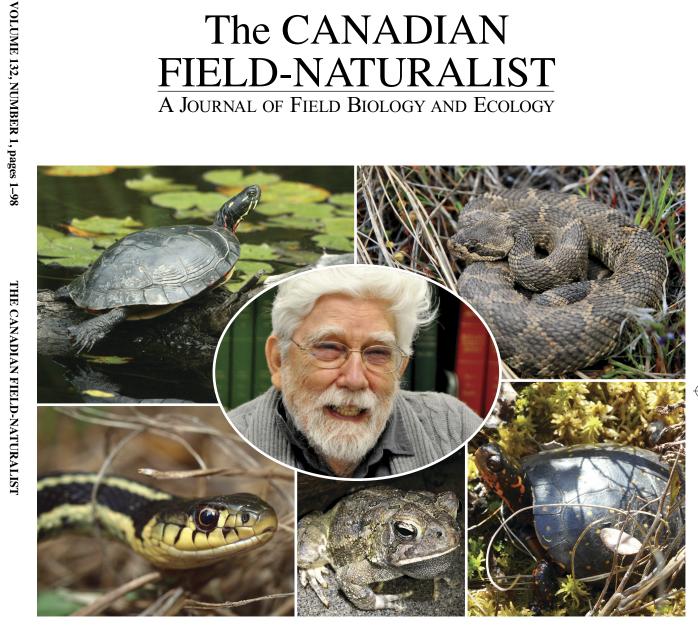
۲

THE CANADIAN FIELD-NATURALIST Volume 132, Number 1	2018
Introduction to the Special Issue on herpetology in Canada	
WILLIAM D. HALLIDAY AND DAVID C. SEBURN	1
Snapping Turtle—Tortue serpentine—turtle mi' kjikj (snapping; <i>Chelydra serpentina</i>), added to the herpetofauna of Cape Breton Island, Nova Scotia, Canada	
JOHN GILHEN and TERRY POWER	4
Status, distribution, and nesting ecology of Snapping Turtle (<i>Chelydra serpentina</i>) on Cape Breton Island, Nova Scotia, Canada TERRY POWER and JOHN GILHEN	8
Record longevity of a Spotted Turtle (<i>Clemmys guttata</i>) DAVID SEBURN	18
Sex-biased seasonal capture rates in Painted Turtle (<i>Chrysemys picta</i>) PATRICK D. MOLDOWAN, RONALD J. BROOKS, and JACQUELINE D. LITZGUS	20
Body temperature influences growth rates of Common Gartersnakes (<i>Thamnophis sirtalis</i>) WILLIAM D. HALLIDAY and GABRIEL BLOUIN-DEMERS	25
Snake mortality and cover board effectiveness along exclusion fencing in British Columbia, Canada Dana M. Eye, Jared R. Maida, Owain M. McKibbin, Karl W. Larsen, and Christine A. Bishop	30
Factors affecting litter size in Western Gartersnake (<i>Thamnophis elegans</i>) in British Columbia: place, time, and size of mother PATRICK T. GREGORY and DANIEL R. FARR	36
Erythrism in Spring Peeper (<i>Pseudacris crucifer</i>) in Maritime Canada DONALD F. MCALPINE and JOHN GILHEN	43
Ready for bed: pre-hibernation movements and habitat use by Fowler's Toads (<i>Anaxyrus fowleri</i>) DAVID M. GREEN and KATHARINE T. YAGI	
The observed decline of Western Toads (<i>Anaxyrus boreas</i>) over several decades at a novel winter breeding site BRIAN G. SLOUGH and ALEXANDER DEBRUYN	53
The use of an anthropogenic structure by Eastern Red-backed Salamander (<i>Plethodon cinereus</i>) DAVID L. LEGROS	58
Observations of Mudpuppy (Necturus maculosus) bycatch in a recreational ice fishery in northern Ontario ROBERT J. LENNOX, WILLIAM M. TWARDEK, and STEVEN J. COOKE	61
(continued on inside b	ack cover)
(commuted on inside o	uch cover)

The CANADIAN FIELD-NATURALIST A JOURNAL OF FIELD BIOLOGY AND ECOLOGY



Volume 132, Number 1

JANUARY-MARCH 2018

January-March 2018

SPECIAL ISSUE: STUDIES ON CANADIAN AMPHIBIANS AND REPTILES IN HONOUR OF DR. FRANCIS COOK. PART 1.

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

ISSN 0008-3550

The Ottawa Field-Naturalists' Club FOUNDED 1863 (CURRENT INCORPORATION 1879)

Patron

Her Excellency the Right Honourable Julie Payette, C.C., C.M.M., C.O.M., C.Q., C.D. Governor General and Commander-in-Chief 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	J. Bruce Falls	Robert E. Lee	Allan H. Reddoch
Charles D. Bird	Paul M. Catling	Peter W. Hall	John McNeill	Joyce M. Reddoch
Fenja Brodo	Francis R. Cook	Christine Hanrahan	Theodore Mosquin	Dan Strickland
Irwin M. Brodo	Bruce Di Labio	C. Stuart Houston	Robert W. Nero	John B. Theberge
Daniel F. Brunton	Anthony J. Erskine	Ross A. Layberry	E. Franklin Pope	Sheila Thomson

