

Recommendations for its Conservation and Management. (California Fish and Game, Vol. 21. No. 3-4, 1936. Price 25 cts.)—An admirable report on this important game bird, setting forth the life history, in great detail, its habitat and the plants that should be maintained as food. Enemies of the Quail are also considered. Predatory birds are found to be useful in keeping rodents in control and only Cooper's and Sharp-shinned Hawks are found to catch Quail and even in the case of these species the value they do in controlling seed-eating Sparrows which threaten the food supply of the Quail balances any destruction to the latter birds. So is the conservation problem complicated far beyond the knowledge or intelligence of the average Legislature which frames our game laws! Mr. Sumner has done an excellent service in preparing this report which should be a guide and help to all interested in this beautiful game bird.

van Rossem, A. J.—Description of a Race of *Myiarchus cinerescens* from El Salvador. (Trans. San Diego Soc. Nat. Hist., VIII, No. 16, March 12, 1936.)—*M. c. flavidior* (p. 116) Lake Olomega.

van Someren, Vernon D.—Territory and Distributional Variation in Woodland Birds. (Scottish Naturalist, March-April, 1936.)—A wood in Midlothian with fifteen resident species and ten migrants or casuals was the scene of the study.

Waterson, George.—Bird Notes from Fair Isle. (Scottish Naturalist, May-June, 1936.)

Williamson, W. Adrian.—Mangroves and Mystery. (American Forests, February, 1936.)—Bird Life in the Everglades National Park, with excellent photographs.

The Ornithological Journals.

Bird-Lore. XXXVIII, No. 2. March-April, 1936.

In the Hauts of the Heron. By Herbert Ravenel Sass.—A delightful sketch of bird life on the South Carolina coast with illustrations by Peterson.

Sketch of the late Warren F. Eaton with portrait.

Naturschutz in Germany. By Aldo Leopold.—A most important article especially in its relation to predator control. The Eagle Owl which had been exterminated is actually being replanted in one of the national parks!

The 'Timber-Doodle.' By Alfred M. Bailey.—A word on the Woodcock with two excellent photographs.

Wild Life and Erosion Control. By H. H. Bennett.

The Junior Bird Club. By Kenneth D. Morrison.

There is a leaflet on the Bluebird by Roger T. Peterson.

Bird-Lore. XXXVIII, No. 3. May-June, 1936.

Puffin Metropolis. By Harrison F. Lewis.—Perroquet and Greenly Islands, Gulf of St. Lawrence.

Private Secretary to a Sparrow. By A. Marguerite Heydweiller.—Life of the Tree Sparrow.

Bird-Song Study Problems. By Albert R. Brand.

A Plea for the Great Blue. By John Miles Flynn.

There is a leaflet by Roger Peterson on the Ruby-throated Hummingbird.

The usual features: Season, Warden and Sanctuary Reports, Field Notes and Reviews. The notice of Rutledge's 'Wild Life of the South' should be read carefully by those who would know what they are purchasing when they buy popular nature books!

The Condor. XXXVIII, No. 2. March-April, 1936.

Habits and Nest Life of the Desert Horned Lark. By A. Dawes DuBois.

Three Broods of Red-backed Juncos in One Season. By L. J. Hargrave.—Determined by banding.

Nesting of the Bonaparte Gull in British Columbia. By J. A. Munro.

Viability of Weed Seeds after Ingestion by California Linnets. By Elizabeth S. Roessler.—Out of 40,025 seeds eaten by the birds only seven germinated, after all had been planted and watered! Full details of the experiments are given.

Taxonomic Comments on Red-tailed Hawks. By P. A. Taverner.—An interesting résumé of the forms of these Hawks in which all those of the A. O. U. 'Check-List' are considered in the key except *B. b. umbrinus*, on the status of which the author is silent, while two more *B. b. alascensis* and *B. b. fuertesi* are recognized. The author states that his discussion deals with "present fact" not with "origin" and yet he attributes many of the specimens to "hybridism" while *kriderii* is referred to as a species in one place and a white phase of *borealis* in another. In his final systematic conclusion four races of *borealis* are recognized while *harlani* stands as a full species. If we understand Mr. Taverner correctly these five forms have been differentiated in the past (*harlani* further than the others) and now are interbreeding and breaking down the subspecific and specific boundaries, but why not simplify the matter by regarding the forms as still in the making and the perplexing specimens as intermediates not "hybrids"?

Eating Habits of Falcons with Especial Reference to Pellet Analysis. By Richard M. Bond.—"Falcons are prone to form [individual] prey habits and to confine food taken to a single species or group as exclusively and as long as may be!"

Status of the Cormorants of Great Salt Lake. By William H. Behle.

Up Hill Planters. By Joseph Grinnell.—California Jays carrying acorns up hill for storage.

Summer Notes from Plumas County, California. By Joseph Ewan.

The Condor. XXXVIII, No. 3. May-June, 1936.

A Tree Nesting Quail. By Harry L. and Ruth Crockett.

Age Determination in the American Crow. By J. T. Emlen, Jr.—In distinguishing first winter birds from adults the square instead of rounded end to the tail feathers is the best character although the flight feathers of the younger bird are more worn, less heavily pigmented and whiter below than in the adults, while the tail is more square-cut at the end and the wing usually somewhat shorter.

Abnormalities in Birds. By Harold and Josephine R. Michener.

Food of the Common Mallard in the Lower Fraser Valley, B. C. By J. A. Munro.

Coloration of Downy Young Birds and of Nest Linings. By Jean M. Linsdale.

The Orange-bellied Redstart of Western Central America. By A. J. van Rossem.—*Myioborus miniatus hellmayri* (p. 117) n. sub. sp. from El Salvador.

The Wilson Bulletin. XLVIII, No. 1. March, 1936.

Blue Heron Colonies in Northern Ohio. By E. L. Moseley.

Food of the Limpkin. By Clarence Cottam.—Almost entirely gastropods.

Egg Laying by the Cowbird During Migration. By Thomas D. Burleigh.—Interesting evidence.

Episodes in the Life of Audubon in Indiana. By S. E. Perkins, III.

Sketch with portrait of Percival B. Coffin. By R. M. Strong and W. C. Allee.

Observations on the Florida Blue Jay. By Donald J. Nicholson.

Nesting of the Prairie Falcon in Montana. By V. L. Marsh.

Concentration of Catbirds at the Close of the Nesting Season. By Geoffrey Gill.

The Bird Collection of the Carnegie Museum. By Ruth Trimble.

Bird-Banding. VII, No. 2. April, 1936.

Sex, Age and Individual Variation of Winter Tree Sparrows. By A. Marguerite

Heydweiller.—No one external character is entirely reliable but measurements of wing and tail are the best. In grouping 129 specimens as male ad., male im., female ad., female im., dissection later showed that all determinations of adult males and immature females were correct, largest size and purer crown patch indicating the former and smallest size and mottled crown patch the latter. In the other two groups there was an error of 9.30%.

Banding Studies of Semi-domesticated Mallard Ducks. By P. L. Errington and W. E. Albert, Jr.—Observation of a large flock of liberated artificially-raised Mallards confirmed Lincoln's statement that while 20 to 25% of banded wild Ducks have been recovered only 1½% of captive-bred birds have been again heard from.

The Wing Molt in Purple Finches. By M. J. Magee.

Notes on the Plumage of the Eastern Red-wing. By Fred M. Packard.

The Oöloigist. LIII, No. 3. March, 1936.

The Land Birds of Rockbridge Co., Virginia. By J. J. Murray.—A well annotated list.

The Murrelet. XVII, No. 1. January, 1936.

Some field notes on western birds.

Bulletin of the Essex Co. [Mass.] Ornithological Club. No. 17, December, 1935.

Notes on New England Hairy Woodpeckers. By Ludlow Griscom.—Discusses the characters of *Dryobates v. villosus* and *D. v. septentrionalis*.

Five Year Christmas Census Comparison. Cape Cod versus Cape Ann. By Seth H. Low.

About the Glossy Ibis—and Sight Records. By S. G. Emilio.

Annotated List of Birds Observed in 1935. By S. G. Emilio.

Many other local notes including birds of the annual Ipswich River trip.

Iowa Bird Life. VI, No. 1. March, 1936.

The Present Status of the Prairie Chicken in Iowa. By William Youngworth.

Numerous Local Notes.

The Nebraska Bird Review. IV, No. 2. April, 1936.

A Study of the Distribution, Migration and Hybridism of the Rose-breasted and Black-headed Grosbeaks in the Mississippi Valley. By M. H. Swenk.

Local Notes.

