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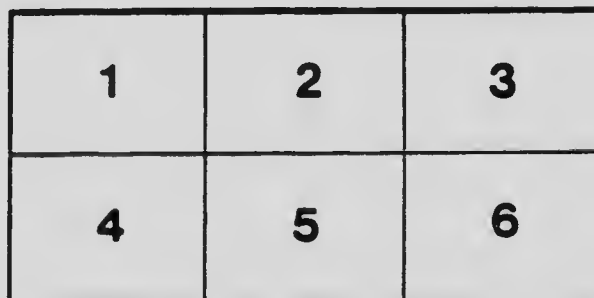
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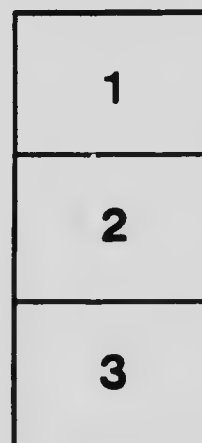
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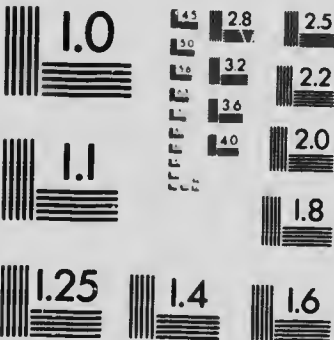
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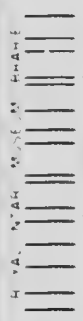


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**Bibliography of Canadian Zoology for
the year 1914**

by

E. M. WALKER, B.A., M.B.

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*Bibliography of Canadian Zoology, 1914.**(Exclusive of Entomology)*

By E. M. WALKER, B.A., M.B., F.R.S.C.

(Read by Title, May Meeting, 1915)

INVERTEBRATA

CÉLÉNTÉRAEA.

FRASER, C. MCLEAN.

Some Hydroids of the Vancouver Island Region.

Transactions of the Royal Society of Canada, Series iii, 1914, vol. viii, section iv, pp. 217-222, with 1 plate.

A detailed systematic account of the hydroids of this region, with keys to the species and a discussion of their geographical distribution. Several new species are described.

Notes on some Alaskan Hydroids.

Transactions of the Royal Society of Canada, Series iii, 1914, vol. viii, section iv, pp. 217-222, with 1 plate.

Notes on 15 species, of which one is described as new.

ECHINODERMATA.

VERRILL, A. E.

Monograph of the shallow-water starfishes of the North Pacific Coast from the Arctic Ocean to California.

Papers from the Harriman Alaska Expedition, 1914, vol. xiv, part i, text, 408 pp.; part ii, plates.

A valuable treatise on this group, giving detailed descriptions of all the species. It is very fully and beautifully illustrated.

KOEHLER, RENÉ.

A contribution to the study of Ophiurans of the United States National Museum.

Smithsonian Institution, U.S. National Museum, Bulletin 84, 1914, 173 pp., with 18 plates.

Ophioglypha sarsii, *O. lymani* and *Ophiactis asperula* are recorded from Canadian waters.

VERMES.

COBB, N. A.

The North American free-living fresh-water Nematodes.

Contributions to a Science of Nematology, II.

Transactions of the American Microscopical Society, April, 1914, vol. xxxiii, no. 2, pp. 69-119, with plates ii-vii.

Spilophora canadensis, n. sp. and *Oncholaimus punctatus*, n. sp., are recorded from Cape Breton Island, N.S.

COOPER, A. R.

On the systematic position of *Haplobothrium globuliforme* Cooper.
Transactions of the Royal Society of Canada, Series iii, 1914, vol.
viii, section iv, pp. 1-5.
Describes this new genus and species of Cestodes.

A new Cestode from *Amia calva* L.

Transactions of the Royal Canadian Institute, 1914, vol. x, pp. 81-119,
with plates 5-7.

