

genus *Colaptes* following Wetmore and Peters instead of in *Soroplex* as suggested by Ridgway, and *Henicornis wallisi* Scott is said to be the same as *Enicornis phoenicura* (Gould) as has been supposed. Apparently the present work was well along on the appearance of the last two volumes of Hellmayr's 'Birds of the Americas' as various nomenclatural changes indicated by Dr. Hellmayr are not used or considered.

As the colored plates were prepared and printed years ago there is frequent incongruity between the scientific name indicated on the plate and that accepted in the text, a matter that the author has corrected by giving the accepted name on a sheet that faces each illustration. The cuts in black and white that are scattered through the text are excellent and appeal in their sprightly attitudes to one who is familiar with many of the species in life. Structural details of certain genera will be helpful to the student.

The work will be highly useful to the student of geographic distribution in search of definite records of occurrence, while the ornithologist without extensive library facilities will find the brief descriptions and measurements taken from actual specimens a valuable assistance in the identification of specimens, for this information otherwise is difficult of access as it is found only in large and expensive catalogs or scattered widely through literature. The assembling of scattered life history material will also assist in determining information to be sought by collectors and students engaged locally in this field.

Too often when some extensive work is interrupted by the passing of those who instituted the original plan the scheme has necessarily to be abandoned through the difficulty of interesting others in its completion. Such tasks are frequently somewhat thankless and distasteful labor as the editor chosen does not have the thrill of initiation of the project and further may not wholly approve the method of treatment that has been outlined. In the present instance the author is to be congratulated upon the excellent manner in which he has fulfilled his duties and carried out the plan originated by his predecessors. The completed work will prove useful for years to come for students of the Patagonian fauna.—A. W.

### The Ornithological Journals.

**Bird-Lore.** XXX, No. 1. January-February, 1928.

A Woodcock on its Nest. By Tappan Gregory.—Exceptionally fine photographs of the bird and nest.

Mallards on the Prairie. By H. H. Pittman.

Christmas Bird Censuses.—There are 163 reports from east of the Mississippi River of which that for the Bronx Region, N. Y., with eleven observers records 73 species while the Cape May, N. J., report with five observers is second, with 71. It is interesting to note that only 44 species are identical on these two lists giving a combined total of 100 while we note

7 additional species at intermediate stations making 107 species present on the coastal region between New York and Cape May.

The Autobiography of Jim Crow. By A. A. Allen.—An excellent life history of this much abused bird.

**The Condor.** XXX, No. 1. January–February, 1928.

Robert Ridgway: with a Bibliography of his published Writings and fifty illustrations. By Harry Harris.—An admirable biography containing much autobiographical material, and many letters. A list of 32 species and subspecies which were named in honor of Mr. Ridgway is appended and the bibliography originally published by Indiana University which has been carefully checked and supplemented by Dr. Charles W. Richmond.

This publication should be of great assistance in the securing of the full amount needed for the Ridgway Memorial Fund and everyone at all interested in birds should read it and learn more of the modest man whose work is to be perpetuated and name honored in the proposed memorial bird sanctuary, "Bird Haven," to the establishing and maintenance of which he has devoted so much of his resources and time.

The Antiquity of the Migratory Instinct in Birds. By Loyé Miller.—Suggests that many species in Pleistocene time were just as migratory as they are today and that the origin of the instinct is much earlier than the glacial period with which it is usually associated.

Notes on Systematics of West American Birds. I. By Joseph Grinnell.—Considers that there is but one form of Fulmar in the north Pacific which should be called *Fulmarus glacialis rodgersi*; that the Siskin named *Spinus pinus macropterus* is wholly Mexican, including Lower California although all Siskins are very variable; that *Progne subis hesperia* must be restricted to the Cape San Lucas district.

**The Wilson Bulletin.** XXXIX, No. 4. December, 1927.

Down Bird Island Way. By J. J. Carroll.—Sea-bird life off the coast of Texas.

Richardson's Grouse in the Yellowstone Park. By M. P. Skinner.—While Mr. Skinner was in a position to solve a problem that has been troubling systematists for some time he seems to have been unaware of the publications of Major Allan Brooks and others suggesting that *Dendragapus obscurus* and *richardsoni* are distinct species and that the solution lies in a study of the Colorado birds. It is true that Mr. Skinner's statements so far as they go indicate intergradation but we are not clear as to whether a series of specimens has been studied or whether or not hybridism may not account for the condition that he indicates. We trust that he will consult Major Brooks' paper (Auk, 1926, p. 285) and furnish the desired data in a supplementary paper.

