

Articles

Using an integrated recording and sound analysis system to search for Kirtland’s Warbler (<i>Setophaga kirtlandii</i>) in Ontario	STEPHEN B. HOLMES, KEN TUINGA, KENNETH A. MCLWRICK, MARGARET CARRUTHERS, and ERIC COBB	115
Spatial and temporal variation in fish assemblages in three small unpolluted estuarine rivers and associated lagoons in Kouchibouguac National Park, southern Gulf of St. Lawrence, Canada	AMANDA M. BREMNER, D. A. METHVEN, KELLY R. MUNKITTRICK, and KATHERINE A. FREGO	121
Life history and distribution of the Arctic Pseudoscorpion, <i>Wyochernes asiaticus</i> (Chernetidae)	CHRISTOPHER M. BUDDLE	134
The Canada Lynx (<i>Lynx canadensis</i>) of Isle Royale: over-harvest, climate change, and the extirpation of an island population	DANIEL S. LICHT, RON A. MOEN, D. PAUL BROWN, MARK C. ROMANSKI, and ROBERT A. GITZEN	139
Seventeenth census of seabird populations in the sanctuaries of the North Shore of the Gulf of St. Lawrence, 2010	JEAN-FRANÇOIS RAIL and RICHARD COTTER	152
Kleptoparasitism by Bald Eagles (<i>Haliaeetus leucocephalus</i>) as a factor in reducing Peregrine Falcon (<i>Falco peregrinus</i>) predation on Dunlin (<i>Calidris alpina</i>) wintering in British Columbia	DICK DEKKER and MARK C. DREVER	159
Apparent extirpation of prey fish communities following the introduction of Northern Pike (<i>Esox lucius</i>)	MICHELE E. NICHOLSON, MICHAEL D. RENNIE, and KENNETH H. MILLS	165
Status, distribution, and nomenclature of Northern Quillwort, <i>Isoetes septentrionalis</i> (Isoetaceae) in Canada	DANIEL F. BRUNTON and JOHN MCNEILL	174
Notes		
Record long-distance movement of a Deer Mouse, <i>Peromyscus maniculatus</i> , in a New England montane boreal forest	CONNOR M. WOOD and SHAWN T. MCKINNEY	181
Great Plains Ladies’-tresses (<i>Spiranthes magnicamporum</i>) in the lower Great Lakes region and a new record for New York State	DANIEL F. BRUNTON	183
Anti-predator defenses of Brown Bullheads (<i>Ameiurus nebulosus</i>) and interactions with Snapping Turtles (<i>Chelydra serpentina</i>)	PATRICK D. MOLDOWAN, MATTHEW G. KEEVIL, STEVEN KELL, RONALD J. BROOKS, and JACQUELINE D. LITZGUS	189
New avian breeding records for Igloolik Island, Nunavut	NICOLAS LECOMTE and MARIE-ANDRÉE GIROUX	194

(continued on inside back cover)

VOLUME 129, NUMBER 2, pages 115-218

THE CANADIAN FIELD-NATURALIST

APRIL-JUNE 2015

The CANADIAN FIELD-NATURALIST

Published by THE OTTAWA FIELD-NATURALISTS’ CLUB, Ottawa, Canada



The Ottawa Field-Naturalists’ Club

FOUNDED IN 1879

Patron

His Excellency the Right Honourable David Johnston, C.C., C.M.M., C.O.M., C.M.
Governor General of Canada

The objectives of this Club shall be to promote the appreciation, preservation and conservation of Canada’s natural heritage; to encourage investigation and publish the results of research in all fields of natural history and to diffuse information on these fields as widely as possible; to support and cooperate with organizations engaged in preserving, maintaining or restoring environments of high quality for living things.

Honorary Members

Ronald E. Bedford	Michael D. Cadman	Peter W. Hall	E. Franklin Pope
Edward L. Bousfield	Paul M. Catling	Christine Hanrahan	Joyce M. Reddoch
Charles D. Bird	Francis R. Cook	C. Stuart Houston	Allan H. Reddoch
Fenja Brodo	Bruce Di Labio	Ross A. Layberry	Dan Strickland
Irwin M. Brodo	Anthony J. Erskine	Theodore Mosquin	John B. Theberge
Daniel F. Brunton	J. Bruce Falls	Robert W. Nero	Sheila Thomson

2015 Board of Directors

President: Fenja Brodo	Carolyn Callaghan	Ted Farnworth	Karen McLachlan Hamilton
1st Vice-President: Henry Steger	Barbara Chouinard	Diane Kitching	Lynn Ovenden
2nd Vice-President: Eleanor Zurbrigg	Julia Cipriani	Louis L’Arrivée	Rémy Poulin
Recording Secretary: Annie Bélair	Owen Clarkin	Alex MacDonald	Jeffery M. Saarela
Treasurer: Ken Young	Barry Cottam	Ann MacKenzie	

To communicate with the Club, address postal correspondence to: The Ottawa Field-Naturalists’ Club, P.O. Box 35069, Westgate P.O., Ottawa, ON, K1Z 1A2, or e-mail: ofnc@ofnc.ca. For information on Club activities, go to www.ofnc.ca

The Canadian Field-Naturalist

The *Canadian Field-Naturalist* is published quarterly by The Ottawa Field-Naturalists’ Club. Opinions and ideas expressed in this journal do not necessarily reflect those of The Ottawa Field-Naturalists’ Club or any other agency.