2018 Board of Directors

President: Diane Lepage	Annie Bélair	Edward Farnworth	Dwayne Lepitzki	Ken Young
1 st Vice-President: Jakob Mueller	Fenya Brodo	Catherine Hessian	Gordon Robertson	Eleanor Zurbrigg
Recording Secretary: Lynn Ovenden	Robert Cermak	Anouk Hoedeman	Jeffery M. Saarela	
Treasurer: Ann MacKenzie	Owen Clarkin	Diane Kitching	Henry Steger	

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: D	r. Dwayne Lepitzki	A	ssistant Editor: Dr. Ama	anda Martin	
Copy Editors: Sandra Garland and Dr. John Wilmshurst		/ilmshurst Ty	Typographer: Wendy Cotie		
Book Review Editor: Dr. Barry Cottam		Ó	Online Journal Manager: Dr. Bill Halliday		
Subscription Manager: Eleanor Zurbrigg		A	Author Charges Manager: Ken Young		
Associate Editors:	Dr. Ron Brooks Dr. Carolyn Callaghan Dr. Paul M. Catling Dr. Francois Chapleau	Dr. Jennifer R. Foote Dr. Graham Forbes Thomas S. Jung Dr. Donald F. McAlpine	Jon McCracken Dr. Garth Mowat David Nagorsen Dr. Marty Obbard	Dr. Jeffery M. Saarela David C. Seburn Dr. Jeffrey H. Skevington	

Chair, Publications Committee: Dr. Jeffery M. Saarela

All manuscripts intended for publication-except Book Reviews-should be submitted through the online submission system at the CFN website: http://www.canadianfieldnaturalist.ca/index.php/cfn/user. Click the "New Submission" link on the right side of the webpage and follow the prompts. Authors must register for a CFN account at http://www.canadianfieldnaturalist.ca/index. php/cfn/user/register in order to submit a manuscript. Please contact the Online Journal Manager (info@canadianfieldnaturalist.ca) if you have any questions or issues with the online submission process. In only rare, exceptional circumstances will submissions other than online be considered and, in these cases, authors must contact the Editor-in-Chief (editor@canadianfieldnaturalist.ca) prior to submission. Instructions for Authors are found at http://www.canadianfieldnaturalist.ca/public/journals/1/CFNAuthorInstructions.pdf.

Book-review correspondence should be sent to the Book Review Editor by e-mail: b.cottam@rogers.com or postal mail: 98 Norman Street, Ottawa, ON K1S 3K6

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 \$120 (online only or print only) or \$180 (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, see http://ofnc.ca/membership-and-donations. The club's regional journal, Trail & Landscape, covers the Ottawa District and regional Club events and field trips. It is mailed to all club members. It is available to libraries at \$40 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, KIZ 1A2 Canada. Canada Post Publications Mail Agreement number 40012317. Return postage guaranteed.

The Thomas H. Manning fund, a special fund of the OFNC, 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, with particular priority given to those addressing arctic and boreal issues. Qualifying authors should make their application for assistance from the Fund at the time of their initial submission.

COVER: Studies on Canadian Amphibians and Reptiles in Honour of Dr. Francis Cook. Centre: Dr. Francis Cook (photo: Brian Coad). See Editorial on pages 1-3. The inset photos (clockwise from top right) are: Northern Pacific Rattlesnake (Crotaus o. oreganus; photo: Karl Larsen; see article on pages 30-35), Spotted Turtle (Clemmys guttata; photo: David Seburn; see article on page 18–19), Fowler's Toad (*Anaxyrus fowler*); photo: Katherine Yagi; see article on pages 25–29), and Painted Turtle (*Chrysemys picta*; photo: Patrick Moldowan; see article on pages 20-24).

TABLE OF CONTENTS (concluded)

Volume 132, Number 1 2018

Book Reviews

BOTANY: Catalogue of the Vascular Plants of New York State, Memoirs of the Torrey Botanical Society, Volume 27— Flora of Florida Volume 5 (Dicotyledons, Gisekiaceae through Boraginaceae) — Islands of Grass	67
ENTOMOLOGY: Lady Beetles of the Northwest Territories — Naïades et exuvies des libellules du Quebec : clé de determination des genres — A Field Guide to Insects of the Pacific Northwest	70
ZOOLOGY: A Natural History Study of Leech (Annelida: Clitellata: Hirudinida) Distributions in Western North America North of Mexico	74
OTHER: The Inner Life of Animals: Love, Grief and Compassion – Surprising Observations of a Hidden World — The Subjugation of Canadian Wildlife: Failures of Principle and Policy — Half-Earth: Our Planet's Fight for Life — Best Places to Bird in the Prairies — Deep Into Yellowstone: A Year's Immersion in Grandeur	
and Controversy	76
NEW TITLES	82

News and Comment

Upcoming Meetings and Workshops

The Wildlife Society Annual Conference — Student Conference on Conservation Science-New York — North American Caribou Workshop	85
James Fletcher Award for The Canadian Field-Naturalist Volume 131	85
Francis Cook Appointed to the Order of Canada for his Exceptional Contributions to Canadian Herpetology and <i>The Canadian Field-Naturalist</i>	86
Minutes of the 139 th Annual Business Meeting (ABM) of the Ottawa Field- Naturalists' Club 9 January 2018	87
Club Awards	95

Mailing date of the previous issue 131(4): 28 June 2018