

equal proportion of crayfishes besides piscivorous fishes themselves enemies of the commercial species. The author does not believe that destruction of the birds is called for.—W. L. M.

**Insect Food of the Black-headed Gull.**—Doctor Collinge has recently demonstrated<sup>1</sup> that the Black-headed Gull (*Larus ridibundus*) like our Franklin's Gull is decidedly insectivorous. About a third of the total food is insects and a full fourth is composed of destructive species. The consumption of wireworms and leather-jackets is prodigious and the bird must be regarded as an exceedingly beneficial species. The present seems to be an advance report on analyses of a collection of more than 600 stomach contents, and it is assumed there will be a later and fuller paper covering all elements of the food.—W. L. M.

### The Ornithological Journals.

**Bird-Lore.** XXIX, No. 4. July–August, 1927.

A Pet Kittiwake. By E. R. Warren.—Involving an account of Prof. Hyatt's cruise to the Gulf of St. Lawrence in 1881.

Variation in the Song of the Meadowlark in Edgar Co., Illinois. By John Steidl.—One thousand songs were recorded, ranging in number of notes from one to eight, while of these there were 112 variations.

Nest-Stealing Tactics of the Starling. By G. M. Sutton.—Condemns this "interloper" in favor of our native species which it tends to drive away.

The Mourner of the Slashings. By Clarence M. Beal.—A study of the Mourning Warbler.

The Canyon Towhee. By Angeline M. Keen.

The Migration and Plumage studies of N. A. Birds covers the Red-bellied, Golden-fronted and Gila Woodpeckers.

There are excellent photographs of the Black Skimmer by Henry Carey; Nighthawk by F. M. Weston and Horned Grebe by H. H. Pittman.

Dr. A. A. Allen has a very clever article entitled Jenny Wren's Diary based on his several years' study of the bird. It gives, perhaps, the better idea of the life and troubles of the species than anything previously published.

**The Condor.** XXIX, No. 4. July–August, 1927.

John Ridgway's Drawings for the Bendire Plates. By Harry Harris.—Personal recollections of Mr. Ridgway communicated to the author.

Cormorants in Relation to Fisheries. By Arthur H. E. Mattingley.—Discusses the problem as it is presented in Australia but the same conditions are present elsewhere. Before the advent of man both fish and Cormorants were more abundant than they are today, but with the

<sup>1</sup> The Ibis, April, 1927, pp. 196–201.

destruction of the birds by man the fish do not increase. The reason is that during the nesting season the Cormorants feed exclusively on crustacea and young turtles, which are the chief destroyers of the eggs and fry of the fish. The author figures that in a year a Cormorant by destroying these enemies saves 300,000 potential fish, while it cannot destroy for food more than 2,190 fish in the same time, a balance of 297,810 in its favor.

Notes on the Breeding Coastal and Insular Birds of Central Lower California. By Griffing Bancroft.

Notes on Birds Collected in the Virgin River Valley of Utah. By Vasco M. Tanner.

In 'Field and Study Notes,' is a record by H. S. Swarth of a specimen of Rufous-necked Sandpiper (*Pisobia ruficollis*) collected by G. Dallas Hanna on St. Paul Island, Alaska. Mr. Swarth also states that the specimen of *Lanius mollis* recorded by Mailliard and Hanna from Alaska is really a young example of *L. borealis*.

**The Oölogist.** XLIV, No. 6. June, 1927.

Summer Residents of the Higher Southern Piedmont. By A. L. Pickens.—Dealing with South Carolina.

Sage Thrush in Louisiana. By E. S. Hopkins.—An interesting record if the identification is correct.

**Bulletin of the Northeastern Bird-Banding Association.** III, No. 3. July, 1927.

The Age of Banded Birds. By J. T. Nichols.—From records of captured and recaptured birds a minimum age for a number of individuals is secured. A Crow is listed at least eight years of age, and a Chimney Swift of the same age, while an Egret and Chickadee had reached at least seven years.

Returns of a Crested Flycatcher. By Mabel Gillespie.—Five years' records.

Plumage Variations and Plumage Changes among Eastern Purple Finches. By C. L. Whittle.

**The Cardinal.** II, No. 2. July, 1927.

Amphibians and Reptiles in Relation to Birds. By M. G. Netting.

The Earliest List of Pennsylvania Birds. By Bayard H. Christy.—In Gabriel Thomas' account of the province, 1698.

