

# Metadata

<b>Dataset Name</b>	Bottom ice and phytoplankton taxonomy - Hudson Bay 2018
<b>Dataset General Type</b>	taxonomy
<b>Dataset Type</b>	Dataset
<b>Dataset Level</b>	
<b>Program Website</b>	
<b>Keyword Vocabulary</b>	Polar Data Catalogue
<b>Keyword Vocabulary URL</b>	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
<b>Theme</b>	
<b>Dataset Status</b>	Complete
<b>Maintenance and Update Frequency</b>	Not planned
<b>Dataset Last Revision Date</b>	2020-11-16
<b>Dataset DOI</b>	10.34992/cmz5-9f56
<b>Metadata Creation Date</b>	2023
<b>Publisher</b>	CanWIN
<b>Dataset Authors</b>	
<b>Dataset Authors 1</b>	

**Name** Matthes, Lisa. C  
**Type of Name** Personal  
**Email** [matthesl@myumanitoba.ca](mailto:matthesl@myumanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID** 0000-0002-7362-0417  
ORCID  
<http://orcid.org/>

**Dataset  
Authors 2**

**Name** Mundy, C.J.  
**Type of Name** Personal  
**Email** [cj.mundy@umanitoba.ca](mailto:cj.mundy@umanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID**

**Dataset  
Authors 3**

**Name** Ehns, Jens  
**Type of Name** Personal  
**Email** [jens.ehn@umanitoba.ca](mailto:jens.ehn@umanitoba.ca)  
**Affiliation** Centre for Earth Observation Science - University of Manitoba  
**ORCID ID**

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**Contributors**

**Contributors 1**

**Name** Mundy, CJ  
**Role** Supervisor  
**Email**  
**Affiliation**  
**ORCID ID**

**Contributors 2**

**Name** Ehns, Jens  
**Role** Supervisor  
**Email**  
**Affiliation**  
**ORCID ID**

**Project Data Curator**

Matthes, Lisa. C

**Project Data Curator email**[matthesl@myumanitoba.ca](mailto:matthesl@myumanitoba.ca)**Project Data Curator Affiliation**

Centre for Earth Observation Science - University of Manitoba

**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**

**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

**License Name** Creative Commons Attribution 4.0 International

**Licence Type** Open

## Embargo Date

**Licence URL** <https://spdx.org/licenses>

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## 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**

**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**

**Publication Name** Environmental drivers of spring primary production in Hudson Bay

**Identifier Code** [doi.org/10.1525/elementa.2020.00160](https://doi.org/10.1525/elementa.2020.00160)

**Identifier Type** DOI

**Relationship to this dataset**

**Resource Type** Online Resource

**Publication Type** JournalArticle

**Spatial regions**

hudson-bay

**Spatial extent West Bound Longitude****Spatial extent East Bound Longitude****Spatial extent South Bound Latitude**

**Spatial  
extent North  
Bound  
Latitude**

# Data and Resources

<b>URL</b>	<a href="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">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</a>
<b>Name</b>	Ice Taxonomy
<b>Description</b>	Species composition of bottom-ice communities - Hudson Bay 2018
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	Supplemental Metadata - ice
<b>Description</b>	Supplemental information - station information, variable details, and data file details.
<b>Format</b>	PDF
<b>Resource Category</b>	supplemental
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	Phytoplankton taxonomy
<b>Description</b>	Species composition of phytoplankton communities - Hudson Bay 2018
<b>Format</b>	CSV
<b>Resource Category</b>	data
<b>URL</b>	<a href="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">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</a>
<b>Name</b>	Supplemental Metadata - water (phytoplankton)
<b>Description</b>	Supplemental information - station information, variable details, and data file details.
<b>Format</b>	PDF
<b>Resource Category</b>	supplemental



# Campaigns

**Title** 2018 Spring Hudson Bay Wide CCGS Amundsen Campaign

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign>