# *Orgyia leucostigma sablensis*

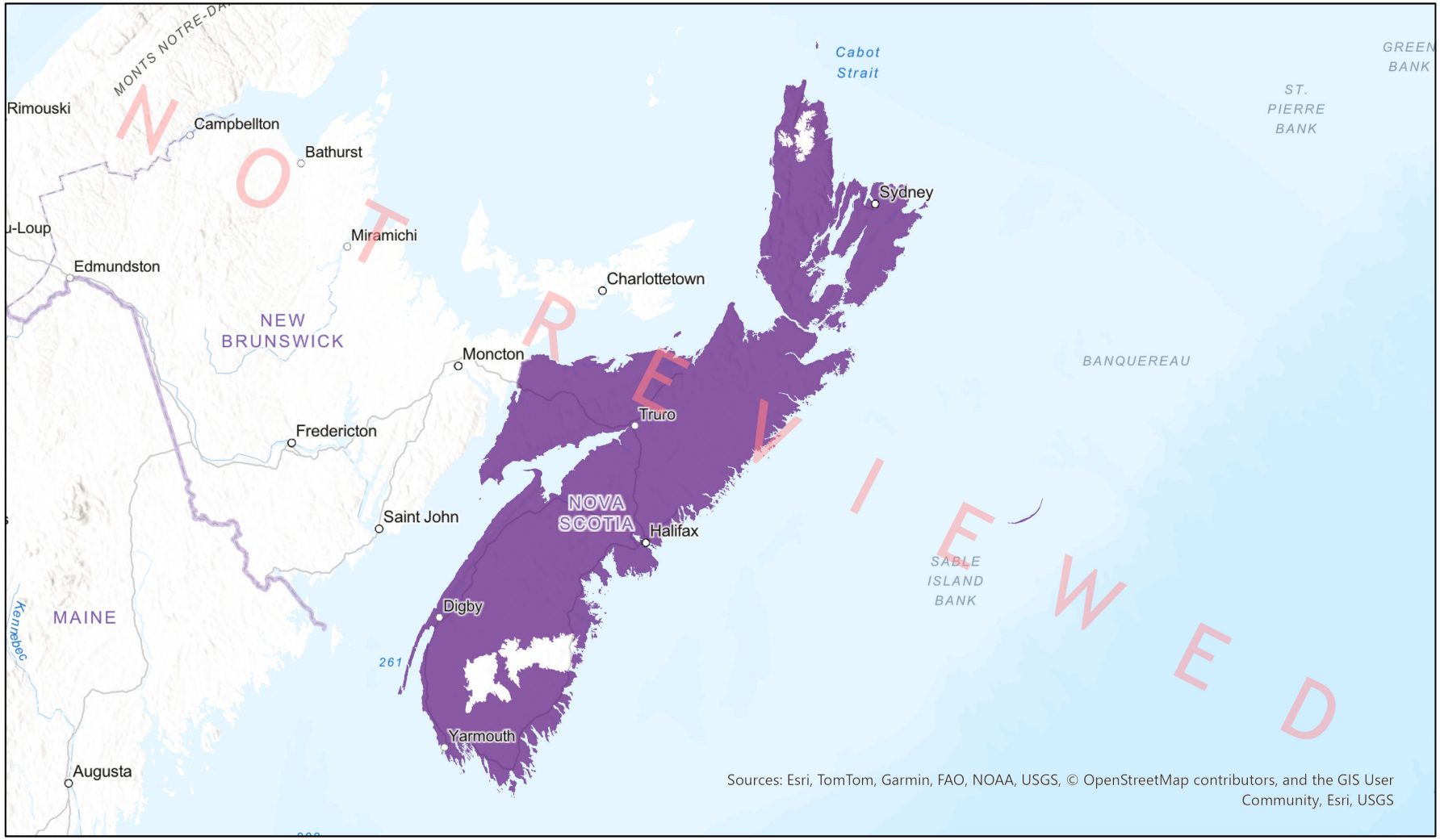
- Present
- Presence Expected
- Historical

NatureServe Canada

## Ecosystem-based Automated Range (EBAR)

Date Generated: March 12, 2026; Version: 1.0; Stage: Auto-generated; Scope: Global

Synonyms Used: None




0 90 180 km

Map centre: 62.4493°O 45.2141°N

Input Records - 425 ACCDC Observations (1976-2022), 10 BAMONA (2013-2019), 1 Canadian National Collection of Insects, Arachnids, and Nematodes (Taxonia export) (1977), 181 GBIF (1957-2022), 924 iNaturalist.ca (2006-2025), 21 iNaturalist.ca (original coordinates for obscured records) (2019-2025), 2 iNaturalist.org (2019-2020), 2 Peabody Museum of Natural History (1957); Expert Reviews -

