

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/en/group/marine
Title	Plankton
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/group/plankton
Title	Sea Ice
URL	https://canwin-datahub.ad.umanitoba.ca/data/en/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	
Name	Matthes, Lisa. C
Type of Name	Personal
Email	matthesl@myumanitoba.ca
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ORCID ID	0000-0002-7362-0417
	ORCID
	http://orcid.org/

Field	Value
Dataset Authors 2	
Name	Mundy, C.J.
Type of Name	Personal
Email	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
Affiliation	Centre for Earth Observation Science - University of Manitoba
ORCID ID	
Contributors	
Contributors 1	

Field	Value
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
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
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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	
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
Spatial regions	hudson-bay
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/en/campaign/2018-spring-hudson-bay-wide-ccgs-amundsen-campaign