A detailed and well illustrated account of the morphology of *Haplo-
bothrium globuliforme* Cooper.

DUFF, DOROTHY.

The Beaver Fluke, *Amphistomum subtriquetrum* Rudolphi.

Transactions of the Royal Society of Canada, Series iii, 1914, vol.
viii, section iv, pp. 87-98, with 14 figures.

LA RUE, GEORGE ROGER.

A revision of the Cestode family Proteocephalidae.

Illinois Biological Monographs, University of Illinois Bulletin, July-
October, 1914, vol. xii, no. 13, 350 pp., 16 plates.

An elaborate study of the taxonomy and host relations of this family
of tape-worms.

Contains a record of *Proteocephalus pusillus* from *Cristivomer namay-
cush* taken from Lake Temagami, Ont.

POTTS, F. A.

Polychaeta from the North-eastern Pacific: the Chaetopteridae. With
an account of the phenomenon of asexual reproduction in Phyllo-
chaetopterus and the description of two new species of Chaetopteridae
from the Atlantic.

Proceedings of the Zoological Society of London, 1914, pp. 955-994,
with 6 plates.

WELCH, PAUL SMITH.

Studies on the Enchytraeidae of North America.

Bulletin of the Illinois State Laboratory of Natural History, X, March,
1914, pp. 123-212, with plates viii-xii.

Enchytraeus saxicola Eisen and *E. citrinus* Eisen are reported from
Lowe Inlet, B.C.

ARTHROPODA.

WECKEL, ADA L.

Free-swimming fresh-water Entomostraca of North America.

Transactions of the American Microscopical Society, 1914, vol.
xxxiii, no. 3, pp. 165-201, with 14 text figures.

Contains a reference to *Diaptomus tenuicaudatus* Marsh from Glen
Lake, Saskatchewan.

MOLLUSCA

HANHAM, A. W.

Notes on Mollusks from British Columbia

The Nautilus, December, 1914, vol. xxviii, no. 8, pp. 87-88

Gives notes on nine species.

LATCHFORD, F. R.

Valvata piscinalis in Canada

The Nautilus, May, 1914, vol. xxviii, No. 4, p. 10

This European species was found in numbers at Humbler Bay, Toronto, Ont.

NYLANDER, OLAF O.

Distribution of some fresh-water shells of the St. John's River Valley in Maine, New Brunswick and Quebec.

The Nautilus, April, 1914, vol. xxvii, No. 12, pp. 139-141

Gives notes on the distribution of 18 species of fresh-water and 7 species of land mollusca.

ORTMANN, A. E.

Studies in Najades.

The Nautilus, June, 1914, vol. xxviii, No. 2, pp. 20-22.

Idem, July, 1914, vol. xxviii, No. 3, pp. 28-34

Idem, August, 1914, vol. xxviii, No. 4, pp. 41-47.

Idem, October, 1914, vol. xxviii, No. 6, pp. 65-69.

Records *Anodonta marginalis* Say from Six Mile Lake, Silver Islet, Thunder Cape, Ont.

SIMPSON, CHARLES TORREY.

A descriptive catalogue of the Naiades or pearly fresh-water mussels.

Bryant Walker, Detroit, Mich., 1914, xi + 1540 pp.

Contains full descriptions of all North American species, including many from Canadian localities.

STAFFORD, J.

The native oyster of British Columbia.

Report of the Commissioner of Fisheries for the Province of British Columbia for 1913. Victoria, 1914, pp. R79-R102, with 2 plates.

THOMSON, W. F.

Report on the shell-fish beds of British Columbia.

Report of the Commissioner of Fisheries for the Province of British Columbia for 1913. Victoria, 1914, pp. R103-R125, with 3 plates.

Report on the Abalone of British Columbia (*Haliotis gigantea* Chemnitz).

Report of the Commissioner of Fisheries for the Province of British Columbia for 1913. Victoria, 1914, pp. R126-R130, with 2 plates

VANATTA, E. G.

