

Science & Education Report

Alaska & British Columbia

23rd May – 1st June

The letters 'HX' are rendered in a large, white, serif font. They are semi-transparent, allowing the background image to be seen through them. The background is a landscape photograph of a calm body of water, possibly a lake or a wide river, reflecting the sky and the surrounding forest. The sky is a deep blue with some lighter clouds. The forest on the far bank is dense with evergreen trees, some of which have yellowed leaves, suggesting an autumn setting. In the foreground, there are several icebergs floating in the water, their white and blue surfaces reflecting the light. The overall mood is serene and natural.

MS Roald Amundsen

23.5 – 1.6, 2026
Alaska and British Columbia

When you arrived on MS Roald Amundsen, you boarded a research-focused expedition ship fully equipped as a floating laboratory and designed to be a centre of learning and discovery.

In your time on board, you contributed to scientific studies and expanded your knowledge of the world around you. Here, we look back on our journey and what we accomplished while sailing through Alaska and British Columbia.





Science & Education Program

Our onboard Naturalists guided guests using scientific tools to investigate the world around us. Through lectures, discovery sessions, expedition boat cruises, and visits ashore, we aimed to make every expedition day a memorable and unique learning experience.

Alaska & British Columbia: Culture

One thing is hearing, reading, or watching documentaries about the native cultures of Alaska. It is quite another to witness that cultural heritage for yourself.

In Kake, we were greeted by the local community, who performed a traditional dance ceremony alongside local school children and explained the customs and traditions of the Tlingit people. They also showed us the regalia worn by different clans and gave us a demonstration of the Inuit Olympic Games.



History & Culture

Beyond the native Alaskan cultures, this voyage took us deep into the human history of the region — from the moment the Russians arrived in this territory to how it evolved over the centuries that followed. We explored their motivations, the period of their influence, their eventual withdrawal, and the lasting impact all of this had on the peoples who had long called this place home.

We also came to understand the reasons behind the US purchase of Alaska and how the region developed from that point on, including key historical events in South East Alaska such as the Exxon Valdez oil spill.





Science Boat

During the voyage, plankton sampling focused on the abundance and species of phytoplankton present in Alaskan waters.

The data collected contributed to the NOAA-funded Harmful Algal Bloom (HAB) project, which monitors potentially harmful phytoplankton blooms.

During science boat sessions in Icy Bay, Inian Islands, and William Henry Bay, we deployed a CTD to profile the water column, measured turbidity to estimate phytoplankton abundance, and collected plankton net samples.

