

Every one of his statements on this matter is shown to be absolutely wrong and based upon lack of knowledge of the facts, as is so frequently the case where "game protectors" discuss the economic value of other species.

Wetmore, Alexander.—An Oligocene Eagle from Wyoming. (*Smithson. Misc. Colls.*, Vol. 87, No. 19, December 26, 1933.)—*Palaeoplancus sternbergi* (p. 1).—Somewhat similar to *Aquila* and the larger species of *Buteo*.

Wetmore, Alexander.—Pliocene Bird Remains from Idaho. (*Smithson. Misc. Colls.*, Vol. 87, No. 20, December 27, 1933.)—*Pelecanus halieus* (p. 3), and *Chen pressa* (p. 9), are described as new.

Wetmore, Alexander and Lincoln, F. C.—Additional Notes on the Birds of Haiti and the Dominican Republic. (*Proc. U. S. Nat. Mus.*, Vol. 82, Art. 25, 1933.)—An account of a field trip by the authors, March to May 1931, with a well annotated list of species observed and with special lists for Isle a Vache and Beata Island. Two new forms were discovered on this expedition both of which the authors have previously described i. e. *Phaenicophilus poliocephalus tetraopes* and *Microligea palustris vasta*. There are a number of photographs of the region traversed.

Walker, Lewis Wayne, and Young, A. Spotswood. Humming-bird Haven. (*Natural History*, March–April, 1934.)—An interesting account of photographing Hummingbirds and their nests in southern California, with excellent illustrations. Curiously enough we fail to find in the text any mention of the species studied but as two of the photographs are labelled "Costa Hummingbird" we presume that that was the one, although three species are mentioned as being present.

The Ornithological Journals.

Bird-Lore. XXXVI, No. 1. January–February, 1934.

Familiar Birds in Their Winter Homes. By Alexander F. Skutch.—Interesting account of the winter birds of several localities in Central America.

Help the Bluebirds. By T. E. Musselman.—Modern tree culture has deprived the Bluebirds of their natural nesting places in holes in dead trunks, while intensive agriculture has done away with rail fences, another nesting site. Suggests putting up Bluebird boxes of a type found very satisfactory and which is described in detail. Of 22 boxes erected last year 18 were occupied and 88 of 93 young matured.

The Christmas bird census takes up most of the number. Cape May, N. J., and the Bronx Region, N. Y., led in the East with 96 species each, and Santa Monica, Calif., in the West, with 156.

The Veery and Some of his Family are discussed by Dr. A. A. Allen in his usual attractive style.

The Condor. XXXVI, No. 1. January–February, 1934.

A New Species of Hummingbird, Genus *Chaetocercus*, from Eastern

Ecuador. By Robert T. Moore.—*C. cleavesi* (p. 1) Baeza, Ecuador. With a color plate from a painting by W. A. Weber.

Field Observations from Echo Lake California. By Dudley S. De Groot.

Some Early Summer Food Preferences of the American Raven in South-western Oregon. By A. L. Nelson.—A wide range of food of which young rabbits formed the largest item, 34%.

In Memoriam: George Freaan Morcom. By Harry S. Swarth.

An Abnormal Little Flycatcher. By Walter W. Bennett.—A partially albinistic female with a normal male reared one normal young; two eggs proved infertile.

Remarks on the Proposed Races of *Squatarola squatarola* and Comments on the Nomenclature. By James L. Peters.—Considers that from a study of material now available there is only one form of the Black-bellied Plover. The names applied to the Siberian bird are discussed in detail.

A Fossil Quail from Nebraska. By Alexander Wetmore. *Crytonyx cooki* (p. 30).

The Wilson Bulletin. XLV, No. 4. December, 1933.

Ways of the Black Skimmer. By Ivan R. Tomkins.

A Ten-year-old Cardinal. By A. F. Ganier.—A banded bird.

Experiments on the Digestion of Food by Birds. By James Stevenson.—First voided excrement in certain passerine birds, from a full stomach, appears in an hour and a half; the last in two hours and a half. Some grain feeding birds consume daily 9.6 times their weight. The survival time of small passerine birds without food is relatively short, even in favorable temperature.

