

of any without searching the complete list. 230 species are enumerated, but we miss the names of a number more that most certainly occur within the county.—P. A. T.

THE AUK 1923

(Continued from p. 28.)

ARRIVAL OF BIRDS IN RELATION TO SUNSPOTS.—

By Ralph E. De Lury, pp. 414-419.

The author, an officer in the Dominion Observatory, Ottawa, has obtained some very interesting data on the subject, viz., the records of arrival of the Cuckoo, Lark and Swallow at Montdidier, France, for the years between 1784 and 1869. These he charts and compares with the sunspot and attendant rainfall cycle for the same interval and the similarity of the curves produced is remarkable. In brief, the arrivals are later in the season during the maximum sunspot periods and vice versa. This is probably not a direct result of sunspot activity on the sun's disc but a secondary one dependent upon the weather produced.

THE BIRDS OF WELLINGTON AND WATERLOO COUNTIES, ONTARIO.—By J. Dewey Soper, pp. 489-513.

An annotated faunal list of 206 species. An interesting list from one of the richest ornithological fields in eastern Canada.

EIGHTEENTH SUPPLEMENT TO THE AMERICAN ORNITHOLOGISTS' UNION CHECK-LIST OF NORTH AMERICAN BIRDS.—By the Committee on Nomenclature, pp. 513-525.

Among the authorized changes in the *Check-List* of direct interest to Canadian ornithologists are the following:

Larus thayeri, Thayer's Gull, a new species added from Buchanan Bay, Ellesmere Land. In winter south to southern British Columbia.

Sterna caspia, Caspian Tern, becomes *Sterna caspia imperator*.

Priocella glacialis becomes *Priocella antarctica*.

Oceanodroma kaedingi, Kaeding's Petrel, is reduced to a subspecies of Leach's Petrel as *Oceanodroma leucorhoa kaedingi*.

Dafila acuta, Pintail Duck, becomes *Dafila acuta tizitzihoa*.

Histrionicus histrionicus pacificus, Western Harlequin Duck, is recognized as a subspecies.

Somateria dresseri, American Eider, becomes a subspecies of co-ordinate rank with the Northern Eider as *Somateria mollissima dresseri*.

Oidemia deglandi dixonii, Dixon's White-winged Scoter, is recognized as a north-western subspecies.

Olor becomes *Cygnus*, hence our Swans will become:

Cygnus columbianus, Whistling Swan.

Cygnus buccinator, Trumpeter Swan.

Philohela becomes *Rubicola*, hence our Woodcock will be *Rubicola minor*.

Gallinula galeata, Florida Gallinule, becomes *Gallinula chloropus cachinnans*.

Tringa becomes *Calidris*, hence the Knot will be *Calidris canutus*.

Machetes becomes *Philomachus*, hence the Ruff will be *Philomachus pugnax*.

The Black-bellied Plover in America becomes the American Black-bellied Plover, *Squatarola squatarola cynosurae*.

Dendragapus obscurus flemingi, Fleming's Grouse; *Bonasa umbellus thayeri*, Nova Scotia Ruffed Grouse; *Bonasa umbellus yukonensis*, Yukon Ruffed Grouse; and *Zenaidura macroura caurina*, Dusky Mourning Dove, are accepted as subspecies.

Aluco pratincola, Barn Owl, becomes *Tyto alba pratincola*.

Falco sparveria, Sparrow Hawk, becomes *Cerchneis sparveria*.

Cryptoglaux acadica brooksi, Island Saw-whet Owl; *Bubo virginianus lagophonus*, Northwestern Horned Owl; *Bubo virginianus occidentalis*, Pale Horned Owl; *Bubo virginianus neochorus*, Newfoundland Horned Owl; *Glaucidium gnoma swarthi*, Vancouver Pygmy Owl; *Glaucidium gnoma grinnelli*, Coast Pygmy Owl; *Dryobates villosus sitkensis*, Sitka Hairy Woodpecker; *Dryobates pubescens microleucus*, Newfoundland Downy Woodpecker; *Dryobates pubescens glacialis*, Valdez Downy Woodpecker; *Phlæotomus pileatus picinus*, Western Pileated Woodpecker; and *Colaptes auratus borealis*, Boreal Flicker, are accepted as subspecies.

Colaptes cafer saturator, Northwestern Flicker, becomes *Colaptes cafer cafer*.

Perisoreus canadensis sanfordi, Newfoundland Jay, is accepted as a subspecies.

Corvus caurinus, Northwestern Crow, is reduced to a subspecies of the American Crow as *Corvus brachyrhynchos caurinus*.

Pinicola enucleator eschatosus, Newfoundland Pine Grosbeak, and *Loxia curvirostra perna*, Newfoundland Crossbill, are accepted as subspecies.

Zamelodia becomes *Hedymeles*, so that we have:

Hedymeles ludovicianus, Rose-breasted Grosbeak.

Hedymeles melanocephalus, Black-headed Grosbeak.

Dendroica coronata hooveri, Hoover's Warbler, is accepted as a subspecies.

Ixobrychus neoxenus, Cory's Least Bittern, and *Cryptoglaux acadica scotæ*, Northwestern Saw-whet Owl, are eliminated.

NOTES ON THE DIVING OF LOONS AND DUCKS.—
By Nap. A. Comeau, p. 525.