Land and fresh-water shells from eastern Canada.

Proceedings of the Academy of Natural Sciences of Philadelphia, March, 1914, vol. lxxi, part I, pp. 222-226.

Gives notes on 41 species from the Magdalen Islands, Que., and Prince Edward Island. One new species is described, viz.: *Succinea ayardi*, n. sp.

VERTEBRATA.

PISCES (Fishes).

GILBERT, C. H.

Contributions to the life-history of the Sock-eye Salmon. (No. 1).
Report of the Commissioner of Fisheries for the Province of British
Columbia for 1913. Victoria, 1914, pp. R53-R78, with 13 plates.

HALKETT, ANDREW.

The Red Canadian Trout (*Salvelinus marstoni*).
Le Naturaliste Canadien, July, 1914, vol. xli (xxi of 2nd Series), No.
1, pp. 3-4.
Contains notes on the specific characters, coloration and distribution
of this fish.

NATURALISTE CANADIEN, LE (Editorial).

Salmo salar ouananiche M'C.
August, 1914, vol. xli (xxi of 2nd Series), No. 2, pp. 20-24.

REGAN, C. TATE.

The systematic arrangement of the fishes of the family Salmonidae.
Annals and Magazine of Natural History, 1914, vol. xiii, pp. 405-408.
Contains references to Canadian species. The generic names *Cristi-*
tomer and *Oncorhynchus* are discarded, the former being placed in
the synonymy of *Salvelinus*, the latter in that of *Salmo*.

SMITH, HARLAN I.

Fish of the Rocky Mountains Park.
Handbook of the Rocky Mountains Park Museum. Dominion Parks
Branch, Department of the Interior, Canada, 1914, pp. 86-89.
Gives a partial list, with notes, of the fish occurring in the Rocky
Mountains Park, and a catalogue of the specimens in the Museum.
Notes by J. T. N. (John Treadwell Nichols).

AVES (Birds).

ANDERSON, E. M.

Report on birds collected and observed during April, May and June,
1913, in the Okanagan Valley, from Okanagan Landing south to Oso-
yoos Lake.
Report of the Provincial Museum for the year 1913. Province of
British Columbia. Victoria, 1914, pp. G 7-G 16, with 3 plates.
An annotated list of 129 species of Birds.

BIRD-LORE (Editorial).

Note on the Acadian and Hudsonian Chickadees (No title).
January-February, 1914, vol. xvi, No. 1, p. 58.

A CO-OPERATIVE STUDY OF BIRD MIGRATION.

May-June, 1914, vol. xvi, No. 3, pp. 180-181.
Includes data from Yarmouth and Antigonish, N.S., and Kingston,
Ont.

CHAPMAN, FRANK M.

Notes on the plumage of North American Sparrows. Twenty-fifth paper. *Bird-lore*, January-February, 1914, vol. xvi, No. 1, pp. 24-25, with coloured frontispiece.

Describes the plumage of the Redpoll, Hobbob's Redpoll, the Hoary Redpoll, the Purple Finch and the California Purple Finch.

Notes on the plumage of North American Sparrows. Twenty-sixth paper.

Idem, March-April, 1915, vol. xvi, No. 2, p. 107, with coloured frontispiece.

Describes the plumage of Cassin's Purple Finch and the House Finch.

Notes on the plumage of North American Sparrows. Thirty-fourth paper.

Idem, November-December, 1914, vol. xvi, No. 6, pp. 412-413, with coloured frontispiece.

Describes the plumage of the Slate-coloured Junco, White-winged Junco, Carolina Junco, Shufeldt's Junco, Thunder's Junco, and the Point Pinos Junco.

Bird-lore's Fourteenth Christmas Census.

Bird-lore, January-February, 1914, vol. xvi, No. 1, pp. 26-8. Includes data from Yarmouth, N.S., London, Millbrook and Port Dover, Ont., Lashburn, Sask., and Okanagan Landing, B.C.