The Migrant. VII, No. 1. March, 1936.

Something about Birds, Nests and Eggs. By H. S. Vaughn.

The History of a Martin Box. By Jamie R. Tippens.

Many notes and migrations of Tennessee birds.

Bulletin of the Massachusetts Audubon Society. XX, Nos. 1-5. February-June, 1936.—Contains much interesting popular information on birds and bird protection.

The Gull. XVIII, Nos. 3 and 4. March and April, 1936.

Notes on the birds of the San Francisco region.

Mimeographed journals containing much of interest to bird students of the states in which they are published or in the fields of study which they represent are as follows:

The Raven. VII, Nos. 2-3 and 4. February-March and April, 1936.

Devoted to bird study in Virginia.

March Birds of the Eastern Shore. By Alexander Wetmore. [April.]

Mark Catesby. By J. J. Murray. [April.]

- The Redstart.** III, Nos. 6, 7 and 8. March, April and May, 1936.
Treats of the birds of West Virginia.
- The Flicker.** VIII, No. 1. February, 1936.
Bird notes from Minnesota.
Natural History Notes from Red Lake. By Gustav Swanson.
- The Prothonotary.** II, No. 3, 4 and 5. March, April and May, 1936.
Published by the Buffalo, N. Y. Ornithological Society.
- The Snowy Egret.** X, No. 2 and XI, No. 1. Winter 1935 and Spring, 1936.
Notes and papers on birds of Kentucky, Michigan and other states.
Spring Observations at McMillan, Mich. By O. M. Bryens. (Winter issue.)
Birds Observed in the Upper Peninsula of Michigan. By L. H. Walkinshaw.
(Spring.)
- The Night Heron.** V, No. 1. Spring, 1936.
Missouri bird notes.
- News from the Bird-Banders.** X, No. 3 and XI, Nos. 1 and 2. August, 1935 and February and May, 1936.
Bird banding activities of the Western Bird-Banding Association, Berkeley, Calif.
- Inland Bird Banding News.** VII, Nos. 3 and 4, VIII, No. 1. September and November, 1935 and March, 1936.
Activities of the Inland Bird-Banding Association, Chicago, Ill.
- Saint Louis Bird Club Bulletin.** V, No. 3. March-April, 1936.
- News Letter Audubon Society of Missouri.** III, Nos. 4 and 5. April and May, 1936.
- Long Island Bird Notes.** III, Nos. 11-21. March-May, 1936.
Conducted by David E. Harrower, Woodmere, N. Y.
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- The Ibis.** (13, series.) VI, No. 2. April, 1936.
Field-notes on the Birds of Zanzibar and Pemba. By R. H. W. Pakenham.—
Based on observations during a residence from 1929 to 1934.
On the Indian Ashy Drongos. By C. B. Ticehurst.—Two species are recognized—
Dicrurus longicaudatus with two races, and *D. leucophaeus* with three.
On the Birds of East Finmark. By H. M. S. Blair.
A Note on the Black Fiji Petrel. By G. M. Mathews.—A new genus *Pseudobulweria* (p. 309) proposed for *Thalassidroma macgillivrayi* Gray.
The Finches of the Galapagos in Relation to Darwin's Conception of Species.
By Percy R. Lowe.—An interesting résumé of the problem of these Galapagos birds which present such a bewildering array of variations. Dr. Lowe hopes that "investigators properly equipped, may be sent to the Galapagos with the object of conducting actual breeding experiments and quotes Lord Rothschild to the effect that "if the collections which have already been made are not sufficient to throw light upon the problem no collections will ever do so."
Birds of Grimsey in North Iceland. By P. F. Holmes and D. B. Keith.
On the Races of *Ammomanes deserti* found in Arabia and near its Borders. By G. L. Bates.
Further Observations from Albania. By Hugh Whistler.
A Nominal List of the Birds of Celebes. By Erwin Stresemann.—220 native resident forms. *Corvus enca celebensis* (p. 368), *Hypotaenidia torquata remigialis* (p. 368) and *Amaurornis phoenicura variabilis* (p. 369) are described as new.
Systematic Notes on East African Birds. Part X. By C. W. Machworth-Praed and C. H. B. Grant.

Bulletin of the British Ornithologists' Club. No. CCCXCIII. March 4, 1936.

Miss Ruth Cooper presents notes on birds seen at Fez, Morocco, and Dr. G. Carmichael Low described a trip around the world with lists of the birds seen *en route*. Eastern Ground Doves "in fields on the way to Chicago" from Washington will interest ornithologists of the former city and Chimney Swifts at the Grand Canyon constitute another remarkable record!

Guy Harrison discusses the South American Cowbird, *Molothrus bonariensis* and its fosterers.

C. M. N. White discusses the races of *Petrochelidon nigricans*.

Bulletin of the British Ornithologists' Club. No. CCCXCIV. April 2, 1936.

Solomonsen describes *Lagopus lagopus variegatus* (p. 99) from western Norway; and C. W. Benson, *Alethe maccloumiei njombe* (p. 100) from southern Tanganyika.

Bulletin of the British Ornithologists' Club. No. CCCXV. May 6, 1936.

Admiral Lynes describes *Cisticola dambo kasai* (p. 109) Banda, Belgian Congo, and replaces *Cisticola angusticauda* in the genus *Cisticola* from which it had been removed. *Stachyris nigriceps rileyi* (p. 115) is proposed by F. N. Chasen for *S. n. dilutus* pre-occupied.

British Birds. XXIX, No. 10. March, 1936.

An Investigation of the Food of Captive Little Owls. By A. Hibbert-Ware.

Some Notes on an Essex Rookery. By James W. Campbell.

Starlings Fighting for Nesting Sites. By George Marples.

Recovery of Marked Birds.

British Birds. XXIX, No. 11. April, 1936.

Young Rooks, Their Survival and Habits. By J. P. Burkitt.

"British Birds" Marking Scheme. By H. F. Witherby.—Contains a list of the numbers of each species "ringed" from 1909 to 1934 with the number of recoveries. Of the Blue Tit 4432 were ringed and 647 recovered but of Blackbirds 42469 were ringed and only 1491 recovered. The percentage of recoveries for the various species ranges from .01 (Gray Wagtail) to 24.2 (Merlin).

Birds of Inner London. [A Supplement.] By A. H. Macpherson.

British Birds. XXIX, No. 12. May, 1936.

Birds Seen on the North Atlantic, August and September, 1935. By K. B. Rooke.—On two crossings from Liverpool to St. Johns, Newfoundland.

Nesting Habits of the Willow Tit. By Tom L. Johnston.

The Oologists' Record. XVI, No. 1. March, 1936.

The Work of British Ornithologists Abroad in 1935. By Rev. F. C. R. Jourdain.

Notes on Some Breeding Birds of Southern Uruguay. By B. Guy Harrison.

Notes on nests and eggs of various species.

The Avicultural Magazine. (5th series.) I, Nos. 3, 4, and 5. March-May, 1936.

The color plates presented in these three issues are, respectively, the White-throated Lory, Pectoral Finch and Red Lory, the Finch from a painting by Cayley, the Lories by Roland Green.

A West Indian Diary. By S. Porter.—Runs through two issues dealing with the birds of Jamaica.

There is a paper on Rheas by J. Delacour and many notes on aviculture.

Bird Notes and News. XVII, No. 1. Spring, 1936.

This publication of the Royal Society for the Protection of Birds contains vigorous protests against the cutting of trees, trimming of hedges and cropping of lawns along

highways, until birds have no place to nest or feed. Much the same thing is going on in America and receives the condemnation of all lovers of wild life.

There are accounts of sanctuaries and of the value of birds to agriculture, etc.

The Emu. XXXV, Part 4. April, 1936.

The Topknot Pigeon (*Lopholaimus antarcticus*). By P. A. Gilbert.—With colored plate and photographs.

Plants Spread by the Silver-eye. By G. R. Gannon.

Various Bird Problems. By A. H. Chisholm.—Vocal Mimicry; disappearance of the Paradise Parrot; distribution and relationship of several forms.

Distribution Map of Thornbills. By A. G. Campbell.

On A Hitherto-unrecorded Egg of the Lesser Emu of Kangaroo Island, with Description. By George E. Mason.

The Cat Island Gannet Rookery. By Bruce Anderson.—800–1,000 birds against 300–4,000 originally there.

The Food of Australian Birds. By A. H. Lea and J. T. Gray.—Lists of stomach contents.

Some Random Notes on the Little Grebe. By R. T. Littlejohns.

Photographing the Black-throated Grebe. By M. S. R. Sharland.

And the usual number of short notes on Australian birds and excellent photographs.