Where do Birds Spend the Night. By L. M. Huey.

Auxiliary Gun Barrels for Collecting Bird Specimens. By W. G. F.

Notes on Shore Birds and Water Fowl on a New Artificial Lake. By Samuel Eddy.—Lake Decatur, Decatur, Ill.

A Brief Study of Canadian Life Zone Birds in Highland Co., Virginia.  
By John B. Lewis.

**The Oölogist.** XLIV, Nos. 11 and No. 12; XLV, No. 1. November, December, 1927, January, 1928.

Turkey Vulture Nesting in New York. By W. A. Smith.—Tonawanda swamp, Orleans Co. (Nov.).

New Tenants in Old Nests. By A. D. Henderson.—Notes on nesting birds at Belvedere, Alberta (Dec.)

The Audubon Caracara of Florida. By D. J. Nicholson (Jan.).

**The Cardinal.** II, No. 3. January, 1928.

An account of Cook Forest in the valley of the Clarion River, western Pennsylvania which is to be preserved as a state park. The birds, mammals, reptiles, butterflies and plants are listed, the birds by Bayard H. Christy and Geo. M. Sutton. There is also an attractive plate of the Canada Warbler and the Rhododendron a reproduction in colors of one of Mr. Sutton's paintings.

**Bulletin of the Northeastern Bird-Banding Association.** IV, No. 1. January, 1928.

Banding at the Sarah A. McCarthy Bird Sanctuary with especial reference to Purple Finches and Chipping Sparrows. By Daniel W. Shea.—This paper is a good example of the opportunities of bird banding and the failure of the operator to grasp the opportunity through apparent lack of knowledge of the birds which he is studying.

Mr. Shea has recorded his birds as either "immature" or "adult," which is entirely inadequate in the case of Purple Finches. During the early summer these birds wear a brown striped plumage known as the "juvenal" followed in late summer by a similar plumage called the "first winter" which is retained until after the breeding season of the following year, males and females being indistinguishable at the time of first nesting, after this the male assumes the pink plumage. Some of the "immatures" of one year are recorded as "adult males" on recovery the next year. If these were in the juvenal plumage when banded and were pink the next year then we have something unknown so far in Purple Finch history, while on the other hand if they were brown plumaged birds that had bred, our present ideas of plumage sequence would be confirmed, but the use of the indefinite term "immature" deprives the record of all of its value so far as plumage and molt are concerned.

Bird-banding has now passed the primary stage and to get full value from it all banders should be acquainted with our present knowledge of plumage sequence in all species which they handle just as the systematist must have mastered this subject before he is qualified to publish. Dr. J. Dwight's "Sequence of Plumages and Moults of the Passerine Birds of New York" is an excellent work of reference on this subject (Annals N. Y. Acad. Sci., Vol. XIII, pp. 73-360. 1900).

Birds Seen in a Transatlantic Voyage. By Charles W. Townsend.

Some Transatlantic Returns of Banded Birds. By John B. May.

Domestic Vicissitudes of Bluebirds. By Helen J. Robinson.

Xanthochrism in the Purple Finch. By C. L. Whittle.

**The Ibis.** (XII series) IV, No. 1. January, 1928.

Notes on Nyasaland Birds. By C. F. Belcher.—Additions and remarks on *Alethe chloensis* and *Buccanodon belcheri*.

A Diary of the Nesting of *Microlyssa exilis*, the Crested Hummingbird of Montserrat, W. I. By T. Savage English.

Further Notes on the Birds of the Balearic Islands. By P. W. Munn.

On the Birds Collected during the Third Expedition to French Indo-China. By J. Delacour and P. Jabouille.—With a colored plate of *Arborophila davidi* and *Sphenurus sieboldi muriei*.

Birds of the Gyantse Neighborhood, South Tibet. By Frank Ludlow.

A Collection of Birds from the Uluguru and the Usambara Mts., Tanganyika Territory. By Herbert Friedmann.—Collection made by Arthur Loveredge for the Museum of Comparative Zoology, Sept.—Dec., 1926.

A Description of *Atlantisia rogersi*, the Diminutive and Flightless Rail, of Inaccessible Island, with some Notes on Flightless Rails. By Percy R. Lowe.—The barbules of the wing feathers in this bird are found not to develop "along the lines of the normal volant barbule." The author regards this as very important, and argues that flightlessness in such birds is a primary condition, while in other so-called flightless Rails, with more or less normal barbules, there is merely a condition of pseudo-flightlessness. It would seem to us that the nature of the barbule cannot be a very ancient character.

