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Bibliography of Canadian Zoology, 1913

by

E. M. WALKER, B.A., M.B.
Bibliography of Canadian Zoology, 1913.

(Licnology of Entornology)


Presented by Lawrence M. Lamb, F.R.S.C.

INVERTEBRATA

CHIESTER.

Bingcow, M.


A number of species are reported from off the coast of British Columbia. Pandia rubra, n. sp. (Pt. 2, pts. 1-7) was taken off the coast of the Queen Charlotte Islands.

Fraser, C. McLennan.

Hydroids from Vancouver Island.


Sixty-three species are listed, with notes on their habitats and local distribution.

Hydroids from Nova Scotia.


Fifty species are listed and two new species described, viz. *Pandia magnifica* and *Crypteda trianalis*.

McDermott, J. Faeyer.

On two new Actinians from the coast of British Columbia.


Describes *Pandia quadrupunctata*, n. sp. and *Pandia aequitibia*, n. sp., and gives a key to the known species of *Pandia*.

Description of a new species of Actinia of the genus *Edwardsella* from Southern California.

Annelida.

LEROY, John Thomas
The Siponimids of the eastern coast of North America.
Five species and varieties are reported from Canadian waters, viz. Phascolosoma margaritaceum (Sars), P. australiensis (Montagu) and varieties fusca, n. var., and canadensis n. var., and P. alberti Shuter.

McIntosh, William C.
Notes from the Gatty Marine Laboratory, St. Andrews, No. xxxv, 3.
On Myriochaete hewii etc. dredged in the Gulf of St. Lawrence, Canada, by Dr. Whitsides.
Annals and Magazine of Natural History, 1913, 8th series, vol. xii, No. 98, pp. 166-169.

Potts, E. A.
Stolon formation in certain species of Trypanosyllis.
The same of Odontosyllis.

Arthropoda.

Prince, Edward E.
A new Canadian Cirripede, parasitic on a Shrimp.
The Ottawa Naturalist, May, 1913, vol. xxvi, No. 10, pp. 121-125, with text figures 1-5.
An account of a remarkable new Rhizocephalan parasite of Cragon, from Vancouver Island, described by F. A. Potts as Myxomorpha vancouverensis.

Stewart, Dorothy A.
A report on the extra-Antarctic Amphipoda Hyperidea collected by the "Discovery."
Annals and Magazine of Natural History, 1913, 8th series, vol. xii, No. 69, pp. 245-265.
In this paper Hyperia galba (Montagu) is reported from the Banks of Newfoundland.

Robertson, A. D.
Mollusca (of the Toronto Region).
The Natural History of the Toronto Region, chap. xxi, pp. 288-394.
The Canadian Institute, Toronto, 1913.

Statford, Joseph.
The Canadian Oyster—its development, environment and culture.
The Commission of Conservation, Canada, 1913, 159 pp. with 4 plates and 1 map.
STERK, A.
Sphacelida, old and new, II.
The Nautilus, February, 1913, vol. xxxv, No. 10, pp. 11, 119
Contains a description of a new species, Prostabon, occurring in
various parts of British Columbia.

THOMSON, W. F.
Report on the clam beds of British Columbia.
Report of the Commission of Fisheries for the year ending Dec. 31,
1912. Province of British Columbia, pp. 47-50, with 11 plates.

WALKER, BRYAN
The Locomotion of the Great Lakes
The Nautilus, June, 1913, vol. xxxv, No. 7, pp. 18-25, with one text
figure.
Idem, July, 1913, vol. xxxv, No. 8, pp. 29-41, with two text figures.
Idem, August, 1913, vol. xxxv, No. 9, pp. 41-47, with two text
figures.
A careful study of the organ and distribution of the locomotive of the
region.

HUNSMAN, F. G.
Protochitinae. In Ascidians.
two text figures.

On the origin of the Ascidian Mouth
two text figures.

The classification of the Stychidae
Zoologischer Anzeiger, April, 1913, Bd. X., No. 11, pp. 182-204, with
13 text figures.

KELLET, WILLIAM E.
The Simple Ascidians from the Northeastern Pacific in the collection of the
United States National Museum.
Includes records of species from British Columbia waters.