The Breeding Birds of Ashtabula Co., Ohio. By Lawrence E. Hicks.

The Cardinal. III, No. 7. January, 1934.

The Future of the Ecology of Pymatuning Swamp. By M. Graham Netting and William R. Van Dersal.—Due to flooding a large part of the swamp by converting it into a reservoir.

The American Egret in Summer. By Bayard H. Christy.

Bird-Banding. V, No. 1. January, 1934.

The Migratory Movements of Certain Colonies of Herring Gulls in Eastern North America. By R. J. Eaton.

Distribution and Seasonal Movements of the House Sparrow. By John T. Nichols.

Nest Distribution and Survival Ratio of Tree Swallows. By Seth H. Low.

Observations of the Nesting Habits of the Black and White Warbler. By W. P. Smith.

Shorebird Banding on Cape Cod. By Maurice Broun.—Fourteen species, 2759 individuals, trapped, during 47 days.

Bluebird Studies on Cape Cod. By Seth H. Low.

The Oölogist. L, Nos. 10-12. October-December, 1933.

Crow Slaughter (October and November). A photograph of 5000 Crows feet is published which were accepted as admissions to a motion picture house at Camrose, Alberta, in an effort to check "the destruction of many thousand eggs of water fowl and waders," according to the editor. We are still unconvinced that Crow destruction is warranted except in definite instances. Destruction of water fowl eggs has been mainly if not entirely restricted to our Atlantic coast where the culprit is the Fish Crow.

The Piping Plover. By P. B. Peabody. Nesting at Devil's Lake, N. D. **The Nebraska Bird Review.** II, No. 1.

Twenty-one Years of Bird Study at Red Cloud, Neb. By J. M. Bates. The 1933 Migration Season.—An excellent review.

There is an extended obituary notice of the late Robert H. Wolcott.

Iowa Bird Life. III, No. 4. December, 1933.

Iowa's Vanished Hosts. By E. D. Nauman.—Deals with the Passenger Pigeon.

The Early Iowa Bird Magazines. By Fred J. Pierce.

The Migrant. IV, No. 4. December, 1933.

Notes on the Painted Bunting at Memphis. By Ben B. Coffey.

Notes on Duck Hawk Nestings. By F. M. Jones.

Many local notes on Tennessee birds.

The Gull. XV, Nos. 10-11. October and November, 1933; XVI, Nos. 1 and 2. January and February, 1934.

Birding around Salt Lake City, Utah. By C. W. Lockerbie. (October.)

Christmas Censuses for San Francisco and Yosemite (January).

Census of Oakland Water Fowl (February).

Numerous notes on San Francisco birds.

The Raven. IV, Nos. 10-11 and 12. October-December, 1933, and V, No. 1. January, 1934. (Mimeographed.) Virginia bird notes.

Summer Birds of Mountain Lake. By R. F. Carroll. (October.)

A Sketch of the Water Fowl Population of the Potomac River During the Fall. By W. B. McIlwaine, Jr. (December.)

The Flicker. V, No. 4; VI, No. 1. December 1933 and January, 1934. (Mimeographed.)

Bird notes from Minnesota.

Snowy Egret. VIII, No. 2, Winter, 1933. (Mimeographed.)

Bird notes from Michigan, including several excellent lists.

News from the Bird Banders. VIII, No. 4. November, 1933. (Mimeographed.)

Bird banding data from southern California including a paper on 'The Homing Instinct.' By E. L. Sumner, Jr.

Saint Louis Bird Club Bulletin. III, No. 2. February, 1934. (Mimeographed.)

St. Louis, Missouri, notes.

The Night Heron. I, Nos. 1 and 2. January and February, 1934.

(Mimeographed.)

St. Louis, Missouri, bird notes.

The Ibis. (13th ser.). IV, No. 1. January, 1934.

Lynes-Vincent Tour in Central and West Africa in 1930-31. Part II. By H. Lynes and W. L. Sclater.

The Relation Between Plumage and Environment with Special Reference to the Outer Hebrides. By R. Meinertzhagen.—Points out many instances of dark colored birds in regions of light rainfall and vice versa, and suggests that rainfall has perhaps nothing to do with depth of color of plumage but that possibly the action of the ultra violet ray may be responsible, and that saturated atmosphere may affect the strength of the latter.