Some Remarks on the Food of Flycatchers. By W. E. Collinge.

On the Affinities of *Parapavo californicus*. By Peter P. Sushkin.—In this paper Dr. Sushkin reaches exactly the same conclusions as does Miss Howard (see p. 247).

**Bulletin of the British Ornithologists' Club.** CCCXVIII. November 25, 1927.

This number contains the annual address of the chairman, Dr. P. R. Lowe.

A Nighthawk (*Chordeiles virginianus*) was exhibited which was shot in Scilly Isles the first record for Great Britain.

Lord Rothschild exhibited some hybrid Hummingbirds and suggested that *Oreotrochilus chimborazo* and *O. jamesoni* are dimorphic forms of the same species.

New forms of *Cyornis*, *Cyanops*, *Cyanoderma* and *Chlorocharis* are described by Messrs. Kloss, Robinson and Kinnear. While Mr. Mathews has a new genus *Rileyornis* (p. 48) for *Siphia hoevilli*.

**Bulletin of the British Ornithologists' Club.** CCCXIX. December 29, 1927.

W. L. Sclater describes *Francolinus coqui maharao* (p. 51) and *F. africanus archeri* (p. 51) from southern Abyssinia.

**Bulletin of the British Ornithologists' Club.** CCCXX. January 26, 1928.

New forms described of *Muscadivora bakeri* (p. 56) by N. B. Kinnear from New Hebrides; *Blythipicus pyrrhotis cameroni* (p. 57) by H. C. Robinson from Selangor, Malay States; *Chalcophaps indica robinsoni* (p. 58) by E. C. Stuart Baker from Ceylon, *Alauda arvensis ticehursti* (p. 65) West Galicia by H. Whistler. Messrs. Robinson and Baker review the Bustard Quails of the species *Turnix suscitator* and recognize ten races of which *T. s. interruptens* (p. 60) Kossoom, Siam; *T. s. pallescens* (p. 60) Thayetmyo, Burma; and *T. s. isabellinus* (p. 62) from Calcutta are described as new.

**British Birds.** XXI, No. 7. December 1, 1927.

Notes on the Nesting of the Sand Martin. By Richmond H. Hellyar. —Sand Martin is merely another name for our Bank Swallow and this paper may well be compared with those by Dr. Stoner which have appeared in 'The Auk,' with which the writer seems not to be familiar. Mr. Hellyar bands his Swallows at night bringing them to the mouth of the burrow by flashing a small lamp.

Cocks' Nests of the Whitethroat. By Stanley Lewis.—Describes a habit in this species which is well known in the case of male Wrens.

**British Birds.** XXI, No. 8. February, 1928.

The number is mainly devoted to the report on the 'British Birds' marking scheme for 1927. 'British Birds' is also preparing to make a count of the Heronries in Great Britain this spring.

An Early Work on Bird-Migration. By Hugh S. Gladstone.

**The Avicultural Magazine.** (Fourth series) V, No. 12. December, 1927.

The Yellow-breasted Cissa (*Cissa hypoleuca*). By J. Delacour.

Accounts of birds in several aviaries, color breeding of Budgerigars and Bird-catching in Senegal are other articles in this issue.

Mr. Maurice Amsler has a most interesting account of the breeding of a pair of Hermit Thrushes in his aviary and the rearing of a young bird to maturity.

**Avicultural Magazine.** (Fourth Series) VI, No. 1 January, 1928.

Ducks. By J. Delacour.—With a beautiful plate of the Wood and Mandarin Duck (continued in Feb.).

The Migration of Snowy Owls. By D. Seth Smith. Mainly based on Dr. Gross' article in 'The Auk.'

There are records of a Steppe Eagle (*Aquila nipalensis*) 41 years in captivity and an American Widgeon, 22 years.

**The Avicultural Magazine.** (Fourth Series) VI, No. 2. February, 1928.

A Blue Variety of the Masked Lovebirds (*Agapornis personata*). By D. Seth Smith.—With a colored plate.

Bird Keeping in Peking. By J. Delacour.—With a number of photographic illustrations.

**The Oölogists' Record.** VII, No. 4. December 1, 1927.

Some African Rarities. By C. F. Belcher.

An Oölogical Trip to Spain. By W. M. Congreve.

The Black-bellied Storm Petrel Breeding on South Shetlands. By A. G. Bennett.

Variation in Eggs of Common Snipe. By Stanley Lewis.—With photographs of nests and eggs.

A Successful Quest for the Duck Hawk. By T. D. Burleigh.—In Pennsylvania.