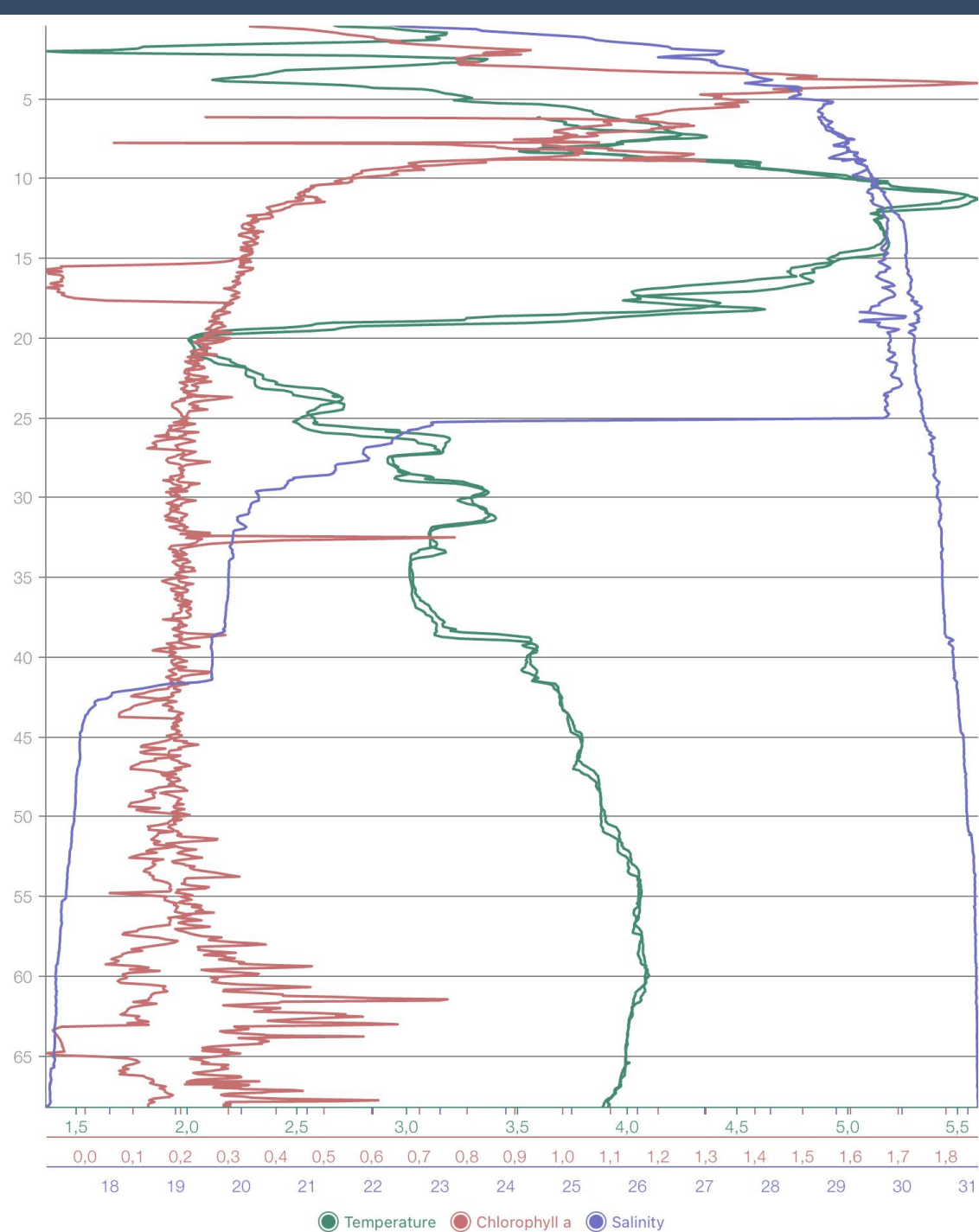
Science Boat: CTD data — Icy Bay

Temperature (green) is coldest near the surface at around 1.5°C in the upper 1–2 m, influenced by glacial meltwater and runoff entering the bay. Temperature then gradually increases to 5.5°C at around 10 m, before decreasing again and remaining stable from around 25 m at 3.7°C. This inverted temperature structure is common in glacier-fed fjords, where cold freshwater overlies warmer oceanic water at depth.

Salinity (blue) is lowest at the surface at approximately 26 PSU, reflecting strong freshwater input from melting glaciers and river discharge. Salinity steadily increases with depth, reaching around 31 PSU below ~25 m, indicating denser marine water beneath the fresher surface layer.

Chlorophyll-a (red) shows its highest concentrations in the upper ~2–10 m, with a maximum of 1.8 µg/l. This suggests phytoplankton are concentrated in the sunlit surface layer where enough light is available for photosynthesis, while still benefiting from nutrients mixed upward from deeper water. Below ~15 m, chlorophyll levels drop off and remain very low at depth due to reduced light availability.

Overall, this profile reflects a classic glacier-fed Alaskan fjord system: cold fresh meltwater on top, a strong halocline/thermocline beneath it, and a two-layer chlorophyll structure shaped by stratification and nutrient supply.