The Invasion of Goshawks and Snowy Owls During the Winter of 1926-1927. By G. M. Sutton (see antea p. 579).

**The Ibis.** (12th series) III, No. 3. July, 1927.

Systematic Results of Birds collected at high altitudes in Ladak and Sikkim. By R. Meinertzhagen.

On the Breeding of the Blue-winged Goose of Abyssinia. By F. E. Blaauw.

On the Breeding of the Bare-eyed Cockatoo of Australia. By F. E. Blaauw.

The Geographic Origin of the Birds of South America. By H. von Ihering.

Migration as seen in Egypt. By R. E. Moreau.—A most interesting paper, presenting a wealth of data and discrediting the oft republished map "after Palmen" showing two routes across the Mediterranean.

A Review of the Family Cursoriidae. By Annie C. Meinertzhagen.

Critical Remarks on some Cameroon Birds. By Oscar Neumann.

On the Cranial and other Skeletal Characters of *Grandala coelicolor*, and its systematic position. By W. P. Pycraft.—The author decides that there is no question but that this interesting bird is a Thrush, "one of the lower, less specialized members of the group in which *Merula* and *Turdus* seem to hold the highest place." His investigations moreover seem to indicate that the structure of the tympanic cavity will be an important taxonomic character in this group.

On the Affinities of *Lalocitta*. By Peter P. Sushkin.—Considers it close to an ancient group standing near the ancestors of the American Blue Jays and not very remote from *Perisoreus*, and with no connection in its ancestry with the Palaearctic Jays.

Remarks on the generic names *Colymbus* and *Podiceps*. By Einar Lönnberg.—Dr. Lönnberg refers to the present reviewer's query on this matter but had he consulted my paper a little more carefully he would have seen that I did *not* agree with my countrymen in applying *Colymbus* to the Grebes, but considered it applicable to the Loons as he himself does. However, after considering the evidence brought forward by Dr. Stejneger as to the varying nature of "*Colymbus arcticus*" in the several editions of Linnaeus, I am willing to admit that Gray's designation of this species as type cannot be accepted and therefore am once again in accord with "my countrymen." Since Dr. Lönnberg does not believe in applying the principle of subsequent designation where it upsets a name long in use, it is hardly necessary to discuss his arguments which are the same as have been many times advanced prior to the general adoption of the International Code.

A Note on *Gorsachius melanolophus*. By C. Boden Kloss.—Fails to separate Hachisuka's new races (*Ibis*, 1926, pp. 585-592).

**British Birds.** XXI, No. 1. June, 1927.

Notes on the Breeding of the Jack Snipe. By Ralph Chislett.—With excellent photographic illustrations.

A Note on Song and Display of Kingfishers. By W. M. Marsden.

Manx Ornithological Notes, 1925 and 1926. By P. G. Ralfe.

The Stimulus to Migration. By A. L. T.—A notice and criticism of Mr. Rowan's article on "On Photoperiodism, Reproductive Periodicity, and Annual Migration" (see *Auk*, 1927, p. 275).

**British Birds.** XXI, No. 2. July, 1927.

Notes on the Nesting Habits of the Peregrine Falcon. By H. A. Gilbert.—With an admirable photograph of bird and nest.

Local Migration in Autumn in Southwest Forfarshire. By Henry Boase.

The supposed Nesting of the Velvet Scoter, Long-tailed Duck and Scaup in Scotland. By Rev. F. C. R. Jourdain.—Records unsatisfactory.

Tawny Owls and Batrachian Food. By E. St. George Betts.—Evidence of considerable toad or frog food.

**British Birds.** XXI, No. 3. August, 1927.

The Nestings of Some Further Rare British Birds. By H. F. Witherby.  
Recovery of Marked Birds.—A large number arranged systematically.

**Avicultural Magazine.** V, No. 6. June, 1927.

*Barnardius commelinae* Mathews, with a colored plate.

A Tame Honey-Guide. By Sydney Porter.

The Birds of Prey. By G. H. Gurney.—In captivity (continued in July).

**Avicultural Magazine.** V, No. 7. July, 1927.

*Palaeornis calthropae* with a colored plate.

The Tragopan's Display. By D. Seth-Smith.

**The Oölogists' Record.** VII, No. 2. June, 1927.

Nesting of the Harpy Eagle. By J. P. Norris, Jr.