COOKE, W. W.

The migration of North American Sparrows. Twenty-sixth paper. *Bird-lore*, January-February, 1914, vol. xvi, No. 1, pp. 19-23. Discusses the migration of the Redpoll, Hoary Redpoll and the Purple Finch.

The migration of North American Sparrows. Twenty-seventh paper. Idem, March-April, 1914, vol. xvi, No. 2, pp. 105-106.

Discusses the migration of the California Purple Finch, Cassin's Finch and the House Finch.

The migration of North American Sparrows. Forty-first paper.

Idem, November-December, 1914, vol. xvi, No. 6, pp. 438-442, with coloured frontispiece.

Discusses the migration of the White-winged Junco, Slate-coloured Junco and the Oregon Junco.

Distribution and migration of North American rails and their allies.

Bulletin of the United States Department of Agriculture, No. 128, September 25, 1914, pp. 1-50.

Gives extensive notes on the breeding range, winter and migration ranges, etc., and 19 maps showing the distribution of the various species, many of which occur in Canada.

CORNISH, G. A.

Nature study lessons for teachers and students. Bird studies.

Dominion Book Co., Toronto, xv + 96 pp. with numerous illustrations, including 11 coloured plates.

CORNISH, G. A.

This excellent little book contains 30 lessons on a number of our common birds, their habits, nests, food, migration, etc. Each lesson gives a series of observations to be made by the student, the answers to which are included in the information for the teacher.

CRIDDLE, STUART.

Bird notes from Aweme, Manitoba.

The Ottawa Naturalist, January, 1914, vol. xxvii, No. x, p. 144.

Reports a late southward migration of the Lapland Longspur, probably due to mild weather and lack of snow.

CROSSA, GUS.

Notes from Alberta, Canada.

The Oologist, March, 1914, vol. xxxi, No. 3, pp. 54-56.

Gives brief notes on a number of species of birds observed at Pigeon Lake, Alta., about 60 miles southwest of Edmonton.

D. B.

Notes on the quail.

The Ottawa Naturalist, December, 1914, vol. xxviii, No. 9, pp. 124-126.

Gives notes on the habits of the American Quail with suggestions for its conservation.

DE MIKLOS, M. E.

Protection of birds.

Commission of Conservation, Canada, 1914, Rep. 5th Annual Meeting, pp. 218-234.

Discusses the importance to agriculture of the protection of birds and the various ways by which their natural increase is counteracted. Also considers means of prevention of wilful destruction of birds by man and gives an outline of the protective legislation of various countries.

DIONNÉ, C. E.

Le pigeon voyageur existe-t-il encore?

Le Naturaliste Canadien, July, 1914, vol. xli (xxi of 2nd. Series), No. 1, pp. 1-2.

A pair of these birds were said to have been observed by M. A. Lalonde in the vicinity of Oka, Que.

MORT DE LA DERNIÈRE TOURTE.

Le Naturaliste Canadien, September, 1914, vol. xli (xxi of 2nd Series), No. 3, pp. 33-34.

Notes on the death of the last Passenger Pigeon at the Zoological Gardens, Cincinnati, O.

EDUCATIONAL REVIEW, THE (Editorial)

Winter Birds.

April, 1914, No. 323, pp. 233, 234. St. John's, N.B.

Reports received from various parts of Nova Scotia.

FARLEY, F. L.

Note on the American Magpie (*Pica pica hudsonica*)

The Ottawa Naturalist, January, 1914, vol. xxvii, No. X, p. 139

Gives notes on the distribution of this bird in Canada and cites instances of its occurrence in several localities in Alberta.

Winter notes on Alberta hawks and owls

The Ottawa Naturalist, April, 1911, vol. xxviii, No. 4, p. 41.

FLEMING, J. H.

An abnormal rose-breasted grosbeak.

The Auk, January, 1911, vol. xxxi, No. 1 p. 102.