MOLLUSCA

DAVIES, WILLIAM HUMPHREY
Diagnoses of new shells from the Pacific Ocean.
Includes Pariopatella jacobsi, n. sp., from the Gulf of Georgia.

DAVIES, WILLIAM HUMPHREY and DAVIES, F.
New species of Mollusks from the Atlantic and Pacific Coasts of Canada.
Bulletin No. 4, Victoria Memorial Museum, Zoological Survey of
Canada, 1913, pp. 149-115, with plates 4.

Sec. IV, 1914-21.
Contains descriptions of six species of Gastéropods of which five are new, viz: 
1. *Loborhila* (Ptychidium hebrae *Barrington Passage, N. S.*). 
2. *Oliostoma* (Cymosoma) *coastarum*, *Cymosoma cyphus*, *O. calceum* *hypida* and *O. calceum skidegatean*, all from Skidegate.

HANHAM, A. W. 
Notices of new British Columbia Marine-fells 

KEMP, E. W. 
Report on oyster culture by the Department's expert for the season of 1912. 
Gives information on oyster culture in the Maritime Provinces.

LATCHFORD, Hon. F. R. 
Preliminary list of Ottawa Sphaerididae. 
Records 12 species of bivalves of this family from the vicinity of Ottawa.

PALLEN, W. J. 
Oyster farming in Prince Edward Island. 

**VERTEBRATA.**

**PISCES (Fish).**

BRAKE, W. H. 
The wing-footed or shining one. 
The University Magazine, 1913, vol. xii, No. 2, pp. 288-298. 
A charming article, containing a description of the Mallery Trout (*Salvelinus nitidus* or *alpius*) and its haunts in Northern Quebec.

CAMERON, A. T. 
Note on the iodine content of fish-ethylene. 

GILBERT, C. H. 
Age at maturity of the Pacific Coast Salmon of the genus *Oncorhynchus*. 
Report of the Commission of Fisheries for the year ending December 31, 1912, Province of British Columbia, pp. 57-70, with 19 plates (1913). 
(Reprinted by permission of the Bureau of Fisheries, Washington, D.C.).

Descriptions of two new fishes of the genus *Triglops* from the Atlantic coast of North America.
HARTFELD, A. N.·

Check list of the fishes of the Dominion of Canada and Newfoundland.

Ottawa, 1914, 138 pp. with 11 plates. Issued from the Department of Marine and Fisheries.

Notes on the distribution of each species are given and the majority are illustrated by reproductions from photographs.

McMorRICH, J. PLYM A R K.

The life cycles of the Pacific Coast Salmon belonging to the genus Onchorhynchus, as revealed by their scale and otolith markings.


Notes on the scale markings of the Haliotis and their bearing on issues connected with the conservation of the Fishery.


Some further observations in the life histories of the Pacific Coast Salmon belonging to their scale and otolith markings.


Simmon fisheries of British Columbia.


NASH, C. W.

Fishes of the Toronto Region.

The Natural History of the Toronto Region, chap xix, pp. 249-271.

The Canadian Institute, Toronto, 1913.

PICKET, EDWARD E.

The Pearlsh. A luminous fish new to Canada.

Rod and Gun in Canada, April 1913, vol. 11, No. 11, pp. 113-118, with 1 figure.

A popular account of a remarkable luminous fish, Metaclea pennata Wallaum.

Ropp, J. A.

Fish Breeding.

Forty-sixth Annual Report, Department of Marine and Fisheries, 1912-1913, Fisheries, Appendix No. 18, pp. 356-358.

Gives information on the operations of the 51 hatcheries distributed throughout the Dominion and a statement of the distribution of fry from the hatcheries during the season of 1913.
TANNER, THOMAS

Report on fish and fisheries of Hudson Strait based on observations made during an official patrol, October, 1912, to September 1913, by Thomas Tanner, Dominion Customs and Fishing officer.

Forty-sixth Annual Report, Department of Marine and Fisheries, 1912-1913 (1913). Fisheries, Appendix No. 19, pp. 399-400.

Information is given on the kinds of food-fish and possibilities of development of the fisheries of this region.

