? By W. Hagen.
New Birds for Java. By M. Bartels.

In the 'Notes.' H. Grote describes *Crinifer africanus obscuratus* (p. 63) Cameroon.

Ardea. XI, Af. 2-3. 1922. [In Dutch.]

The Moult of *Uria troille* and *Alca torda*. By Jan Verway. [In English.]

Yearbook of the Netherlands Ornithological Club. 13, Af. I. 1923. [In Dutch.]

On Netherlands Birds Overseas. By Snouckaert.

Observations at Sea in the Indian Archipelago.

Mareca americana. A New Duck for the Netherlands Fauna. By C. Eykman.

Ornithologische Beobachter. XX, No. 5. February, 1923. [In German.]

Holidays in Texel. By J. Schinz—Account of the Bird Life—continued in Nos. 6 and 7.

Bird Migration in the Alps. By K. Bretscher.

Ornithologische Beobachter. XX, No. 6, March, 1923.

Bird Life as Reflected in the Poems of Dante. By H. Siegrist.—continued in No. 7.

Ornithological Articles in Other Journals.¹

Evermann, Barton M. The Pelicans of Pyramid Lake. (Overland Monthly, May, 1923.)—An account of securing the material for the group in the California Academy.

Meinertzhagen, Annie C. The Subspecies of the Dunlin, (Scottish Naturalist, January–February, 1923.)—Confirms Schiöler in recognizing three races in Europe. *E. a. arctica* Schiöler is the breeding bird in east Greenland.

McMilliam, Rev. J. M. Notes on Some of the Birds of Buteshire and Ayrshire (Ibid., March–April, 1923).

Criddle, Norman. The American Magpie in Manitoba. (Canadian Field Naturalist, February, 1923.)

Lloyd, Hoyes. Observations on the Wintering Flocks of Canada Geese in Nova Scotia. (Ibid.)

Beaupre, Edwin. The Short-billed Marsh Wren. (Ibid., April, 1923.)

Kermode, F. Notes on the Occurrence of the Plumed Egret (*Meso-phoyx intermedia*) in British Columbia. (Ibid.)—A specimen obtained at Burrard Inlet, May, 1879 by an Indian and long regarded as the Snowy Egret proves to be this species.

Thacker, Mr. and Mrs. T. L. Bird Notes made at Vaseaux Lake, South Okanagan, B. C. (Ibid.)

Munro, J. A. Winter Bird Life at Okanagan Landing, B. C. (Ibid.)

Munro, J. A. A Preliminary Report on the Relation of Various Ducks and Gulls to the Propagation of Salmon. (Ibid., May, 1923.)

Munro, J. A. The Pileated Woodpecker. (Ibid.)

Snyder, L. L. and Baillie, J. L. Notes on the Birds and Mammals of Brent and Vicinity, Ont. (Ibid.)

Hare, H. L. Random Notes from Nyasaland and Elsewhere. (South African Jour. of Nat. Hist., January, 1923.)

Carlisle, J. S. Rare South African Birds' Eggs. (Ibid.)

Godfrey, R. The Birds of Somerville. (Ibid.)—In the East Cape Region.

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.