This is an addition to a current discussion on the under-water use of wings by diving birds.

MOURNING DOVE AT CAP ROUGE, QUEBEC.—By
Gus. A. Langelier, p. 532.

This is an interesting record of a species rare near Quebec.

THE STARLING (*Sturnus vulgaris*) BREEDING AT
HATLEY, QUEBEC.—By Henry Mousley, p.
539.

The first breeding record for this species in Canada.

WHEATEAR AT GODBOUT, QUEBEC.—By Nap. A.
Comeau, pp. 544-545.

A summary of all his records of the species at Godbout from 1884 to 1922. This is the last published work of this veteran naturalist of the "North Shore", whose obituary has previously appeared in these pages.

FURTHER NOTES ON LAKE COUNTY, MINNESOTA,
BIRDS.—By Charles E. Johnson, pp. 547-548.

Adding four species to the list of birds of this locality, which closely adjoins a part of Ontario that is ornithologically almost unknown.

Under *Correspondence*, p. 571, is a letter by Hoyes Lloyd presenting a resolution of the Ottawa Field-Naturalists' Club, which urges that exact information regarding the locality of occurrence of the nesting places of certain rare birds be placed in the private records of responsible institutions but withheld from publication.

On pp. 572-573 is reported the death at Forest Glen, Maryland, on April 9, 1923, of the Rev. James Hibbert Langille. Mr. Langille was born at Mahone Bay, N.S., September 12, 1841. He is best known as the author of *Our Birds in Their Haunts*, a book that has had wide circulation and has guided many budding ornithologists.

ON THE NESTING GROUNDS OF THE SOLITARY
SANDPIPER AND THE LESSER YELLOWLEGS.—
By J. Fletcher Street, pp. 577-583.

This paper, accompanied by 4 interesting photographs, reports and describes the nesting of these species near Bowden, Alberta, in the summer of 1923.

FURTHER NOTES ON THE BREEDING OF THE STAR-
LING (*Sturnus vulgaris*) AT HATLEY, QUE.—
By Henry Mousley, pp. 694-695.

Further report on the nest previously reported, and announcement of another one.

SOME RECENT RECORDS FOR BRITISH COLUMBIA.—
By Allan Brooks, pp. 700-701.

Recording the taking of Wilson's Phalarope, adult male Black Merlin, and Dickcissel, as well as a sight record of the Ferruginous Rough-legged Hawk in British Columbia.

On page 722 is announced the death of James Stirton Wallace, a nature lover whom many naturalists will miss. He was born in Southampton, Bruce County, Ontario, in 1868, and died at Smith's Falls, Ontario, July 24, 1922, as the result of an accident. He was a member of the Ottawa Field-Naturalists' Club.—P. A. T.

PUBLICATIONS RECEIVED

Journal of the Elisha Mitchell Scientific Society. Vol. XL. Nos. 1 and 2. August, 1924. Chapel Hill, N.C., U.S.A.

The Mascoutens or Prairie Potawatomi Indians. Part I, Social Life and Ceremonies, by Alanson Skinner. Bulletin of the Public Museum of the City of Milwaukee. Vol. 6, No. 1, Pp. 1-262, Plates 1-8, Figs. 1-2. November 10, 1924. Milwaukee, Wis., U.S.A.

Monthly Weather Map, October, 1924. Meteorological Service, Dominion of Canada.

Bulletin de la Ligue Française pour la Protection des Oiseaux. Treizième Année. No. 9. September, 1924. Paris.

Bulletin de la Ligue Française pour la Protection des Oiseaux. Treizième Année. No. 10. Octobre, 1924. Paris.

Prace Zoologiczne. Polskiego Państwowego Muzeum Przyrodniczego. Tom I. Zeszyt 1, 1921. Zeszyt 2-3, 1922. Zeszyt 4, 1923. Warszawa.

Monthly Record of Meteorological Observations, May, 1924. Issued by the Meteorological Service of Canada. Ottawa, 1924.

Bulletin de la Ligue Française pour la Protection des Oiseaux. Treizième Année. No. 11, Novembre, 1924. Paris.

Report of the Secretary of Agriculture, 1924. Washington, 1924.

Report of Chief of Bureau of Biological Survey. Washington, 1924.

Notes on West American Whale Barnacles, by Ira E. Cornwall. Proc. Cal. Acad. Sci., 4th Ser., Vol. XIII, No. 26, pp. 421-431, plate 13. November 29, 1924.

Shrubs of Indiana, by Charles C. Deam. Dept. of Conservation, State of Indiana. Publication No. 44. 1924.

Journal of the Elisha Mitchell Scientific Society. Vol. XL. Nos. 3 and 4. December, 1924. Chapel Hill, N.C., U.S.A.

Monthly Weather Map, December, 1924. Meteorological Service, Dominion of Canada.

Recovery of Marked Birds. Reprints from *British Birds*, Vol. XVIII, No. 7, December 1, 1924.

Le Gerfaut, 14e Année, 1924, Fascicule III. Bruxelles, Belgique.

Le Gerfaut, 14e Année, 1924, Fascicule IV. Bruxelles, Belgique.

The Audubon Bulletin. Spring and Summer, 1924. Published by The Illinois Audubon Society. Chicago.





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