In the outer Hebrides the rainfall is lighter than in western Scotland and Ireland but many of the birds are darker. Four of these dark races are here separated as distinct subspecies.

Birds of the Southern Sahara and Adjoining Countries in French West Africa Part II. By George L. Bates.

An Unusual Goose of the Type *Anser neglectus* in Scotland. By John Berry.

Review of Two African Species—*Cyanomitra olivacea* and *Batis molitor*.—By Jack Vincent.—Distribution of races discussed and four new subspecies of the former are described.

A Contribution to the Ornithology of Chinese Turkestan Part IV. By F. Ludlow and N. B. Kinnear.

The Birds of Northern Portuguese West Africa Part II. By Jack Vincent.

The Desert Element in the Avifauna of the Astrachan Steppes. By K. A. Vorobieff.

On the Dates of Pallas's 'Zoographia Rosso-Asiatica.' By C. D. Sherborn.—Confirms the dates of 1811 for volumes 1 and 2 and 1814 for volume 3.

In Short Notes *Larus taimyrensis armenicus* (p. 171) is described as new from Lake Gokcha, Transcaucasia, by S. A. Buturlin.

Bulletin of the British Ornithologists' Club. No. CCCLXXIII. January 1, 1934.

Major Hingston discussed 'The Meaning of Animal Colour and Adornment.' He contended that color and adornment were directly connected with the threatening attitude of fighting, and not with sex attraction, and explained molt as a change corresponding to the change from an aggressive bird at breeding time to a passive one in winter (cf. A. A. Allen *antea* p. 180.)

G. Carmichael Low described a visit to Shetland and Orkney.

There are reviews of the African races of *Falco tinnunculus* and *Milvus migrans* by C. Grant and Mackworth Praed.

Finn Salomonsen describes three new races of birds from the Moluccas.

Bulletin of the British Ornithologists' Club. CCCLXXIV. January 27, 1934.

W. L. Sclater reviewed the forms of *Sigmodus scopifrons* and C. B. Ticehurst described *Phylloscopus armandii perplexus* (p. 96) from south-

western Szechuan, and J. Delacour proposes *Pitta soror petersi* (p. 97) for *P. s. intermedia* preoccupied.

British Birds. XXVII, No. 7. December, 1933.

Vipers Preying on Young Birds. By M. V. Wenner.—With photographs showing the attack of the snake and the swallowing of its victim.

Territory Reviewed. By David Lack.—A lengthy discussion in which the author claims "that so far sufficient evidence has not been adduced to show that territory is a general law of bird life, and that there is no proof that territory is of food value, nor is an important factor in the prevention of overcrowding."

British Birds. XXVII, No. 8, January 1, 1934.

On the Breeding Habits of the Puffin. By R. M. Lockley.—Illustrated.

Obituary: Ernst Johann Otto Hartert. By H. F. Witherby and F. C. R. Jourdain.—With portrait.

British Birds. XXVII, No. 9. February, 1934.

Recovery of Marked Birds.

On Some Breeding Habits of the Pied Flycatcher. By C. V. Llewelyn.

Breeding Habits and Numbers of Kingfishers in Renfrewshire. By R.

L. Brown.

The Oologists' Record. XIII, No. 4. December 1, 1933.

December in the Argentine Pampa. By C. F. B.

Some Observations on the Nesting of the Stone Curlew (*Burhinus oe. oedicnemus*). By D. Nethersole-Thompson.

The Avicultural Magazine. XI, No. 12 and XII, Nos. 1 and 2.

Notes on New Zealand Birds. By Sydney Porter. (December and January.)

Some Notes on a Collecting Trip in Kenya. By C. S. Webb. (January.)

Notes from a Chicago Aviary. By Karl Plath.—An illustrated account of the author's collection. (February.)

There are colored plates of *Eupetomena macroura* and *Chrysolampis mosquitus* (December) and *Cinnyris venustus falkensteini* and *Drepanorhynchus reichenowi* (January), and the usual valuable information about breeding birds in captivity.