The South Australian Ornithologist. XIII, Part 5. January, 1936.

Notes on the Albatrosses Occurring in South Australian Waters. By H. T. Condon.—An excellent article with descriptions and measurements of many specimens.

L'Oiseau. VI, No. 2. 1936. [In French.]

Rare or Remarkable Birds from the Philippine Islands. By Marquis Hachisuka.

A Comparative Study of the Hummingbirds of the Group *Helianthea*. By J. Berlioz.

A Revision of the Genus *Alcippe* Blyth. By K. Y. Yen.—No new forms described in this installment.

The Consumption of Mollusks by Birds. By André Kleiner.—Mainly by water birds but many other groups including Passerine species are found to eat them.

New Researches on the White Storks of Algeria. By G. Bouet.—Density of nest population.

Cancers in Birds. By R. Salgues.

Variation in Plumage and Form in Birds. By M. Legendre.

Capture of a Pectoral Sandpiper in France. By L. Delapchier.

Journal für Ornithologie. 84 Jahrgang, Heft 2. April, 1936. [In German.]

Sketch of the late Michael Menzbier. By Hermann Grote.

Homing Experiments with Starlings and Swallows in 1935. By Werner Rüppell.

Functional Anatomical Researches on the Bird Wing. By Maxheinz Sy.

The Migration Route of the Crane. By Walter Libbert.

Ornithologische Monatsberichte. 44 Jahrgang, No. 2. March–April, 1936. [In German.]

The International Stork Census. By E. Schüz.

Preliminary Account of the Results of the Archbold-Rand New Guinea Expedition of 1933. By Ernst Mayr and A. L. Rand.

What is *Picus viridis virescens*? By Güther Niethammer.

The Terminology of Geographic Variability. By B. Rensch.

Der Vogelzug. 7 Jahrgang, No. 2. April, 1936. [In German.]

Stimmelmayr's Guide Lines. By H. Baron Geyr von Schweppenburg.

Twenty-ninth Report of Bird Study at Rossiten. By E. Schüz.

Numerous notes on bird-banding.

- Vogelring.** VIII, Hft. 2. Spring, 1936. [In German.]
A Bird Paradise. By Ulrich Feit.—Photographs of Bittern and nest.
Banded Birds as Victims of Birds of Prey. By Otto Lüders.—A long list of victims.
Beiträge zur Fortpflanzungsbiologie der Vögel. XII, Nos. 2 and 3. March and May, 1936.
The Status of the White Stork in Prussia, Memel, etc. Several authors. (March.)
A Contribution to the Biology of German Owls. By Otto Schnurre. (March.)
Sociology of the Herring Gull. By N. Tinbergen. (May.)
Observations on the Nest of the Harrier (*Circus c. cyaneus*). By Hans Hennings. (May.)
Many notes on nesting and eggs of various birds.
Le Gerfaut. 1935, Fasc. 3. [In French.]
Many notes and short papers on the birds of Belgium with much of interest to bird banders.
Der Ornithologische Beobachter. 33 Jahrgang, Heft. 5, 6, 7. February–April, 1936. [In German and French.]
Numerous field notes and bird banding reports for Switzerland and the 11th and 12th reports of bird study at the Swiss Station at Sempach. By A. Schifferli.
Archives of Swiss Ornithology. I, Fasc. 7. February, 1936. [In French and German.]
On Dependence of the Hen Embryo on an Oxygen Environment. By A. Portman and L. Jecklin.
Reflections on the Systematics of *Cinclus cinclus*. By O. Meylan.
Many notes on Swiss birds.
Organ of the Netherlands Ornithological Club. VIII, No. 3–4. April, 1936. [In Dutch.]
The Banding of Lapwings (*Vanellus vanellus*) in Netherlands. By M. J. Tekke.
Bird Migration in Netherlands III. By W. H. van Dobben.—By banding.
Results of the Banding of Starlings in Western Europe. By J. P. Bouma and J. C. Koch.
Other notes on bird banding.
Ornis Fennica. XIII, No. 1. 1936. [Mainly in Finnish.]
Some Diving Notes on Young Tufted Ducks, Velvet Scoters and Eiders. By Perka Grenquist. [In English.]
Notes on birds of Finland.
Cesklovensky. 1936, No. 2. [In Hungarian.]
Notes on birds and ornithologists of Czechoslovakia.