Some Notes on the Breeding and Other Habits of the Black-headed Heron (*Ardea melanocephala*). By C. F. Pitman.

Nesting of the Golden Eagle, Duck Hawk and Prairie Falcon with photographs. By Wright M. Pierce.

**The Emu.** XXVII, Part 1. July, 1927.

Two *Neophema* Parrots. By E. Ashby.—With a colored plate of *N. chrysostoma* and *N. chrysogaster* and a key to all the species of the genus.

Field Notes on the Blue-winged Parrot (*N. chrysostoma*). By W. W. Giblin.

Further Notes on Rare Parrots. By Florence M. Irby.

Southern Outposts. By Clive Lord.—Little known rocks and islets off the southern coast of Tasmania.

Birds of Sandy Cape, Tasmania. By R. W. Legge.

The Genus *Amytornis*: A Review. By A. G. Campbell.

Effects of Droughts on Bird-Life in Central Queensland. By H. G. Barnard.

The Curious Frogmouth. By Florence M. Irby.—With an excellent photograph of a brooding bird.

The Button-grass Parrot. By Clive Lord.—*Pezoporus wallicus*.

**The South Australian Ornithologist.** IX, part 3. July, 1927.

Birds Seen between Oodnadatta and Alice Springs. By J. B. Cleland.

Albatrosses and Other Birds seen between Melbourne and the Bluff and Dunedin, N. J. By A. M. Morgan and J. B. Cleland.

Petrels off the North Cape, New Zealand. By J. B. Cleland.

**Revue Francaise d'Ornithologie.** No. 217. May, 1927. [In French.]

Catalogue of the Birds of the Department of Charente-Inferieure. By Cte. C. de Bonnet de Paillerets.—Arranged alphabetically by the French names.

On the Food Habits of the Cuckoo. By E. Plocq.

A Defence of Oölogists. By J. de Chavigny.

**Revue Francaise d'Ornithologie.** No. 218-219. June-July, 1927. [In French.]

A Study of the Unique French Capture of the Blue Tit (*Parus cyanus cyanus*). By M. Legendre.

The Breeding of *Anas strepera* in the Camargue. By T. deVries.

Geographic Distribution of the Serin (*Serinus canarius serinus*) in France. By Cte. C. de Bonnet de Paillerets.

Experiments on the Factors of Orientation in Birds.—With Carrier Pigeons.

**L'Oiseau.** VIII, No. 4. April, 1927. [In French.]

Colored plate of the blue variety of the Alexandrine Parrakeet.

The Birds of Prey. By G. H. Gurney.

The Ant-thrushes. By J. Berlioz.

**L'Oiseau.** VIII, No. 5. May, 1927. [In French.]

Plate of the Trumpeter Swans in the N. Y. Zoo, from a photograph.

The Steganopodes. By J. Delacour.

The Swans. By Marquis of Tavistock.

**Le Gerfaut.** 17, Fasc. 1. 1927. [In French.]

The Eyrie of the Sparrow Hawk. By L. Coopman.

A Glance at the Work of E. Mayr on the Spread of the Serin Finch. By C. Dupond.

**Journal für Ornithologie.** LXXV, Heft 2. April, 1927. [In German.]

Ninth and Tenth Reports on Bird Study at the Heligoland Biological Station. By Rudolf Drost.—With many records of banded birds.

On the Life History of *Acrocephalus schoenobaenus*. By Gottfried Schierman.

Biological Anatomy of the Flight Methods in Birds and their Phylogeny. By Hans Boher.—Relative length of the upper arm, forearm, hand, primaries, secondaries etc. An ingenious series of diagrams illustrate the differences graphically in 112 species. The author begins flight with the fluttering jump, then the fluttering flight, the regular pulsating flight

and, as the highest development, the soaring flight and the whistling or buzzing flight.

Remarks on Some Little Known Formicariidae from South and Middle Brazil. By E. Snethlage.

What is *Otocoris berlepschi*? By O. Neumann.—Probably a specimen of *O. rubea*, the locality "Caffraria" being doubtless a mistranscription of California.

Investigations on the Weights and Measurements of Birds' Eggs, By F. Groebels and F. Mobert.

**Journal für Ornithologie.** LXXV, Heft 3. July, 1927. [In German.]

Remarks on the Life History of *Mergus*. By E. Christoleit.