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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

## Species

| | |
|---|---|
| **National Scientific Name:** | *Orgyia leucostigma sablensis* Neil, 1979 |
| **Scientific Name Reference:** | Pohl, G.R. and S.R. Nanz (eds.). 2023. Annotated taxonomic checklist of the Lepidoptera of North America, north of Mexico. Wedge Entomological Research Foundation, Bakersfield, California. xiv + 580 pp. |
| **National English Name:** | Sable Island White-marked Tussock Moth |
| **National French Name:** | Lymantrie à houppes blanches de l'île de Sable |
| **Element National ID:** | 973515 |
| **Element Global ID:** | 116138 (go to NatureServe Explorer) |
| **Element Code:** | IILEY3W093 |
| **Endemism Type:** | Y |
| **Canadian COSEWIC Name:** | |
| **Canadian COSEWIC ID:** | 3047 |
| **English COSEWIC Common Name:** | Sable Island White-marked Tussock Moth |
| **French COSEWIC Common Name:** | Lymantrie à houppes blanches de l'île de Sable |

## Rank/Status

| | |
|---|---|
| **Global Rank:** | G5T2T3 (reviewed May 02, 2024) |
| **National Rank (Canada):** | N2N3 (reviewed 2024) |
| **Subnational Ranks (Canada):** | NS=S2S3 |
| **National Rank (United States):** | None |
| **Subnational Ranks (United States):** | None |
| **National Rank (Mexico):** | None |
| **Subnational Ranks (Mexico):** | None |
| **Canadian SARA Status:** | None |
| **Canadian COSEWIC Status:** | Special Concern |
| **US ESA Status:** | None |

# Range Map

| | |
|---|---|
| **Date Generated:** | March 12, 2026 |
| **Version:** | 1.0 |
| **Stage:** | Auto-generated |
| **Scope:** | Global |
| **Metadata:** | Primary Species - *Orgyia leucostigma sablensis* Neil, 1979; Secondary Species - *Orgyia leucostigma* (J.E. Smith, 1797) Input Records - 425 ACCDC Observations (1976-2022), 10 BAMONA (2013-2019), 1 Canadian National Collection of Insects, Arachnids, and Nematodes (Taxonia export) (1977), 181 GBIF (1957-2022), 924 iNaturalist.ca (2006-2025), 21 iNaturalist.ca (original coordinates for obscured records) (2019-2025), 2 iNaturalist.org (2019-2020), 2 Peabody Museum of Natural History (1957); Expert Reviews - |
| **Comments:** | None |
| **Disclaimer:** | Please review our methods document before using EBAR.<br>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.<br>The absence of data in any geographic areas does not necessarily mean that a species is not present.<br>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)<br>Present - the species is found within the ecoshape based on species observation data, Element Occurrences, Source Features, Canadian Federal Critical Habitat, or expert opinion.<br>Presence Expected - expert opinion the species may be present, or the ecoshape overlapped with a range estimate or a habitat suitability model.<br>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?), or expert opinion that the species is extirpated or historical. |
| **Usage Type Definitions:** | (Please see Comments above for any exceptions)<br>Breeding - the species is thought to breed within the ecoshape based on eBird Breeding and Behaviour Codes or expert opinion.<br>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, 2026. Ecosystem-based Automated Range (EBAR) for Orgyia leucostigma sablensis, Version 1.0, Auto-generated (Global 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:**

ACCDC Observations - Atlantic Canada Conservation Data Centre
BAMONA - Lotts, Kelly and Thomas Naberhaus, coordinators. 2017. Butterflies and Moths of North America. Data set exported 2020-06-17 at http://www.butterfliesandmoths.org/. Acknowledgment: Data were provided by the Butterfly and Moth Information Network and the many participants who contribute to its Butterflies and Moths of North America project.
Canadian National Collection of Insects, Arachnids, and Nematodes (Taxonia export) - Canadian National Collection Taxonia Database, Schmidt and Jaeger, pers. comm.
GBIF - Global Biodiversity Information Facility
GBIF - GBIF.org (29 June 2023) GBIF Occurrence Download https://doi.org/10.15468/dl.ync22y
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
Peabody Museum of Natural History - Lawrence F. Gall, Entomology Collections Manager, Peabody Museum of Natural History, Yale University

**Reviewers by Taxa:** Reviewers by Taxa