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1911
VIII Bibliography of Canadian Zoology for 1909
(Exclusive of Entomology)

By LAWRENCE M. LAMB, F.G.S.

(Read by title, September 28, 1910)

INVERTEBRATA

COELENTERATA

BIGELOW, HENRY B.
Cerenterates from Labrador and Newfoundland, collected by Mr. Owen Bryant from July to October, 1908.
Critical remarks are made on nineteen species of the families Cerapodote, Siphonophora, Siphonmnasa, and Urtophora.

ECHINODERMATA

VERRILL, A. E.
Remarkable development of starfishes on the north-west American coast.
Hybridism; multiplicity of rays; tentacle problems in evolution; geographical distribution.

VERMES

MOORE, J. PERCY.
The Polychaeta and Arenicola dredged in 1908 by Mr. Owen Bryant off the coasts of Labrador, Newfoundland and Nova Scotia.

MOLLUSCA

BAKER, FRANK C.
Range of Lymnaea umbilicata.

BARTSCH, PAUL.
Pyramidellids of New England and the adjacent region.
Also see Hall.

Communicated by permission of the Director of the Geological Survey, Department of Mines.
Dall, William Healey and Bartsch, Paul.
A monograph of west American Pyramidellid Molluscs.
Includes species from the coast of British Columbia.

Stafford, J.
The larva and spat of the Canadian Oyster. I. The larva.

Sterki, V.
Bifidaria armillata Say and its varieties.
The Nautilus. A rust and September, 1909, vol. xxiii, No. 4, pp. 52-54.

Walker, Bryant.
Notes on Planorbis. II. P. bicornatus.
The Nautilus, May, 1909, vol. xxiii, No. 1, pp. 1-10; and June, No. 2, pp. 21-32, with one plate and a map showing distribution.

Arthropoda.

Pilsbry, Henry A.
A new species of Seriadium from British Columbia.

Richardson, Harriet.
Isopods collected in the north-west Pacific by the U. S. Bureau of Fisheries Steamer “Albatross” in 1906.
Among the species described or recorded is Pentidotes vosnesenskii (Brandt), mentioned as occurring at Union bay, Bayne sound, British Columbia.

Taylor, Rev. Geo. W.
The Acclimatization of the Lobster.
Marine Life, February, 1909, vol. 1, No. 2, pp. 5-6, Vancouver, B.C.

Vertebrata.

Fish.

Barton, Warren Everman. See Jordan.

Jordan, David Starr, and Barton, Warren Everman.
Descriptions of three new species of Cisco, or Lake Herring (Argyrosomus), from the Great lakes of America; with a note on the species of White.

*Argyrosomus cronoe, A. krameri*, and A. southerns are described, the first two species from Port Stanley, Lake Erie, Ontario, the last from deep water off Isle Royale, Lake Superior.

**Kendall, William Converse.**

The Fishes of Labrador.


**Prince, E. E.**

The Fish and Fisheries of Manitoba.


**Taylor, Rev. Geo. W.**

The Trout of British Columbia.

Marine Life, April, 1909, vol. 1, No. 4, pp. 5-8, illustrated. Vancouver, B.C.

**Grob, Herbert.**

Snake behaviour.


**Reptilia.**

**Birds.**

**Anderson, Rudolph M.**

Nesting of the Bohemian Waxwing (Bombycilla garrulus).


Observations on Slave River, between Smith’s landing and Fort Smith, Alberta.

**Anderson, R. M.**

Breeding of Dendroica striata at Great Slave lake.


Record of occurrence of this species.

**Boutellier, R. S.**

Bird Migration, 1908. Observations made on Sable Island, Nova Scotia.

The Ottawa Naturalist, November, 1909, vol. xxiii, No. 8, p. 149.

**Brewster, William.**

Occurrence of the Whimbrel (Numenius phaeopus) off the coast of Nova Scotia.


**Brooks, Allan.**

Some notes on the birds of Okanagan, British Columbia.

Three records from British Columbia.
This note has reference to the species, Alcoa patagonica, Sites occid-
dentalis coxiana and Cathartes mexicana compressa.

CAUSEE, JAMES II

Birds on my farm this winter (1908-09).

CAUSEE, L.

Bobolink Wanwong.
Records the occurrence of this species at Guelph, Ont., in December.

CAVANERT, E. W.

Birds of Orangeville, Ontario, and vicinity.
The writer gives a list of 111 species personally observed, with an additional 29 species not seen by him but known to be visitors.

COIT, LEON J.

The destruction of birds at Niagara Falls.

CRIDDLE, NORMAN.

How the English sparrow is adapting itself to new conditions of life.
The author of this paper calls attention to the fact that, in Manitoba, an increasing number of the above species migrates southward during the colder months of the year.
The economic value of some common birds, part II.
Nor'West Farmer, July 5, 1909, pp. 748-751.
This article deals with the commoner species of Cecros, Woodpecker, Whip-poor-will, Nighthawk, Flycatcher, Horned Lark and Blue Jay found in the Province of Manitoba.