The Emu. XXXIII, Part 3. January, 1934.

This issue is mainly devoted to the thirty-second Annual Congress of the R. A. O. U., held at Sydney, October 23–24, 1933, followed by the usual Camp-out held this time at Moree, New South Wales. Some forty members attended and were cared for in twenty sleeping tents and a dining tent. 142 species of birds were observed of which there is an interesting account by C. E. Bryant, illustrated by sixteen photographic bird pictures taken during the camp.

The address of the retiring president, Mrs. Perrine Moncrieff, deals with 'Birds in Relation to Women' and is an admirable, and we think unique, summary of the subject, tracing woman's association with birds in pagan times and from the middle ages to the present, in matters of

dress, ornament and food; as pets, in falconry and in writings; by women—a paper well worth reading by members of the other “Ornithologists’ Unions”—both women and men!

Other articles are:

Grey-headed Robin (*Heteromyias cinereifrons*). By George Mack; with a color plate from painting by Cayley.

The Food of *Platycercus eximius* and *P. elegans*. By A. E. Bridgewater.

Notes on the Large-tailed Nightjar. By A. J. Marshall.

On the Potentiality of Guano Production in Australia. By A. H. E. Mattingley.

The South Australian Ornithologist. XII, Nos. 4 and 5. October, 1933, and January, 1934.

A Great Flight of the Mutton-Bird (*Puffinus tenuirostris*). By J. Sutton. (October.)

The Nesting of the Pained Snipe (*Rostratula australis*). (January.)

Also numerous local lists for South Australia.

Alauda. III, No. 3. July–September, 1933. [In French.]

First Mention and Original Descriptions of Certain Birds of the Province of Quebec. By D. A. Dery.—An interesting historical résumé; read at the Quebec meeting of the A. O. U.

On Some Aspects of Avian Psychology. By Maurice Thomas.—Discusses migration, the refraction of light rays, the instinct of aquatic birds, etc.

The Parroquets of the Genus *Psittacula*. By R. Snouckaert van Schauburg.—A systematic review of thirty-five forms recognized by the author.

Contributions to the Ornithology of Russia. V. The Geographic Variation of *Strix aluco*. By G. Dementieff.—*S. a. siberiae* (p. 339) from Tobolsk, western Siberia, is described as new.

Notes on Certain Corvidae. By Noel Mayaud.—A monographic consideration of *Coloelus monedula*, and *Pica pica* as they occur in France.

On the Systematic Position of “*Bubo*” *doerrisi* Seebohm. By G. Dementieff.—Should be known as *Ketupa zeylonensis doerrisi*.

L’Oiseau. III, No. 4. 1933. [In French.]

Revision of the Genera *Euplectes* and *Vidua* (Continued). By J. Delacour and F. Edmond-Blanc.

Systema Avium Rossicarum. By S. A. Buturlin and G. P. Dementiev (Continued).—This review of the birds of Russia begins the Passeres in this issue.

A Critical Note on the Subspecies of *Goura victoria*. By E. Mayr and J. Berlioz.—*G. victoria victoria* and *G. v. veccarii* are the two recognizable forms.

The Birds of Kwangsi. By K. Y. Yen.—Continued.

New Geographic Races of *Passer montanus* from Central Asia. By W. Stachanow.—*P. m. pallidissimus* (p. 789) Harma Bourong, eastern Tzaidam; *P. m. gobiensis* (p. 790) southern Gobi.

Critical Revision of the Hummingbirds of the Genus *Saucerottia*. By J. Berlioz.—Twenty-four forms recognized, arranged in nine species.

Many local notes.

Journal für Ornithologie. LXXXII, Heft 1. January, 1934. [In German.]

On the Natural History of the Song Sparrow. By Margaret M. Nice.—(Concluded).

Ornithological Observations on an Argentine Estancia. By H. Krieg.

There is also a tribute to the late Ernst Hartert and an account of the annual meeting of the German Ornithological Society. Cf. also p. 264 *antea* for notice of Sonderheft.

Ornithologische Monatsberichte. XLII, No. 1. January, 1934. [In German.]