AEREOCHIA (Batrachians)

COFFE, HENRI

Le chant des grenouilles.


Describes the sounds produced by various species of toads and frogs.

PHELPS, W. H.

Amphibia of the Toronto Region:
The Natural History of the Toronto Region, chap. xviii, pp. 242-248.
The Canadian Institute, Toronto, 1913.

THOMSON, FLORENCE D.

On some organs in the cervical region of the frog.

Transactions of the Royal Society of Canada, 3rd series, 1912-1913, vol. xi, section iv, pp. 61-71, with plates 44.

REPTILIA.

WILLIAMS, F. B.

Reptiles of the Toronto Region:
The Natural History of the Toronto Region, chap. xviii, pp. 238-244.
The Canadian Institute, Toronto, 1913.

AVES. (Birds)

AVIGNON, L.

L'appareil de Oiseaux.


BEMPECH, LAWRENCE

Bird Notes:

Records the occurrence of a flock of Canada Jays near Kakabeka station, Keewatin Co., Ontario, an unusually southern locality.

BROOK, A. C.

Bird Notes:

Gives notes on 19 species of birds from the north-east coast of Labrador.
Bird-Lore—Editorial:
Records of birds observed about Christmas time in many localities including Guelph, London, Millbrook and Redburn, Ontario.

Camwell, E. W.
The Ontario Natural Science Bulletin, No. 8, 1913, pp. 81-95.
Migration report of the Wellington Field Naturalists’ Club, Station Guelph, Ontario, Season of 1912.
The Ontario Natural Science Bulletin, No. 8, 1913, pp. 84-85.
Gives dates of first and last appearance of birds, notes on abundance or scarcity, and whether they breed in this locality or not.

Chapman, Frank M.
Notes on the plumage of North American Sparrows—Nineteenth Paper
Bird-Lore, January-February, 1913, vol. XV, No. 1, pp. 24-19, with coloured frontispiece and one text figure.
Describes the plumage of the Snow Bunting and McKay’s Snow Bunting.

Notes on the plumage of North American Sparrows—Twentieth Paper
Ibidem, March-April, 1913, vol. XV, No. 2, pp. 80-109, with coloured frontispiece.
Describes the plumage of the Fox Sparrow.

Notes on the plumage of North American Sparrows—Twenty-first Paper
Describes the plumage of Harris’s Sparrow and the Golden-crowned Sparrow.

Notes on the plumage of North American Sparrows—Twenty-fourth Paper
Describes the plumage of the American Rosy Finch.
See also Miller, W. de W.

Clayton, Robert H.
Evening Grosbeak in Ontario
Reports seeing a flock of this bird at Cobalt, Ontario.

Clark, Howard H.
What the American Bird Rearing Association Has Accomplished Since 1912
Contains references to results obtained in Ontario and Nova Scotia.

Cleghorn, Allen
The winter birds of Algoma Park
COOKE, WELLS W.
The migration of North American Sparrows—Twentieth Paper.
Gives dates and localities in connection with the migration of the
Snow Bunting.
The migration of North American Sparrows—Twenty-first Paper.
Ibid, March-April, 1913, vol. xv, No. 2, pp. 104-107, with map of
North America, showing isochronal lines of the Fox Sparrow.
Gives details of the Fox Sparrow.
The migration of North American Sparrows—Twenty-second Paper.
The Pyrrhuloxia and the Cardinal.
The migration of North American Sparrows—Twenty-third Paper.
The Black-throated Sparrow, Bell's Sparrow, the Sage Sparrow and
Lincoln's Sparrow.
The migration of North American Sparrows—Twenty-fourth Paper
Ibid, September-October, 1913, vol. xv, No. 5, pp. 301-303
Harris's Sparrow and the Golden-crowned Sparrow.
The migration of North American Sparrows—Twenty-fifth Paper.
The Aleutian Rosy Finch.
Distribution and migration of North American Herons and their allies.
Biological Survey, Bulletin No. 45, May, 1913, United States Depart-
ment of Agriculture, pp. 1-79, with 21 maps.
The maps illustrate the distribution, places of breeding and occurrence
during the summer of these birds.
Saving the ducks and geese.
301-350, with 8 half-tone illustrations and 7 maps.
The maps illustrate the distribution, migration routes and breeding
places of North American Ducks and Geese.