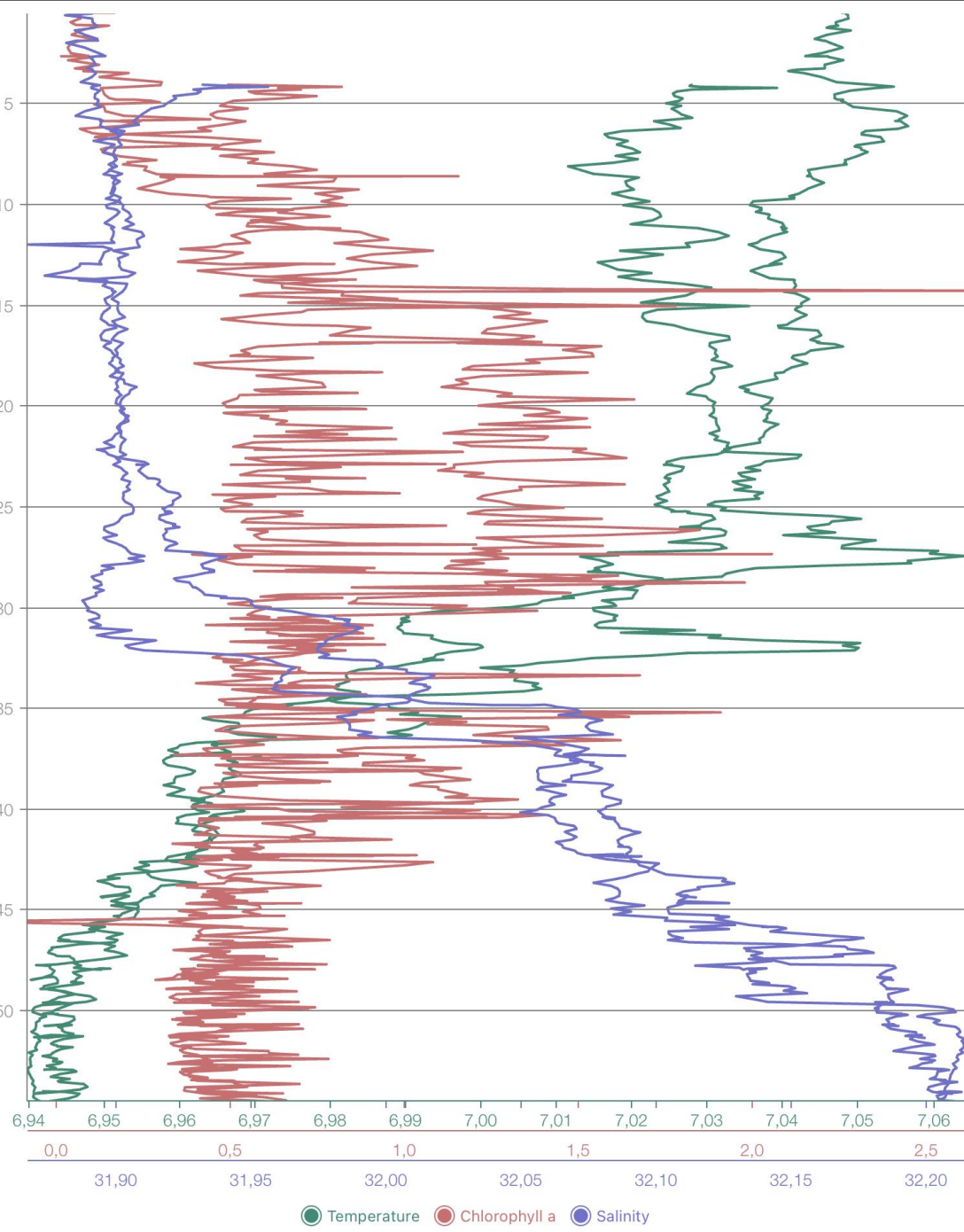
Science Boat: CTD data – Inian Islands

Temperature (green), despite the noisy data, is very stable throughout the profile, remaining at $\sim 6.94\text{--}7.05^\circ\text{C}$ from the surface to ~ 55 m depth. There are only small fluctuations, suggesting the water column is well mixed. This is typical of high-energy tidal environments like the Inian Islands, where strong currents and mixing continually redistribute heat through the water column.

Salinity (blue) remains relatively high and consistent throughout the cast at $\sim 31.9\text{--}32.2$ PSU, with only minor variation with depth. This indicates a predominantly marine water mass with little freshwater influence compared to glacier-fed fjords such as Icy Bay. The lack of a strong halocline again suggests vigorous tidal mixing is preventing the formation of stable surface layers.

Chlorophyll-a (red) is highest between 15–35 m at $2.5\mu\text{g/l}$, suggesting this depth range contains the optimum balance of nutrients and light availability.

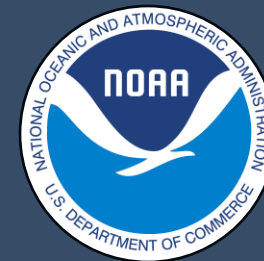
Overall, this profile reflects a dynamic, well-mixed coastal system strongly influenced by tidal exchange.





Plankton samples

Plankton are ocean drifters, transported by currents and tides and unable to navigate against these natural forces. Animals (zooplankton) and plant-like algae (phytoplankton) play a key role in supporting the marine food web and the health of our oceans.