**The Emu.** XXVII, Part 3. January, 1928.

The Elegant and Rock Parrots (*Neophema elegans* and *petrophila*). By A. J. Campbell.—With colored plate.

Proceeding of the Twenty-sixth Annual Congress of the R. A. O. U., Perth, 1927.

The proceedings of the meeting are followed by an account of the Nornalup camp-out and by a number of papers most of which were read at the meeting; viz.

The Educational Value of the Study of Ornithology. By Edwin Ashby.

Some Aspects of Bird Protection. By James Pollard.

Fauna of the Stirling Range. By F. R. Bradshaw.

Peculiarities in the Distribution of Birds in Western Australia. By F. L. Whitlock.

Reactions Between Birds and Plants. By O. H. Sargent.

Birds Observations in Bass Strait. By E. Ashby.

Birds of the Nullarbor Plain. By A. S. Le Souef.

The Ornithology of H. L. White. By A. J. Campbell.

Systema Avium: An Inspiring Ideal. By A. J. Leach.—With an extended review of Mathews' 'Systema Avium Australasianarum.'

**The South Australian Ornithologist.** IX, Part 4. October, 1927.

*Amytornis goyderi*, Eyrean Grass-Wren. By J. Sutton.—An historical account of this rare bird of which only two specimens are known.

Numerous other bird notes.

**The Gull.** IX, Nos. 7 and 8. July and August, 1927.

The Homing Pigeon: Its History and Training. By Robert R. Graham. (July.)

Aasvogels—Scavengers of the Veld. By Dr. F. W. D'Evelyn.

**Revue Francaise d'Ornithologie.** No. 224. December, 1927. [In French.]

"Ornithomelography." By H. Jouard.—A Notation for Recording bird song.

The Hut of Boismont. By G. Cocu.—Observations on Ducks from a blind for nine seasons.

Some Observations on the Life History of *Accipiter nisus nisus*. By E. Maniquet.

**L'Oiseau.** VIII, Nos. 6, 7, 8, 9 and 10. June, July, August, September and October, 1927. [In French.]

Geese. By Marquis Tavestock and F. Blauw. (June.)

Observations on the Habits of the Hemipode (*Turnix nigricollis*). By A. Decoux (June.)

A series of papers on Ducks. By J. Delacour. (July to October.)—A colored plate of the Pink-headed Duck by Paret and of several other species by H. Wormald, the latter excellent.

Note on a Mutation of the Pheasant (*P. colchicus*). By M. V. Hachisuka.—This is a melanistic specimen which the author names "*P. c. mut. tenebrosus*." (October.)

The third Expedition to Indo-China. By J. Delacour and P. Jabouille. (October.)

**LeGerfaut.** 17, Fasc. 111. 1927. Entirely local notes on Belgian birds. [In French.]

**Der Ornithologische Beobachter.** XXV, Heft 3, 4, and 5. December, 1927 and January and February, 1928. [In German.]

Review of Bengt Berg's "Die letzten Adler" with reproductions of several plates. (December.)

Song of *Riparia riparia*. By H. Stadler. (January.)

An Expedition to the Camargue. By Dr. Kubli. (February.)

**Ornis Fennica.** IV, Nos. 3 and 4. 1927. [In Scandinavian and German.]

Mainly local notes on Finnish birds. No. 3 contains an account of the breeding of *Tringa nebularia* and No. 4 a list of bird banding records.

**Tori.** V, No. 24. November, 1927. [In Japanese.]

Swallow Nest on an Electric Light Bulb. (Photograph.)

Notes on a Collection of Birds from Southern Sakhalin. By Y. Yamashina.

The Relation between Sea-birds and Fishes in Toyama Bay. By J. Henmi.

The Discovery of *Sassius simplex*. By M. Hachisuka.

**Journal für Ornithologie.** LXXVI, Heft 1. January, 1928. [In German.]

The Distribution of the Carrion Crow. By W. Meise.—A lengthy paper which considers the subject from all sides, with abundant maps and discussion. The relation of *Corvus corone* and *C. cornix* occupies most of the article. The common American Crow (*C. brachyrhynchos*) and its allies are considered conspecific with *C. corone* of Europe but the northwest Crow (*C. caurinus*), which the author continues to call the northwest Fish Crow, is regarded as a subspecies of *C. mexicanus* to which the Fish Crow (*C. ossifragus*) is also referred. As a matter of fact as most recent authors agree *caurinus* is merely an extreme form of *brachyrhynchos*.

The Sea Eagle (*H. albicilla*). By H. Siewert.—With excellent photographs.