CLIFTON, NORMAN.
New or rare bird records from Manitoba, 1912.
Records the occurrence of Sooty Phoebe and Oberholster's Horned
Lark in Manitoba and gives notes on the distribution of several other
birds.

DRAKE, E. N.
Records.
The Oologist, October, 1913, vol. xxx, No. 10, p. 263.
Gives notes on the Mourning Dove and Great Blue Heron at Fort
William, Ontario.

DROUX&, C. L.
Ornithologie de Belle-Isle.
Le Naturaliste Canadien, July, 1913, vol. xi, (xx of the new series),
No. 1, pp. 1-8.
A general description of the island is given with a few ornithologic notes,
and a list of 49 species of birds.
A vacation in Quebec
Contains observation on birds at Lake and River Falls, 1st battle of Quebec, Boys' Point, Pointe Claire, and Lake Lamo, Pointe Claire, Ontario.

FRANK, L. E.
Is Battani's Sandpiper Disappearing from the Prairies?
The Ottawa Naturalist, August-September, 1913, vol. xiv, No. 5, p. 63
A statement of the growing scarcity of this breeder of central Alberta.

FISHER, MOREZ
A Vanished Race
Bird Lore, March-April, 1914, vol. xiv, No. 2, pp. 57-84
An historical account of the gradual decline in numbers and final extinction of the Passenger Pigeon.
References are made to birds observed near Cape Kildare on Prince Edward Island, by Jacques Cartier in 1534.

FLATINO, J. H.
Ontario Bird Notes
The Ark, April, 1914, vol. xxv, No. 2, pp. 95-128
Contains the first Ontario records of Monticola saxatilis, Bobwhite, Gallinago sp., Hesper Alca alpaca, and Black-throated Finch.

Birds of the Toronto Region
The Natural History of the Toronto Region, chap. xxvi, pp. 349-422
The Canadian Institute, Toronto, 1915, Reprint, 1916.

FOURSHELL, E. H.
The last Passenger Pigeon
References are made to an alleged capture of this bird at St. Vincent, Quebec, in 1905, and to its breeding in large flocks in Manitoba in 1878.

GOODEV, R. B.
The Vanishing Wild Turkey

GROSSLER, J.
Two new races of the hawk owl from the Pacific Coast
The Ark, April, 1915, vol. xxv, No. 2, pp. 220-234
Contains a description of Harriettia xanthopterus, a subspecies from Errington, Vancouver Island, B.C.

GREEN, HERBERT
The Battani's Sandpiper.
The Ontario Natural Science Bulletin, 1913, No. 8, p. 59
Reported from Preston, Ontario.
HAKELI, ANDREW.
Nest of Belted Kingfisher.
The Ottawa Naturalist, August-September, 1913, vol. xxvii, Nos. 5 and 6, p. 70.
Description of a nest found at Mach Lake, Quebec, and acquired by the Canadian Fisheries Museum.

HALLMAN, NORMAN.
A Record.
The Oologist, June, 1913, vol. xxx, 1. 6, p. 100.
Records finding of a nest of the Bartramian Sandpiper at Port Britain, Ontario.
The Greater Yellow Legs.
The Oologist, June, 1913, vol. xxx, No. 6, p. 102.
Reports observation of the Greater Yellow Legs at Carberry's Pond and the Lesser Yellow Legs at Port Britain, Ontario.

HOBBS, R. HEBER.
A few notes on Newfoundland Birds.
Notes on eight species of birds.

LEWIS, HARRISON E.
The Evening Grosbeak in Nova Scotia.
Notes the occurrence of this bird at Truro, N.S.

MACDONALD, JAMES M.
List of the birds noted in Strathcona Park in July and August, 1912.

MILLER, W. D. W.
Notes on the Plumage of North American Sparrows.
Twenty-second Paper
Discusses the plumage of the Pyrrhuloxia (Pyrrhuloxia sinuata) and the Cardinal (Cardinalis cardinalis).
(See also Chapman, F. M.)

