

Articles

- The influence of Willow *Salix* sp. rose insect galls on Moose *Alces alces* winter browsing
ROY V. REA 189

- Proximity to hibernacula and road type influence potential road mortality of snakes in southwestern Saskatchewan
ASHLEY N. FORTNEY, RAY G. POULIN, JESSICA A. MARTINO,
DENNILYN L. PARKER AND CHRISTOPHER M. SOMERS 194

- Early spawning by the American Brook Lamprey (*Lethenteron appendix*) in southeastern Minnesota
PHILIP A. COCHRAN, MARK A. ROSS, THOMAS S. WALKER, and TREVOR BIEDERMAN 204

- First specimens of the marine eels *Venefica ocella* and *V. tentaculata* (Nettastomatidae) from British Columbia
GAVIN F. HANKE and STEVEN M. ROIAS 210

Notes

- Sea ice crossing by migrating Caribou, *Rangifer tarandus*, in northwestern Alaska
KYLE JOLY 217

- Use of a dorsal radio-transmitter implant in American Badgers, *Taxidea taxus*
GILBERT PROULX and NEIL MACKENZIE 221

- Observations of nocturnal hunting behaviour of American Badgers, *Taxidea taxus*, in southwestern Saskatchewan
GILBERT PROULX and NEIL MACKENZIE 226

- A significant range extension for the Eastern Ribbonsnake, *Thamnophis sauritus*, in Nova Scotia, Canada
JOHN GILHEN, ALICE JONES, JEFFIE MCNEIL, and ARTHUR W. TANNER 231

- In situ* caching of a large mammal carcass by a Fisher, *Martes pennanti*
ETHAN A. HÜNER and JUSTIN F. B. PETER 234

- Severe maxillary osteomyelitis in a Gray Wolf (*Canis lupus*)
SHANNON BARBER-MEYER 238

- The impact of deer herbivory and drought on population growth of *Goodyera pubescens* (Orchidaceae) in southwestern Quebec
JOYCE M. REDDOCH and ALLAN H. REDDOCH 242

Tributes

- A tribute to Stewart Dixon MacDonald, 1927–2010
DAVID R. GRAY and SALLY E. GRAY 245

- A tribute to Donald M. Britton (1923–2012), Canada's premier pteridologist
DANIEL F. BRUNTON 252

(continued on inside back cover)

ISSN 0008-3550

The CANADIAN FIELD-NATURALIST

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



VOLUME 126, NUMBER 3, pages 189–280

THE CANADIAN FIELD-NATURALIST

JULY–SEPTEMBER 2012

Volume 126, Number 3

July–September 2012

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 | John M. Gillett | Joyce Reddoch |
| Edward L. Bousfield | Paul M. Catling | Christine Hanrahan | Allan Reddoch |
| Charles D. Bird | Francis R. Cook | C. Stuart Houston | Dan Strickland |
| Fenja Brodo | Bruce Di Labio | Theodore Mosquin | John B. Theberge |
| Irwin M. Brodo | R. Yorke Edwards | Robert W. Nero | Sheila Thomson |
| Daniel F. Brunton | Anthony J. Erskine | E. Franklin Pope | |

2012 Council

| | | | |
|---|-------------------|--------------------------|------------------|
| President: Ann MacKenzie | Daniel F. Brunton | David Hobden | Jeff Saarela |
| 1st Vice-President: Fenja Brodo | Carolyn Callaghan | Diane Kitching | Henry Steger |
| 2nd Vice-President: Jeff Skevington | Barbara Chouinard | Diane Lepage | Chris Traynor |
| Recording Secretary: Annie Bélair | Julia Cipriani | Karen McLachlan-Hamilton | Eleanor Zurbrigg |
| Treasurer: Ken Young | Sandra Garland | Rémy Poulin | |

To communicate with the Club, address postal correspondence to: The Ottawa Field-Naturalists' Club, P.O. Box 35069, Westgate P.O. Ottawa, Canada 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: Trina Rytwinski

Copy Editor: Elizabeth Morton

Typographer: Wendy Cotie

Treasurer: Ken Young, P.O. Box 35069, Westgate P.O. Ottawa, Canada K1Z 1A2

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

Book Review Editor: Roy John

| | | | | |
|---------------------------|--------------------|--------------------|--------------------|--------------------|
| Associate Editors: | Robert R. Anderson | Francis Cook | Donald F. McAlpine | Jeffery M. Saarela |
| | Charles D. Bird | Anthony J. Erskine | David Nagorsen | David C. Seburn |
| | Paul M. Catling | Thomas Jung | Claude Renaud | |

Chair, Publications Committee: Daniel F. Brunton

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.ca or **postal mail:** 2193 Emard Crescent, Ottawa, Ontario K1J 6K5.

Subscriptions and Membership:

Subscription rates for individuals are \$40 (online only), \$50 (print only), or \$60 (print + online) for volume 126. Libraries and other institutions may subscribe for \$60 (online only or print only) or \$90 (print + online) for volume 126. 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, Canada, K1Z 1A2. Canada Post Publications Mail Agreement number 40012317. Return postage guaranteed.

COVER: American Badger (*Taxidea taxus*) in southwestern Saskatchewan. Photo by Gilbert Proulx. See notes by Proulx and MacKenzie, pages 221–225 and 226–230.

TABLE OF CONTENTS (*concluded*)

Volume 126 Number 3 2012

Book Reviews

| | |
|--|-----|
| ZOOLOGY: Birds of Central Asia: Kazakhstan, Turkmenistan, Uzbekistan, Kyrgyzstan, Tajikistan, Afghanistan — Birds of the Masai Mara — Animals of the Masai Mara — Squirrels of the World | 260 |
| OTHER: Okanagan Geology South: Geologic Highlights of the South Okanagan Valley, British Columbia | 263 |
| NEW TITLES | 264 |

News and Comment

| | |
|--|-----|
| Northeast Natural History Conference 2013 — American Society of Mammalogists Annual Meeting 2013 | 265 |
| <i>Erratum</i> The Canadian Field-Naturalist 119(3): 359 | 265 |

Minutes of the 133rd Annual Business Meeting of The Ottawa Field-Naturalists' Club January 10, 2012

266

Instructions to Authors

278

Mailing date of the previous issue 126(2): 4 December 2012