DIONNE, C. E.

Quelques notes sur la migration de nos oiseaux.

Dwight, Jr. J.

The Bluebird (Sialia sialis) in Quebec.
The writer notes the occurrence of this species at Tadoussac, Que.

ELLING, C.

Winter birds of new Ontario, and other notes on northern birds.
The Prairie Warbler (Dendroica discolor) in northern Ontario.
The Auk, October, 1909, vol. xxvii, No. 4, p. 432.
The Grasshopper Sparrow at Ottawa, Ontario.
The Auk, October, 1909, vol. xxxi, No. 4, p. 152.

Birds observed at Ottawa, Ontario, winter 1908-1909.

**Group II**

The tragic side of bird life.

**HunniNGEtt, Rev. W. L., and Jones, Landes.**
The falcons of North America.

Jones, Landes. See HunniNGEtt.

**K. - A. B.**

A remarkable migration of Yellow-bellied Sapsuckers.

Notes on some birds of Bruce Co., Ontario.

**Macoun, John, and Macoun, James M.**

Catalogue of Canadian Birds.
Geological Survey Branch, Department of Mines, Canada, 1909.
The present publication consists of the parts 1, 2, and 3 which appeared in 1900, 1903, and 1904 respectively. Much of the material has been rewritten and many additional facts are recorded. 568 species are enumerated, with critical notes regarding their range and habitat. This edition forms a most valuable work of reference and增补 to date our knowledge of Canadian birds.

**Macoun, James M.** See Macoun, John.

**NASH, C. W.**

Ontario Department of Agriculture, pp. 1-95, with 18 illustrations, 1909.

**Ottawa Naturalist, The: Editorial.**

Excursions.
Record of birds, etc., observed.

**Saunders, W. E.**

Rough-legged Hawk notes.
Summer birds of the southern edge of western Ontario.
See IV, 1910, 7.
Winter birds at Point Pelee.


Crookshank's nesting in southern Ontario.

The Ottawa Naturalist, July, 1909, vol. xxiii, No. 4, p. 81.

The rapid extermination of the Bald Eagle.


Notes on the birds of Durham, Ont.


The Sharp-shinned Hawk migration.


Rare Birds at Point Pelee.

The Ottawa Naturalist, December, 1909, vol. xxiii, No. 9, pp. 160–162

The third specimen of the Summer Tanager for Canada.


The Acadian Flycatcher in Ontario.

The Auk, October, 1909, vol. xxvi, No. 4, p. 130.

STANSELL, SIDNEY. S. S.

Birds of Stony Plain, Alberta.


A list of 123 species, with dates of first appearance in 1907 and 1908, and remarks on each species as to whether it breeds at the above locality, and is common, or otherwise, etc.

Birds of central Alberta.


Gives a valuable list of 157 species.

TERRILL, L. MEL.

Bird notes.


TOWNSEND, CHARLES W.

Labrador Notes.


Consists of observations on the following species: Anas platyrhynchos, Dendroica aurora, Setophaga spectabilis, Porzana carolina, Falco islandica, Calopeetes auratus latius, Dendroica avara and Hirundo erythrogaster.

TROTTER, SPENCER.

The geological and geographical relations of the land-bird fauna of north-eastern America.


Includes references to the land-bird fauna of eastern Canada.

VENABLES, E. P.

The Burrowing Owl (Cunicularia hypogea).


MAMMALS.

KEEN, J. H.

Caribou on the Queen Charlotte islands.

MACPHERSON, J. M.
An early Bat.
Records the appearance of *Vespertilio furcatus.* Beauty in Ottawa, Ont., on February 21st.

NELSON, E. W.
The rabbits of North America.

OSGOOD, WILFRED H.
Revision of the mice of the American genus *Peromyscus.*

PRINCE, E. E.
The prong-horn Antelope.

SAUNDERS, W. E.
On the hibernation of the Jumping Mouse, and notes on the Check List of the mammals, issued by the Department of Education, Toronto.
The Ontario Natural Science Bulletin, No. 5, 1909, pp. 4-8.

SELON, ERNEST THOMPSON.

MISCELLANEOUS.

BERNIER, J. E.
In chapter IX are to be found short notes on the whales, seals and fishes of the northern waters of Canada.

HALLETT, ANDREW.
Natural History Report.
Appendix No. 21, 42nd Annual Report, Department Marine and Fisheries, 1908-9, Fisheries, pp. 386-394, 1909.

KERMODE, FRANCIS.

OSGOOD, WILFRED H.
Biological investigations in Alaska and Yukon Territory.
Mammals and birds.
Piers, Harry.
Halifax, N.S., 1909.
Mention on pp. 8-10, rare accessions to the museum from within the limits of the province.

Seton, Ernest Thompson.

Turner, J. P.
The game fields of the west.