Further Contributions to Our Knowledge of the Thesaurus Picturatum of Marcus zum Lamm. By O. Schnurre.

Adolf Gueinzus as an Ornithologist. By Hugo Hildebrandt.

The Breaking Down of Our Conception of a Species I. Inconistency. By E. Hartert. II. Ecology and Species Making. By E. Stressemann and III. Reply to Stressemann's Rejoinder. By E. Hartert.—An interesting contribution to the never ending discussion as to the nature of a species.

My Expedition through Northeastern Brazil. By H. Snethlage.

New Forms of Palaeartic Birds. By A. V. Fediuschin.—Two races of *Parus atricapillus*, one of *Lanius minor* and one of *Corvus cornix* all from eastern Russia and Siberia.

**Ornithologische Monatsberichte.** 35, No. 4. July–August, 1927. [In German.]

The Murre Colonies of Nova Zembla. By G. P. Gorbunow.

On Some Forms of *Erythropygia*. By H. Grote.—*E. ruficauda iubilaea* (p. 103), Mikindani, German East Africa, and *E. r. iodomera* (p. 104) Usegua.

In 'Short Notes,' Stressemann describes *Centropus phasianus theifelderi* (p. 111) from Dutch New Guinea and H. Grote, *Sylvietta micrura adelphe* (p. 118) Baraka, Tanganyika.

**Ornithologische Beobachter.** XXIV, Fasc. 9. June, 1927. [In German.]

Eyrie of the Brown Kite. By P. Schnoof.

**Ornithologische Beobachter.** XXIV, Fasc. 10. July, 1927. [In German.]

Obituary of Johann Büttikofer.

Both issues contain many local items and reports on bird protection and banding.

**Contributions to the Breeding Habits of Birds.** III, No. 4. July, 1927. [In German.]

The Life History of *Pyrhcorax pyrrhcorax*. By Ernst Zollikofer.  
Breeding of Bradenburg Willow Tits. By G. Stein.  
On the Osprey. By F. Pens.—With a discussion of its calls.  
Observations on the Egg-Laying of the Cuckoo. By R. Stimming.

**Yearbook of the Netherlands Ornithological Club.** 17, Aff. 1.  
July, 1927. [In Dutch.]

The Birds of Java. By Snouckaert von Schauberg.  
Dichromatism in *Microtarsus*. By F. C. Van Heurn.

**Tori.** V, No. 23. June, 1927. [In Japanese.]

On a Collection of Birds from the Island of Basilan, Philippines. By  
N. Kuroda.

On the Breeding of the Wild Mallard in Hondo, Japan. By T. Ishizawa.

On the Breeding of the Japanese Sand Martin at Sakhalin. By G.  
Nakamura.

*Lobipes lobatus* Obtained at Saitama, Hondo. By T. Momiyama.

On the Origin of Names of Japanese Ptarmigan and the Superstition on  
them. By K. Okada.

A List of the Birds of Tokyo City. By N. Kuroda. [In English.]

#### Ornithological Articles in Other Journals.

**Canadian Records of Bird Banding Returns.** (*Canadian Field  
Naturalist*, May, 1927.)

**Rowan, William.** Details of the Release of the Hungarian Partridge  
(*Perdix perdix*) in Central Alberta. (*Canadian Field Naturalist*, May,  
1927.)

**Munro, J. A.** Observations on the Double-crested Cormorant on  
Lake Manitoba. (*Canadian Field Naturalist*, May, 1927.)

**Munro, J. A.** Concerning August Bird-Life in the Okanagan Valley,  
B. C., 1926. (*Canadian Field Naturalist*, May, 1927.)

**Our Arctic Bird Visitors.** (*Bull. Bucks Co., (Pa.) Fish Game and  
Forestry Assn.*, January 27, 1927.)—Records of Snowy Owls, Goshawks,  
etc.

**Phillips, John C.** Investigating the Ruffed Grouse. (*The Sports-  
man*, June, 1927.)

**Lewis, Harrison F.** The Philosophy of Wild Life Conservation.  
(*Rod and Gun and Canadian Silver Fox News*, August, 1927.)

**Birula, A.** On the Bird Life of the Arctic Coast of Siberia. (*Or-  
nithologische Monatsschrift*, January, 1927.)—An important daily record  
of the birds seen on the Russian Polar Expedition of 1900–1903. Un-  
fortunately the records are not arranged systematically. [In German.]