Website: www.canadianfieldnaturalist.ca/index.php/cfn

Editor-in-Chief: Dr. Carolyn Callaghan **Assistant Editor:** Amanda Martin

Copy Editor: Sandra Garland **Typographer:** Wendy Cotie

Journal Manager: Dr. Jay Fitzsimmons: subscriptions@canadianfieldnaturalist.ca or via postal address above.

Book Review Editor: Roy John

Associate Editors:	Ian Adams	Anthony J. Gaston	David Nagorsen	Jeffery M. Saarela
	Paul M. Catling	Thomas S. Jung	Claude B. Renaud	David C. Seburn
	Francis R. Cook	Donald F. McAlpine	Marty Obbard	Jeffrey H. Skevington
	Jennifer R. Foote	Garth Mowat		

Chair, Publications Committee: Jeffery M. Saarela

All manuscripts intended for publication except Book Reviews should be addressed to the Editor and sent by e-mail: editor@canadianfieldnaturalist.ca **or postal mail (with disk):** 611 Chemin Cregheur, Luskville, QC J0X 2G0; (819) 455-1087;

Book-review correspondence should be sent to the Book Review Editor by e-mail: r.john@rogers.com **or postal mail:** 2193 Emard Crescent, Ottawa, ON, K1J 6K5

Subscriptions and Membership:

Subscription rates for individuals are \$40 (online only), \$50 (print only), or \$60 (print + online). Libraries and other institutions may subscribe for \$60 (online only or print only) or \$90 (print + online). All foreign print subscribers and members (including USA) must add \$10 to cover postage. The Ottawa Field-Naturalists’ Club annual membership fee of \$40 (individual), \$45 (family), or \$20 (student) includes an online subscription to *The Canadian Field-Naturalist*. Members can receive printed issues of CFN for an additional \$30 per volume (four issues). For further details, including discounts for members of the Canadian Museum of Nature, see <http://ofnc.ca/member.php>. The club’s regional journal, *Trail & Landscape*, covers the Ottawa District and regional Club events and field trips. It is mailed to Ottawa area members, and is available to those outside Ottawa on request. It is available to libraries at \$33 per year. Subscriptions, applications for membership, notices of changes of address, and undeliverable copies should be sent to subscriptions@canadianfieldnaturalist.ca or mailed to: The Ottawa Field-Naturalists’ Club, P.O. Box 35069, Westgate P.O., Ottawa, ON, K1Z 1A2 Canada. Canada Post Publications Mail Agreement number 40012317. Return postage guaranteed.

The Manning Fund, established in 2000 from the bequest of northern biologist Thomas H. Manning (1911–1998), provides financial assistance for the publication of papers in the CFN by independent (non-institutional) authors. Qualifying authors should make their application for assistance from the Fund at the time of their initial submission.

COVER: An adult Snapping Turtle (*Chelydra serpentina*) from a 40-year ecological study of turtles in Algonquin Provincial Park, Ontario. See Moldowan *et al.*, pages 189–193 in this issue. Photo by Patrick Moldowan.

TABLE OF CONTENTS (concluded)

Volume 129, Number 2 2015

Book Reviews

ZOOLOGY: The R.O.M. Field Guide to Butterflies of Ontario — Running Silver – Restoring Atlantic Rivers and Their Great Fish Migrations — The Passenger Pigeon 197

BOTANY: À la découverte du Nord: deux siècles et demi d’exploration de la flore nordique du Québec et du Labrador — Trees of Western North America 200

OTHER: Algonquin Park. A Portrait: The Landscape, Wildlife and Ecology of an Iconic Canadian Treasure — Rare – The High-Stakes Race to Satisfy Our Need for the Scarcest Metals on Earth — My Watery Self: Memoirs of a Marine Scientist 202

NEW TITLES 206

News and Comment

New light on the origins of the Ottawa Field-Naturalists’ Club RANDY BOSWELL 207

Upcoming Meetings and Workshops

International Conference on Mycorrhiza — Annual Symposium on the Conservation and Biology of Tortoises and Freshwater Turtles — Annual Phycological Society of America Meeting — Ecological Society of America Annual Meeting — American Fisheries Society Annual Meeting — Northeast Partners in Amphibian and Reptile Conservation Meeting — International Barcode of Life Conference — Annual General Meeting of the Entomological Society of Ontario — International Conference on Ecology and Transportation – Student Conference on Conservation Science – New York — The Wildlife Society’s Annual Conference

Landmark decision halts Ostrander Wind Farm Project on the grounds of serious and irreversible harm to the Blanding’s Turtle 214

Editor’s Report

216

Mailing date of the previous issue 129(1): 5 May 2015