Metadata

Field	Value
Dataset Name	Bottom ice and phytoplankton taxonomy - Hudson Bay 2018
Dataset General Type	taxonomy
Dataset Type	Dataset
Dataset Level	
Program Website	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Marine
URL	https://canwin-datahub.ad.umanitoba.ca/data/group/marine
Title	Plankton
URL	https://canwin-datahub.ad.umanitoba.ca/data/group/plankton
Title	Sea Ice
URL	https://canwin-datahub.ad.umanitoba.ca/data/group/sea-ice
Dataset Status	Complete

Field	Value
Maintenance and Update Frequency	Not planned
Dataset Last Revision Date	2020-11-16
Dataset DOI	10.34992/cmz5-9f56
Metadata Creation Date	2026
Publisher	CanWIN

Dataset Authors

Dataset Authors 1

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	http://orcid.org/

Field	Value
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Dataset Authors 3	
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ORCID ID	
Contributors	
Contributors 1	

Field	Value
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Affiliation	
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Contributors 2

Name	Ehns, Jens
Role	Supervisor
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Affiliation	
ORCID ID	

Project Data Curator	Matthes, Lisa. C
Project Data Curator email	matthesl@myumanitoba.ca
Project Data Curator Affiliation	Centre for Earth Observation Science - University of Manitoba

Field	Value
Dataset Collection Start Date	2018-06-01
Dataset Collection End Date	2018-07-01

Sample Collection

Sample Collection 1

> **Sampling Instrument Name**
>
> Core Barrel
>
> **Standardized Sampling Instrument Name**
>
> KOVACS ice coring systems
>
> **Sample Collection Method Name**
>
> Ice core collection
>
> **Comment**
>
> **Method Link**
>
> **Method Summary**
>
> **Method Description Type**
>
> Methods

Sample Collection 2

> **Sampling Instrument Name**
>
> Rosette Sampler
>
> **Standardized Sampling Instrument Name**
>
> discrete water samplers
>
> **Sample Collection Method Name**
>
> Water collection
>
> **Comment**
>
> **Method Link**

Field	Value
Method Summary	
Method Description Type	Methods
Activity Collection Type	
Preferred citation	
Analytical Instrument	
Analytical Instrument 1	
Analytical Instrument Name	Light microscope (Zeiss Axiovert 10 and Leica DMIL LED)
Standardized Analytical Instrument Name	
Analytical Instrument Identifier Id	
Analytical Instrument Title Type	Alternative Title
Analytical Instrument Identifier Type	
Analytical Method	
Licence Name or Copyright Statement	Creative Commons Attribution 4.0 International
Copyright Statement	
Licence Type	Open
Embargo Date	
Licence URL	https://spdx.org/licenses

Field	Value
Terms of Access	CanWIN datasets are licensed individually, however most are licensed under the Creative Commons Attribution 4.0 International (CC BY 4.0) Public License. Details for the licence applied can be found using the Licence URL link provided with each dataset. By using data and information provided on this site you accept the terms and conditions of the License. Unless otherwise specified, the license grants the rights to the public to use and share the data and results derived therefrom as long as the proper acknowledgment is given to the data licensor (citation), that any alteration to the data is clearly indicated, and that a link to the original data and the license is made available.
Terms of Use	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
Awards	
Related Resources	
Related Resources 1	
Related Resource Name	
Resource Code	
Identifier Type	
Relationship To This Dataset	
Resource Type	Online Resource
Type	
Series Name	
Publications	
Publications 1	

Field	Value
Publication Name	Light propagation in ice-covered environments: Seasonal progression and biological implications. PhD thesis.
Identifier Code	http://hdl.handle.net/1993/35352
Identifier Type	
Relationship to this dataset	
Resource Type	Online Resource
Publication Type	Dissertation

Publications 2

Field	Value
Publication Name	Environmental drivers of spring primary production in Hudson Bay
Identifier Code	doi.org/10.1525/elementa.2020.00160
Identifier Type	DOI
Relationship to this dataset	
Resource Type	Online Resource
Publication Type	JournalArticle

Field	Value
Spatial regions	hudson-bay

Field	Value
Spatial extent West Bound Longitude	

Field	Value
Spatial extent East Bound Longitude	
Spatial extent South Bound Latitude	
Spatial extent North Bound Latitude	

Data and Resources

Field	Value
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/8a645547-bd44-40a1-abfd-9aa6a4aba4e2/resource/490402ae-8f02-454b-8256-5fc10a0f5e4a/download/baysys2018_ice_taxonomy_microscopy.csv
Name	Ice Taxonomy
Description	Species composition of bottom-ice communities - Hudson Bay 2018
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/8a645547-bd44-40a1-abfd-9aa6a4aba4e2/resource/c8e88734-14e1-4402-a0cb-b8aeb8b4c4ca/download/baysys2018_ice_taxonomy_mircroscopy_supplemental.pdf
Name	Supplemental Metadata - ice
Description	Supplemental information - station information, variable details, and data file details.

Field	Value
Format	PDF
Resource Category	supplemental
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/8a645547-bd44-40a1-abfd-9aa6a4aba4e2/resource/2895a21e-065d-42df-a532-ab5b2e10cc30/download/baysys2018_phytoplankton_taxonomy_microscopy.csv
Name	Phytoplankton taxonomy
Description	Species composition of phytoplankton communities - Hudson Bay 2018
Format	CSV
Resource Category	data
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/8a645547-bd44-40a1-abfd-9aa6a4aba4e2/resource/5a1d7ab3-24f3-418a-8615-372866517de9/download/baysys2018_phytoplankton_taxonomy_microscopy_supplemental.pdf
Name	Supplemental Metadata - water (phytoplankton)
Description	Supplemental information - station information, variable details, and data file details.
Format	PDF
Resource Category	supplemental

Campaigns

Field	Value
Title	2018 Spring Hudson Bay Wide CCGS Amundsen Campaign
URL	https://canwin-datahub.ad.umanitoba.ca/data/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign