Thamnophis butleri

Present

Presence Expected

Historical

Grand Rapids

Kalamazoo



Parks Canada, Esri, USGS

Ecosystem-based Automated Range (EBAR)

Date Generated: April 4, 2024; Version: 1.0; Stage: Expert Reviewed (Low Star Rating- National); Scope: Canadian

Province of Ontario, Esri Canada, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, NRCan,

Occurrences, 9783 ON Observations and Source Features, 8 VertNet; Expert Reviews - Jeff Hathaway, Cory Trowbridge

Synonyms Used: None Orillia Kingst Peterborough Owen Sound Belleville Barrie Vaughan Lake 244 Ontario Toronto Goderich Oakville Kitchener Rochester Hamilton St. Catharines Midland Buffalo London Samia Flint. Lansing Waterford Detroit Ann Arbor

Input Records - 35 BISON, 103 GBIF, 3 iDigBio, 7 iNaturalist.ca, 207 iNaturalist.ca (original coordinates for obscured records), 2 iNaturalist.org, 22 ON Element

Cleveland

Map centre: 81.1862 °W 43.1318 °N © NatureServe Canada 2020 under CC BY 4.0

120 km

60

MICHIGAN

EBAR is relatively coarse scale data and not intended for all applications and analysis. Please see full disclaimer in metadata.

Toledo



Ecosystem-based Automated Range (EBAR) Metadata

Species

National Scientific Name: Thamnophis butleri (Cope, 1889)

Scientific Name Reference: Crother, B. I. (editor). 2017. Scientific and standard English names of amphibians and reptiles of North America north of

Mexico, with comments regarding confidence in our understanding. 8th edition. SSAR Herpetological Circular 43:1-104.

[Updates in SSAR North American Species Names Database at: https://ssarherps.org/cndb]

National English Name: Butler's Gartersnake

National French Name: Couleuvre à petite tête

Element National ID: 167382

Element Global ID: 103286 (go to NatureServe Explorer)

Element Code: ARADB36020

Endemism Type: N

Canadian COSEWIC Name:

Canadian COSEWIC ID: 588

Rank/Status

Global Rank: G4 (reviewed February 02, 2016)

National Rank (Canada): N2 (reviewed 2024)

Subnational Ranks (Canada): ON=S2

National Rank (United States): N4 (reviewed 1996)

Subnational Ranks (United States): IN=S1, MI=S4, OH=SNR, WI=S3S4

National Rank (Mexico): None
Subnational Ranks (Mexico): None

Canadian SARA Status: Endangered/En voie de disparition (June 05, 2003)

Canadian COSEWIC Status: Endangered (November 26, 2010)

US ESA Status: None

Range Map

Date Generated: April 04, 2024

Version: 1.0

Stage: Expert Reviewed (Low Star Rating- National)

Scope: Canadian

Metadata: Primary Species - Thamnophis butleri (Cope, 1889)

Input Records - 35 BISON, 103 GBIF, 3 iDigBio, 7 iNaturalist.ca, 207 iNaturalist.ca (original coordinates for obscured records), 2 iNaturalist.org, 22 ON Element Occurrences, 9783 ON Observations and Source Features, 8 VertNet; Expert

Reviews - Jeff Hathaway, Cory Trowbridge

Comments: This range has a low star rating. This range overestimates the distribution of T. butleri

Disclaimer: Please review our <u>methods document</u> 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 Thamnophis butleri, Version 1.0, Expert

Reviewed (Low Star Rating-National) (Canadian Scope). Ottawa, Canada. Retrieved from [insert url] on [insert date]

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Project Website: www.natureserve.org/canada/ebar

Contact: ebar-kba@natureserve.ca

Input References: BISON - <u>United States Geological Survey</u>

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

VertNet - National Science Foundation

Reviewers by Taxa: Reviewers by Taxa