# Species at Risk in Nova Scotia



Species at Risk in Nova Scotia Identification & Information Guide - 2nd Edition © Mersey Tobeatic Research Institute (MTRI), 2015

Second Edition (2015) Revised and updated by Megan Crowley



First Edition (2008) Prepared by Megan Crowley and Brennan Caverhill Species at Risk Stewardship Biologists, Parks Canada

ISBN: 978-0-9811861-4-6

Design: TODD Graphic, www.toddgraphic.ns.ca

This guide can be viewed online at www.speciesatrisk.ca/SARguide

This guide is not to be sold or reproduced without permission from MTRI.



This guide was created for folks in Nova Scotia, like Harold and Diane Clapp, who wanted to learn more about the rare and fascinating species that live on the land around them and inspired the creation of this guide. Thank you Harold and Diane for your dedicated contributions towards species at risk recovery!



## Front cover photos:

Kejimkujik Lake (Brennan Caverhill), Common Nighthawk (Ronnie d'Entremont), Blanding's Turtle (Jeffie McNeil), Peregrine Falcon (Gordon Court), Mainland Moose (Bert J. Vissers), American Marten (Scott Wallis), Basking Shark (Jidan Chaomian, Flickr), Pink Coreopsis (Mark Elderkin), Boreal Felt Lichen (Brad Toms), Striped Bass (Bo Chambers), Canada Warbler (Peter Brannon), Monarch Butterfly (Megan Crowley), and Blue Shark (Joost Van Ufflen).

## **Back cover photos:**

Kejimkujik Seaside (Wesley Pitts), Yellow Lampmussel (Ethan Nedeau), Eastern Ribbonsnake (Jeffie McNeil), Loggerhead Sea Turtle (Antonio Di Bello), Golden Crest (Megan Crowley), Bank Swallow (Stephen Vines), Ram's Head Lady Slipper (Scott Currie), and Little Brown Myotis (Lynne Burns).

# Some Faces of the Species at Risk Community



TOM HERMAN (ACADIA)

BILL & JAN LATTER (VOLUNTEERS) COMMUNITY TURTLE STEWARDS

JOHN GILHEN (NS MUSEUM) & TEAM JEFFIE MCNEIL (MTRI)

RUTH NEWELL (ACADIA) & NATURALISTS

SHERMAN BOATES (NS DNR)

Ш



MEGAN CROWLEY (PC) & VOLUNTEERS





ROB CAMERON (NSE) & TEAM



TERRY POWER (NS DNR) & TEAM

MARK ELDERKIN (NS DNR)



SAMARA EATON (CWS)



TED D'EON (STEWARD)



NORM & SUE GREEN (FRIENDS OF KEJI)

ANDREW BOYNE (CWS)











SUE ABBOTT (BSC) & VOLUNTEERS



#### NSNT STAFF & BIRDS EYE VIEW VOLUNTEERS





STEPHEN FLEMMING



# How this field guide came to be

At our first volunteer appreciation night, a steward approached me with an idea. He thought something that could really help people interested in nature would be a field guide that not only provided a comprehensive list of all the species at risk in the province but also a little information about them. His main point was that he would be more comfortable informing authorities about a possible sighting if he had some certainty that he had accurately identified it. This immediately made me reflect on my high school days when the most empowering thing I received was a Peterson Field Guide to the Birds. I started to identify things, I started to feel some sense of ownership, I started to recognize that maybe I could contribute. It was a field guide. But it was empowerment.

This guide is a tool for stewardship. It is an opportunity for you to learn more about the species that help make Nova Scotia the very special place it is. I encourage you to look carefully around home and during your travels throughout the province. The very first step in conservation is knowing where the species are. For my part, I am continually humbled by how little we know, despite great efforts to understand. Your contribution could be very significant, and I think it is only fitting that the very people who suggested the field guide in the first place also located a new population of Blanding's Turtles in the Tobeatic.

Stewardship is an ownership of responsibility, a sense of advocacy, for nature. By all means, feel free to share the information in this guide, and the learning that you have made along the way, with as many people as you can. We have many challenges facing us, with a growing world population, climate change, and habitat destruction, to name only a few. But I know that if we pull together, and share what is special about species at risk, and what they tell us about our world, we can make a difference. We are making a difference!

So, hats off to Harold & Diane Clapp! Great idea. Thanks for finding the turtles. Hope this works for you. To everyone else, enjoy the guide and consider yourself a part of our team.

Stephen Flemming Speother KRisk Scientist, Parks Canada, 2008 (now Superintendent at Elk Island National Park)