Border cases between Race and Species. By B. Rensch.

Obituary of Otto Graf Zedlitz.

**Ornithologische Monatsberichte.** 36, No. 1. January, 1928. [In German.]

Observations on the Breeding Habits of *Lophoceros erythrorhynchus* in the Zoological Garden at Frankfort. By R. Wieschke.

Immense Bird Flight over Helgoland. By R. Drost.

New Races of Birds from the Lesser Sunda Islands. By B. Rensch.—Ten new forms of the genera *Chlorura*, *Munia*, *Corvus*, *Dicrurus*, *Dicaeum*, *Pseudozosterops*, *Zosterops*, *Meliphaga* and *Pachycephala*.

**Beiträge für Fortpflanzungsbiologie der Vögel.** 4, No. 1. January, 1928. [In German.]

Notes on the breeding habits of various species.

**Mitteilungen des Vereins sächsischer Ornithologen.** II. Heft. 1. January, 1928. [In German.]

Mainly devoted to local notes on birds of Saxony.

The Explanation of the Concept of Species, Variety, and Subspecies in Ornithology. By E. Stresemann.

Breeding range of *Riparia riparia* in Saxony.

**Club van Nederlandsche Vogelkundigen. Jaarbericht.** No. 17. January, 1928. [In Dutch.]

Palaeartic Migrants in the Dutch East Indies. By F. C. van Heurn. Immature Plumages of Some East Indian Flycatchers. By F. C. van Heurn.—*Dendrobastres*.

**Ardea.** XVI. Afl. 2-3. November, 1927. [In Dutch.]

Birds of the Camargue. By T. G. deVries.



Ethology and Psychology of *Phalacrocorax carbo subcormoranus*. By A. F. J. Portielje.

Varia Oölogica. By A. vanPelt Lechner. XV. Green and Blue tinted Eggs of Pigeons.

Food Habits. J. P. Bourma.

**Norsk Ornithologisk Tidsskrift.** VIII (3rd series) 1927. [In Norwegian.]

Mainly devoted to local notes on Norwegian birds.

Glossy Ibis in Norway. By L. R. Natvig.

Nesting on *Mergus albellus*. By H. T. L. Schaanning.

#### Ornithological Articles in Other Journals.

**Taverner, P. A.** Hungarian Partridge vs. Sharp-tailed Grouse. (*Canadian Field Naturalist*, October, 1927.)

**MacLoghlin, Anna E.** A Grosbeak Singing in a Thunder Storm. (*Canadian Field Naturalist*, October, 1927.)

**Fairbairn, H. W.** Bird Notes from Algoma District, Ontario. (*Canadian Field Naturalist*, October, 1927.)—An annotated list.

**Kingston, Lois R.** A season in a Swallow House. (*Canadian Field Naturalist*, October, 1927.)—Species not mentioned but presumably the Tree Swallow.

**Criddle, Norman.** A Tale of Four Crows. (*Canadian Field Naturalist*, November, 1927.)—Pet Crows raised from nestlings.

**Mousley, Henry.** The Love Song and Flight of the Woodcock. (*Canadian Field Naturalist*, November, 1927.)

**Darcus, Solomon John.** Discovery of the Nest of the Marbled Murrelet (*Brachyramphus marmoratus*) in the Queen Charlotte Islands, B. C. (*Canadian Field Naturalist*, December, 1927.)

**Canadian Nat. Parks.** Official Canadian Record of Bird Banding Returns. (*Canadian Field Naturalist*, December, 1927.)

**Rintoul, L. J. and Baxter, E. V.** Report on Scottish Ornithology in 1926. (*Scottish Naturalist*, Nos. 167 and 168, Sept.–Oct. and Nov.–Dec., 1927.)

**Stewart, Walter.** Studies of Some Lanarkshire Birds. The Jackdaw. (*Scottish Naturalist*, No. 167, Sept.–Oct., 1927.)

**Bush, B. F.** The Marsh Hawk. (*American Midland Naturalist*, March–May, 1927.) Nesting at Kansas City, Mo.

**Weston, F. M.** West of Apalachicola. (*The Florida Naturalist*, January, 1928.)—Account of migration along the upper Gulf coast where birds move both ways at the same season.

**Murphy, Robert Cushman.** The Peruvian Guano Islands Seventy Years Ago. (*Natural History*, Sept.–Oct., 1927.)

**Gudger, E. W.** How the Cassowary (*Casuaris bennettii*) Goes a Fishing. (*Natural History* Sept.–Oct., 1927.)