

# *Sternotherus odoratus*

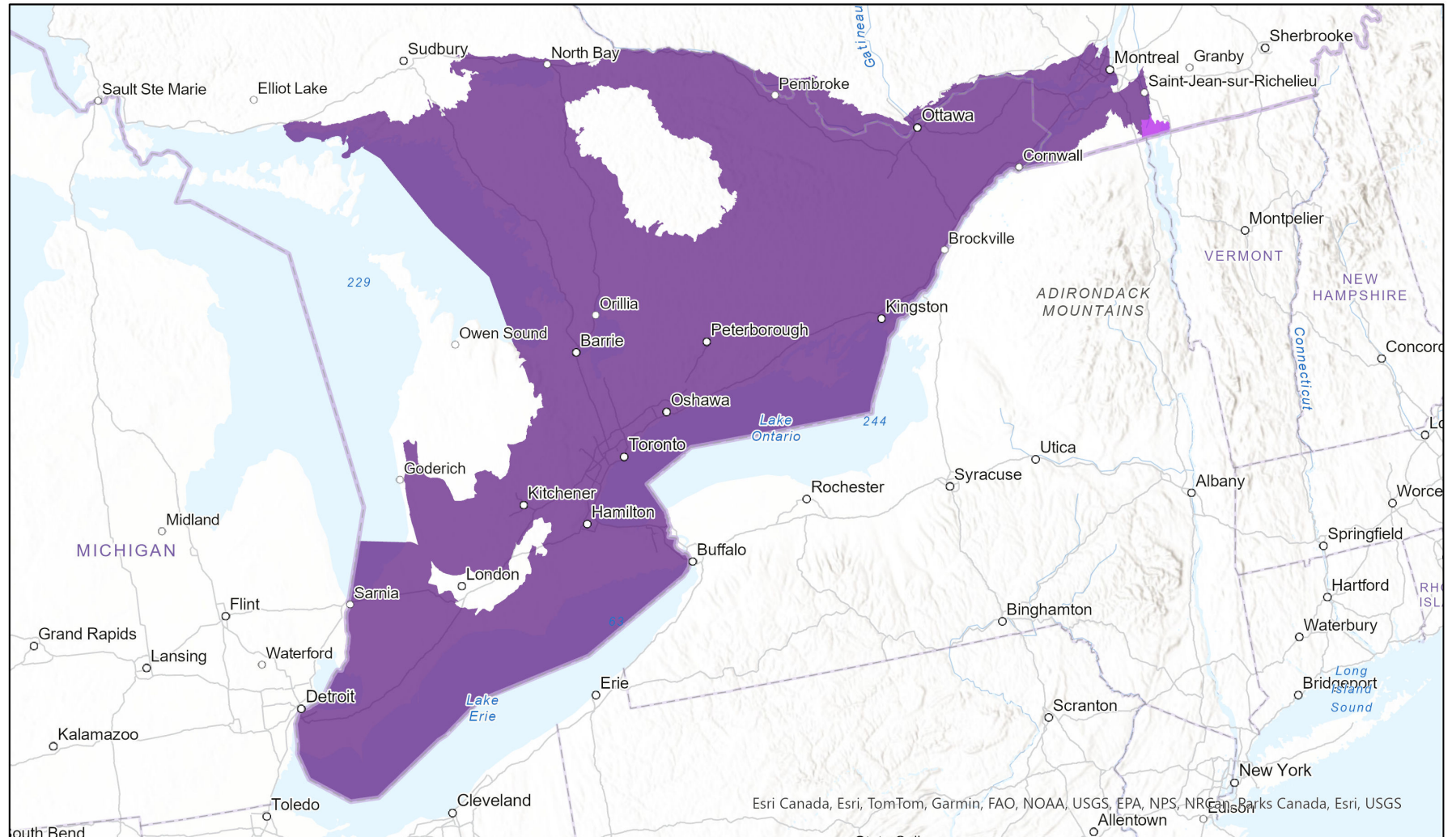


- Present
- Presence Expected
- Historical

## Ecosystem-based Automated Range (EBAR)

Date Generated: August 23, 2023; Version: 1.0; Stage: Expert Reviewed (National); Scope: Canadian

Synonyms Used: None



0 100 200 km Input Records - 1307 GBIF, 20 iDigBio, 540 iNaturalist.ca, 509 iNaturalist.org, 136 ON Element Occurrences, 10109 ON Observations and Source Features, 12 QC Element Occurrences; Expert Reviews - Mike Burrell, Sylvain Giguere

Map centre: 78.2751°W 43.7579°N  
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EBAR is relatively coarse scale data and not intended for all applications and analysis. Please see full disclaimer in metadata.

## Ecosystem-based Automated Range (EBAR) Metadata

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### Species

National Scientific Name:	<i>Sternotherus odoratus</i> (Latrielle, 1802)
Scientific Name Reference:	Turtle Taxonomy Working Group (TTWG) [Rhodin, A. G. J., J. B. Iverson, R. Bour, U. Fritz, A. Georges, H. B. Shaffer, and P. P. van Dijk]. 2021. Turtles of the World: Annotated Checklist and Atlas of Taxonomy, Synonymy, Distribution, and Conservation Status (9th Ed.). In: Rhodin, A. G. J., J. B. Iverson, P. P. van Dijk, C. B. Stanford, E. V. Goode, K. A. Buhlmann, and R. A. Mittermeier (Eds.). Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group. Chelonian Research Monographs 8:1-472. doi: 10.3854/crm.8.checklist.atlas.v9.2021.
National English Name:	Eastern Musk Turtle
National French Name:	Tortue musquée
Element National ID:	162238
Element Global ID:	104790 ( <a href="#">go to NatureServe Explorer</a> )
Element Code:	ARAAE02040
Endemism Type:	N
Canadian COSEWIC Name:	
Canadian COSEWIC ID:	706

## Rank/Status

Global Rank:	G5 (reviewed February 02, 2016)
National Rank (Canada):	N3 (reviewed 2016)
Subnational Ranks (Canada):	ON=S3, QC=S2S3
National Rank (United States):	N5 (reviewed 1996)
Subnational Ranks (United States):	AL=S5, AR=S5, CT=S4, DC=S4, DE=S5, FL=S5, GA=S5, IA=S2, IL=S5, IN=S4, KS=S4, KY=S5, LA=S5, MA=S4S5, MD=S5, ME=S3, MI=S5, MN=SNR, MO=S5, MS=S5, NC=S5, NH=S5, NJ=S5, NY=S4, OH=SNR, OK=SNR, PA=S4, RI=S4, SC=S5, TN=S5, TX=S5, VA=S5, VT=S2, WI=S4, WV=S5
National Rank (Mexico):	None
Subnational Ranks (Mexico):	None
Canadian SARA Status:	Special Concern/Préoccupante (January 12, 2005)
Canadian COSEWIC Status:	Special Concern (November 25, 2012)
US ESA Status:	None

## Range Map

Date Generated:	August 23, 2023
Version:	1.0
Stage:	Expert Reviewed (National)
Scope:	Canadian
Metadata:	Primary Species - <i>Sternotherus odoratus</i> (Latrielle, 1802) Input Records - 1307 GBIF, 20 iDigBio, 540 iNaturalist.ca, 509 iNaturalist.org, 136 ON Element Occurrences, 10109 ON Observations and Source Features, 12 QC Element Occurrences; Expert Reviews - Mike Burrell, Sylvain Giguere
Comments:	None <a href="#">Please see spatial data for Ecoshape-level reviewer comments.</a>
Disclaimer:	Please review our <a href="#">methods document</a> before using EBAR.  EBAR range data are relatively coarse scale and appropriate for screening and education purposes, but are not intended for all types of applications and analysis.  The absence of data in any geographic areas does not necessarily mean that a species is not present.  An ecoshape with a presence value does not necessarily mean that a species is present throughout the entire geographic area.
Presence Definitions:	(Please see Comments above for any exceptions)  Present - the species is found within the ecoshape based on species observation data, Element Occurrences, Source Features, Canadian Federal Critical Habitat, or expert opinion.  Presence Expected - expert opinion the species may be present, or the ecoshape overlapped with a range estimate or a habitat suitability model.  Historical - all species occurrence data within the ecoshape contains observation data greater than 40 years old or an Element Occurrence (EO) that was ranked as Extirpated or Historical (EO Rank of H, H?, X or X?).
Usage Type Definitions:	(Please see Comments above for any exceptions)  Breeding - the species is thought to breed within the ecoshape based on eBird Breeding and Behaviour Codes or expert opinion.  Possible Breeding - the species is probably or possibly breeding within the ecoshape based on eBird, BBA or jurisdiction Breeding and Behaviour Codes, or on expert opinion.
Map Projection:	North America Albers Equal Area Conic (WKID 4269)

## Credits

**Suggested Citation:**

NatureServe Canada, 2020. Ecosystem-based Automated Range (EBAR) for *Sternotherus odoratus*, Version 1.0, Expert Reviewed (National) (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]

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**Project Website:**

[www.natureserve.org/canada/ebar](http://www.natureserve.org/canada/ebar)

**Contact:**

[ebbar-kba@natureserve.ca](mailto:ebbar-kba@natureserve.ca)

**Input References:**

GBIF - [Global Biodiversity Information Facility](#)

iDigBio - [Integrated Digital Biocollection](#)

iNaturalist.ca - [California Academy of Sciences and the National Geographic Society](#)

iNaturalist.ca (original coordinates for obscured records) - [California Academy of Sciences and the National Geographic Society](#)

iNaturalist.org - [California Academy of Sciences and the National Geographic Society](#)

ON Element Occurrences - Natural Heritage Information Centre, Ontario Ministry of Natural Resources and Forestry

ON Observations and Source Features - Natural Heritage Information Centre, Ontario Ministry of Natural Resources and Forestry

QC Element Occurrences - Centre de Données sur le Patrimoine Naturel du Québec

**Reviewers by Taxa:**

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