MITCHELL, FRED.
Conditions against which bird life is contending.
The Ontario Natural Science Bulletin, 1913, No. 8, pp. 18-50.

MOORE, ROBERT THOMAS.
The Fox Sparrow as a singer.
The Auk, April, 1913, vol. xxv, No. 2, pp. 177-187, with plate 5
Musical records of songs of this bird made in the Magdalen Islands, Quebec.

NASH, C. W.
Birds of Ontario in relation to agriculture.
BIBLIOGRAPHY OF CANADIAN ZOOLOGY, 1913

NATURIST CANADIAN, L. E. Edmund
The addition a la faune ornithologique. Le canard de Quebec. April, 1913, vol. xxxvi, No. 10, p. 145
Records the capture of _Anas carolinensis_ or eastern in the Province of Quebec

RAME, WALTER
Imperial Nesting Sites of the American Merganser. Mont. et terr. can.
The Oologist, September, 1913, vol. xxxv, No. 9, pp. 150-153 in The Ottawa Naturalist

REINSTEET, OTTOVAN
Eldrator imbret. Toon
The Oologist, November, 1913, vol. xxxv, No. 11, pp. 170-178, with plate showing male and female birds.
Reference is made to the capture of a male at Muskoka Lake

ROD AND GUN IN CANADA, Editorial
The Passenger Pigeon.
January, 1913, vol. xiv, No. 1, p. 886

SAUNDERS, W. E.
The Hooded Merganser nesting in Southwestern Ontario
The Ottawa Naturalist, January, 1913, vol. xxxvi, No. 10, p. 140
Reports the nesting of this duck near Guelph

Lincoln's Sparrow nesting in Bruce County, Ontario
The Ottawa Naturalist, February, 1913, vol. xxxvi, No. 11, pp. 141-143

Harris's Sparrow in Eastern Ontario
The Avik, January, 1913, vol. xxx, No. 1, p. 111
Reports the capture of a male of this species at London, Ontario

Hudsonian Godwit in the Magdalen Islands.
The Avik, April, 1913, vol. xxx, No. 3, p. 274

Vanished and Vanishing wild birds.
Rod and Gun in Canada, March, 1913, vol. xiv, No. 10, pp. 1002-1004

SPECHY, H. M.
Bird Note.
The Ottawa Naturalist, December, 1913, vol. xxxvii, No. 9, p. 146
Records the nesting of the Swallow, _Sporus bernica_, in September, at Pilot Mound, Manitoba

TURKET, J. McC.
Bird Notes.
The Ottawa Naturalist, August-September, 1913, vol. xxxvii, No. 8 and 9, p. 76
Notes on four species of birds observed on the line of the National Transcontinental Railway, about 50 miles east of Cochrane, Ont.

Lady winter bird seen 1913-14
The Ottawa Naturalist, June-July, 1913, vol. xxxvii, Nos. 3 and 4, pp. 15-16.
TOWNSEND, CHARLES W.
Some more Labrador Notes.
Notes on 58 species of birds from the Labrador Peninsula, vicinity of Natashquan River.

FLETCHER, HAROLD L.
A nesting season in Nova Scotia.
Contains descriptive notes on the nesting habits of a number of birds observed in the vicinity of Caledonia, Nova Scotia.

WOODCOCK, JOHN.
The Sharp-tailed Grouse in Manitoba.

WRIGHT, ALBERT HAZEN.
The Passenger Pigeon: Early Historical Records, 1541-1860.
Contains various references to flights of this bird and to methods of capturing and uses made of it in Canada.

MAMMALS.

ALLEN, J. A.
Oriental and other variations in Muskoxen, with a systematic review of the Muskox group, recent and extinct.

BANGE, ORFRED.
The Land Mammals of Newfoundland.
Notes are given on the indigenous land mammals, and descriptions of Musculus cricognathi irregulorum, n. subsp., and Castor ector, n. sp.; and a nominal list of all the Newfoundland mammals.

GIRDLE, NORMAN.
Gophers of the Prairie Provinces and their control.
A review of the life history and habits of Cottus franklini, richardsoni and twolindremus, with methods for their control.
GRAFTON, NORMAN AND GRIFFITH, STEVEE.
The Ottawa Naturalist, August-September, 1943, vol. xxix, Nos. 5 and 6, pp. 1-19.
Describes the life history of this animal and the existence of the authors with four captures.