A Contribution to our Knowledge of the Bird life of the Bulgarian Mountains. By Bernhard Rensch.

On Species Hybrids in Palaearctic Sparrows. By W. Meise.—*Passer d. domesticus* × *P. m. montanus*; and *P. hispaniolensis* × *P. domesticus*.

New forms are described as follows: *Parisoma lugens clara* (p. 16) Matengo Highlands, and *Ploceus aureoflavus reicherti* (p. 16) Mbamba-Bai, German East Africa, both by W. Meise. *Pachycephala pectoralis neuhausi* (p. 24) Island of Sinabiet, Lihir Archipelago, by E. Stresemann. *Xema sabini palaeartica* [sic] (p. 25) Taimyr-See, by B. Stegmann.

Der Vogelzug. V, No. 1. January, 1934. [In German.]

On the Physiology of the Migratory Movement. By H. Schildmacher. The Mass Invasion of Waxwings in Middle Europe in 1932-33.

The 1933 Stork Experiments at Rossiten. By Ernst Schütz.

Beiträge zur Fortpflanzungsbiologie der Vögel. X, No. 1. January, 1934. [In German.]

Observations of the Little Rail *Porzana parva*. By Paul Ruthke.

The Pairing and Breeding Biology of the Penduline Titmouse (*Remiz pendulinus*). By Otto Steinfatt.

Breeding Notes from the Writings of N. A. Sarudny. By H. Grote.

Le Gerfaut. XXIII, Fasc. 3 and 4. 1933. [In French.]

Ornithological Observations in Belgium from May 1932 to May 1933. Compiled by G. van Havre (Fasc. 3).

On the Avifauna of the Basin of Angara [eastern Siberia]. By W. N. Scalon, and A. A. Sludsky (Fasc. 4).

Der Ornithologische Beobachter. XXXI, Heft. 3, 4 and 5. December, 1933, January and February, 1934. [In German or French.]

On the Avifauna of the Camargue. By Hans Hess.—Another contribution to this favorite subject. (December.)

On the Bird Life of Mallorca. By Dr. Lenz. (January.)

Winter Observations for 1933 in Neeracherried, Zurich. By Julie Schinz.

Ardea. XXII, Af. 3-4. December, 1933. [In Dutch, German or English.]

On the Theory of Flight Lines. By Geyr von Schweppenburg. [In German.]

On the Breeding Colonies of the Black Tern (*Chlidonias n. niger*) in Holland. By Fr. Haverschmidt.—With excellent photographs.

Cyornis caerulata albiventer (p. 105)—A new subspecies from Sumatra. By G. C. A. Junge. [In English.]

Ornithological Observations in the Camargue. By G. J. van Oordt and A. A. Tjittes.—Still another contribution to this subject with a list of all species hitherto recorded and a bibliography of some of the published papers. [In English.]

Caterpillar-eating and Caterpillar Extermination by Birds. By Aug. Spennemann. [In German.]

Organ of the Netherlands Ornithological Club. VI, No. 3. January, 1934. [In Dutch.]

Bird Migration over the Netherlands. By W. H. van Dobben and G. F. Makkink.

A Consideration of Wing Formulae. By C. Eykman.—With diagram showing method for graphic indication.

On *Pristorhamphus*. By Mr. Dr. R. C. E. G. J. Baron Snouckaert van Schauburg.

Also many notes on birds of the Netherlands.

Ornis Fennica. X, No. 3-4. July-December, 1933. [In Finnish or German.]

Migration in Mallards.—Further account of the Mallards hatched in Finland from English eggs (where the bird is resident) and which behaved as typical migratory birds, leaving Finland and many of them returning the following year. Some were taken in the winter in France and other parts of western Europe. [In German.]

Bird Constancy of two Groves with Remarks on the Brood-return Theory and on the Quantative Method of Taking a Bird Census. By P. Palmgren. [In German.]

Danske Fugle. IV, No. 28, 1933. [In Danish.]

The Storks of Denmark. By P. Skovgaard.—An illustrated article on *Ciconia c. ciconia* in Denmark.

Duck Banding in the Province of Leningrad. By G. Doppelmair.