Describes a peculiarly coloured female of *Zamelodia ludoviciana* taken at Sand Lake, Parry Sound District, Ont.

GERALD, GEORGE E.

Nest of the Ruby-throated Hummingbird.

The Oologist, August, 1914, vol. xxxi, No. 5, pp. 150, 151

Describes a nest of this bird observed in Muskoka, Ont.

Nesting of the Whip-poor-will.

The Oologist, August, 1914, vol. xxxi, No. 8, p. 151.

Observations on a nest of this bird found in Muskoka, Ont.

GOWANLOCK, J. NELSON.

The grackle as a nest-robber.

Bird-lore, May-June, 1914, vol. xvi, No. 3, pp. 187, 188

A bronzed grackle observed repeatedly feeding on eggs and nestlings of English sparrows, on a street in Winnipeg, Man.

HASKELL, WILLIAM S.

Protection of migratory birds.

Commission of Conservation, Canada, 1911, Rep. 5th Annual Meeting, pp. 66-73, with 4 plates.

Describes the national movement for the conservation of wild life in the United States.

HEWITT, C. GORDON.

The protection of birds in and around Ottawa.

The Ottawa Naturalist, March, 1911, vol. xxvii, No. 12, pp. 161-171

Discusses the general question of the value of protecting birds, the economic value of certain common species, and describes the efforts that are being made for the protection of native birds around Ottawa.

H. G. P.

Notes on birds—Spring migrants.

The Educational Review, July, 1914, vol. xxviii, No. 4, p. 17, St. John, N.B.

Notes on birds observed in New Brunswick and Nova Scotia.

- KIRMODE, F. and ANDERSON, E. M.
 Report on birds collected and observed during September, 1913, on Atlin Lake, from Atlin to south end of the Lake.
 Report of the Provincial Museum for the year 1913, Province of British Columbia. Victoria, 1914, pp. G. 19-G. 21.
 An annotated list of 35 species.
- Lewis, HARRISON F.
 Breeding of the Red-winged Blackbird (*Agelaius phoeniceus phoeniceus*) in Nova Scotia.
 The Auk, October, 1914, vol. xxxi, No. 4, pp. 537, 538.
 Describes the finding of a nest of this bird in a swamp near Antigonish, N.S.
 A problem in food-supply and distribution.
 Bird lore, March-April, 1914, vol. xvi, No. 2, p. 113.
 Suggests the possibility of a northward migration in winter of Red-breasted Nuthatches and Crossbills in order to obtain a more abundant food-supply.
- MACCLEMENT, W. T.
 The New Canadian Bird Book.
 Dominion Book Company, Toronto, 1914, xvi+ 324 pp., with 60 full-page coloured illustrations.
 Contains a key to the orders and families of Canadian birds, and short descriptions of all the species with notes on their habits and distribution.
- McLEOD, J. R.
 Cowbird's Eggs.
 The Oologist, June, 1914, vol. xxxi, No. 6, p. 128
 Notes the plentiful occurrence of eggs of this bird in Middlesex Co., Ont., during 10 successive years, and cites two cases in which more than one cow-bird's egg were found in the same nest. Also notes successive laying of three eggs in one nest of the Chestnut-sided Warbler.
- NORMAN, ERNEST S.
Gavia imber (Loon).
 The Oologist, September, 1914, vol. xxxi, No. 9, pp. 173, 174.
 Describes the finding of a loon's nest on the shore of Stony Lake, Northern Manitoba.
- OBERHOLSER, HARRY C.
 A monograph of the genus *Chordeiles* Swainson, type of a new family of goatsuckers.
 Smithsonian Institution, U.S. National Museum, Bulletin 86, 1914, pp. 1-123, with 5 plates.
 Two forms are included in the Canadian fauna, viz. *C. virginianus virginianus* and *C. virginianus hesperis*.
- PIERS, HARRY.
 The occurrence of European birds in Nova Scotia.
 Transactions of the Nova Scotia Institute of Science, June 25, 1914, vol. xiii, part 2, pp. 228-239.