GRIFFITH, STEVEE.
*Zapus princeps minor* - A new mouse record for Manitoba.
Reports this species of jumping mouse from Wawane, Manitoba, and gives a description of it, with ecological notes.

FLEMING, J. H.
Mammals of the Toronto Region.
The Natural History of the Toronto Region, chap. xv, pp. 206-241.
The Canadian Institute, Toronto, 1913 - Reprints, pp. 1-6.

HARFISHER, N.
A Synopsis of the American Minks.
The following forms are reported from various parts of Canada: *Mustela rixonii* Schreber, *M. melanogenys* Prude, *M. erminea* "German" (Rangia) and *M. tricolor agrestis*.

Jones, J. Walter
Far-farming in Canada.
Commission of Conservation, Canada, 1913

KOWARZIK, R.D.
*Ermas über die Wallen der Wildschafe und ihre Verbreitung*.
Zool. Anzeiger, March 1913, Bd. 131, Nr. 3, pp. 139-145.
Contains references to the distribution of Canadian species of wild sheep.

LYDEKKER, R.
Catalogue of the Ungulate Mammals in the British Museum.
London, 1913, pp. xiv + 240.
Contains references to specimens from Canadian locations.

SAUNDERS, W. E.
The Prairie Deer Mouse in London.
STIRLING, HERBERT L.,
The Great Western Rabbit Circle.
Discusses the migration of hares in western Canada.

VINCENT, SWALE.
The abdominal chromophil body of the dog.
Transactions of the Royal Society of Canada. 1912 (1913) Series 3, vol. vi, Section iv, pp. 79-82, with fig. 1.

MISCELLANEOUS

CAMERON, A. L., AND BROWNELL, T. L.
The effect of low temperatures on cold-blooded animals.

DOMINION SHELL FISH FISHERY COMMISSION.
Gives information on the habits and life-history of the lobster, oyster, hard and soft-shell clams and scallop.

HARKER, ANDREW.
Natural History Report.
Forty-sixth Annual Report, Department of Marine and Fisheries.
Fisheries, Appendix No. 17, pp. 351-355.
Includes a list of 85 species of fishes belonging to the Fisheries Museum.

HARDY, A. A., VICTOR A.
Abridged Zoologie de edition, 138 pp., 122 figures, Quebec, 1913.
(Notes abrége d’histoire naturelle, à l’usage des maisons d’éducation !)

HUNTSMA, A. G.
Invertebrates other than insects and mollusks (of the Toronto Region).
The Natural History of the Toronto Region, chap. xx, pp. 272-287.
The Canadian Institute, Toronto, 1913.

KEMP, ERNEST.
Report on oyster culture by the Department’s expert for the season of 1912.
Forty-sixth Annual Report, Department of Marine and Fisheries, 1912-1913 (1913), Fisheries, Appendix, No. 16, pp. 344-350.
Gives information on oyster culture in the Maritime Provinces.

LAMBE, LAWRENCE M.
Bibliography of Canadian Zoology for 1911 (exclusive of Entomology).
Transactions of the Royal Society of Canada, 1912 (1913), Series 3, section IV, pp. 101-114.
McMurdo, J. B. (1918)
Zoology of the Toronto region.
The Natural History of the Toronto Region, chap. xiv., pp. 265.
Introduction. The Canadian Institute, Toronto, 1918.

Prince, Edward L.
Some rare cases of albinism in animals.
The Ottawa Naturalist, December, 1918, vol. xxx., No. 9, pp. 137-147.
Describes albinos of seacow, lobster, and porpoise, and discusses
the subject of albinism.

Superintendent, Game and Fisheries Department
Sixth Annual Report of the Game and Fisheries Department
Toronto, 1913, p. 145.
Contains information on the abundance or scarcity of fish, birds
and mammals in various parts of Ontario. Includes also coloured
illustrations of the Green-winged Teal (Anas crecca), Wilson's
Snipe (Gallinago delicata), Sparkled Bass (Romany speculum) and
Pike (Esox lucius).