PIERS, HARRY.

The following birds are noted: The European Widgeon, European Teal, Corn Crane, Curlew Sandpiper, Green Sandpiper, Ruff, Whimbrel, Lapwing and Greenland Wheatear.

REINECKE, OTTOMAN

Semipalmated Sandpiper.

The Oologist, October, 1914, vol. xxxi, No. 10, pp. 181-183

Three or four flocks of this bird were observed on the north side of Lake Erie, about 18 miles from Buffalo.

The Whistling Swain.

The Oologist, December, 1914, vol. xxxi, No. 12, pp. 230, 231.

Describes how these birds, during their northward migration, are frequently carried over Niagara Falls to their destruction, while resting on the river at night.

ROGERS, CHARLES H.

A cooperative study of bird migration.

Bird-lore, July-August, 1914, vol. xvi, No. 4, pp. 270-271.

Gives data from Antigonish, N.S., and Reboro, Ont.

SAUNDERS, W. E.

The Tuffed Tit—a new record for Canada.

The Auk, July, 1914, vol. xxxi, No. 3, p. 402.

Records the finding of Two Tuffed Tits (*Baeolophus bicolor*) at Point Pelic, Ont.

The problem of bird encouragement.

The Ottawa Naturalist, October, 1914, vol. xxviii, No. 7, pp. 81-85.

Gives suggestions for the establishment of bird reserves and directions for planting them with shrubs, vines, etc., and for their proper care.

SMITH, HARLAN I.

Birds of the Rocky Mountain Park.

Handbook of the Rocky Mountains Park Museum. Dominion Parks Branch, Department of the Interior, Canada, 1914, pp. 35-85.

An annotated list of birds found in the Rocky Mountains Park and catalogue of specimens in the Museum.

TAVERNER, P. A.

A new subspecies of *Dendrapagus* (*Dendrapagus obscurus flemineri*) from southern Yukon Territory.

The Auk, July, 1914, vol. xxxi, No. 3, pp. 385-388.

Describes this new subspecies and records from British Columbia, Mackenzie, Yukon Territory, Montana and Idaho.

A new species of *Dendrapagus* (*Dendrapagus obscurus fleungi*) from southern Yukon Territory.

Geological Survey, Department of Mines, Canada. Museum Bulletin No. 7, Biological Series, No. 4, December, 1911, pp. 1-1.

TOWNSEND, CHARLES WENDELL.

A plea for the conservation of the Eider.

The Auk, January, 1914, vol. xxxi, No. 1, pp. 14-21

Describes the wholesale destruction of the eggs of this bird by fishermen and Indians on the coasts of Labrador, Newfoundland and Nova Scotia, and suggests methods for its protection.

WRIGHT, ALBERT HAZEN.

Early records of the Wild Turkey, Part II.

The Auk, October, 1914, vol. xxxi, No. 4, pp. 463-473.

Contains references to early methods of capture in Canada.

YOUNG, C. J.

The Cardinal Grosbeak in winter in Northumberland County, Ontario.

The Ottawa Naturalist, June-July, 1914, vol. xxviii, Nos. 3 and 4, p. 55.

YOUNG, JOHN P.

Fall migration at Cobourg, Ontario.

Bird-lore, September-October, 1914, vol. xvi, No. 5, pp. 356, 357.

Contains a list of birds observed at this locality on October 4, 1913.

MAMMALS.

ANDERSON, I. M.

Mammals collected in the Okanagan Valley, April, May and June, 1913.

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The Ottawa Naturalist, November, 1914, vol. xxviii, No. 8, pp. 97-105.

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APPENDIX.

CORT, WILLIAM WALTER.

Notes on the Trematode genus *Clinostomum*.

Transactions of the American Microscopical Society, July, 1913, vol. xxxii, No. 3, pp. 169-182, with plate ix.

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