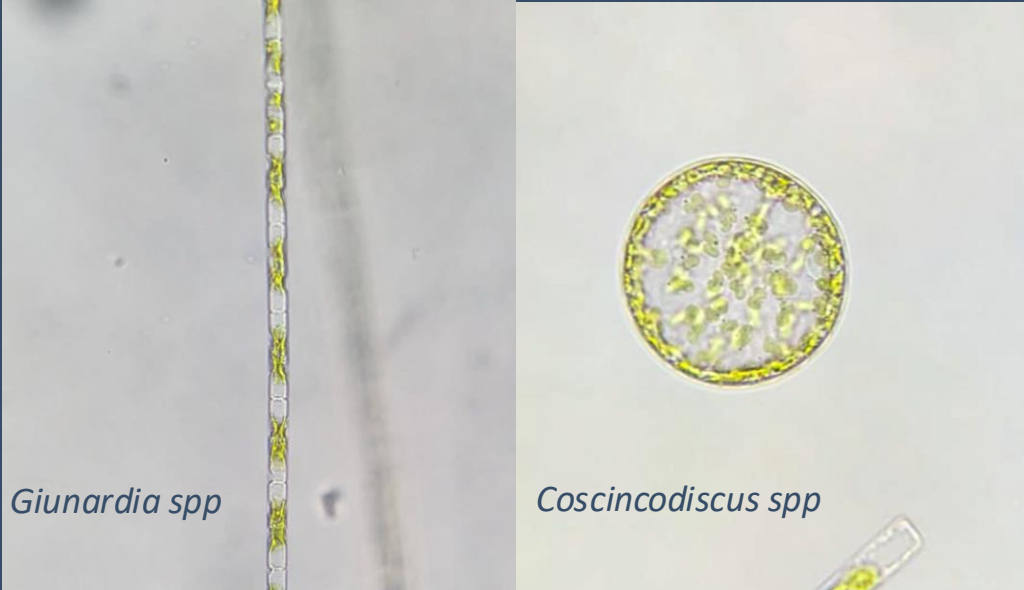


Phytoplankton & Harmful Algal Bloom (HAB) Project

Phytoplankton underpin the marine food web as they, like plants on land, contain photosynthetic pigments (chlorophyll) that convert sunlight into energy and oxygen, and also sequester carbon dioxide.

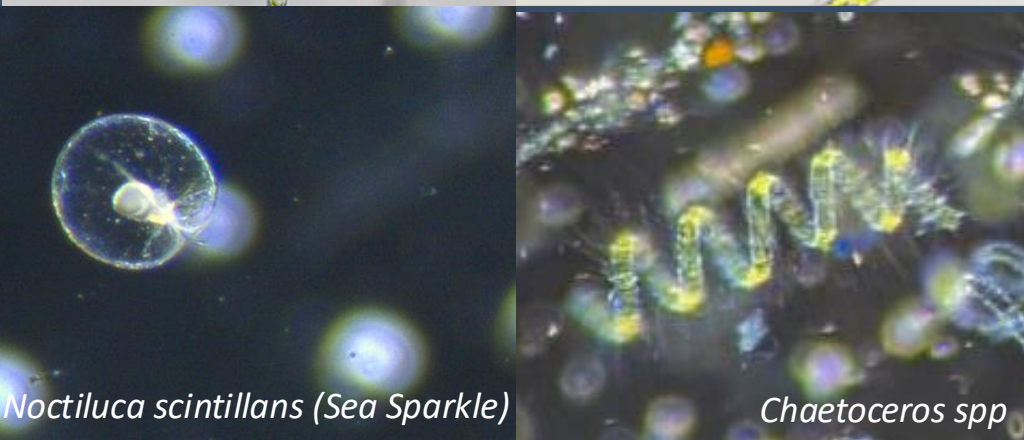
We collected phytoplankton samples in Misty Fjord, Inian Islands, Icy Bay, College Fjord, and Hamilton Bay, and reported the abundance and species present to the HAB project to detect harmful blooms of microalgae. These blooms, caused by excessive nutrient pollution and environmental changes, can produce toxins that harm aquatic life, disrupt ecosystems, and pose health risks to humans. The HAB project aims to monitor outbreaks, identify contributing factors, and develop strategies to predict, prevent, and manage HABs through scientific research.

We detected high levels of our target species in samples taken in Hamilton Bay, near Kake (Chaetoceros and Noctiluca, pictured middle left), suggesting a HAB event. The sample was preserved and reported to NOAA for further testing and confirmation.



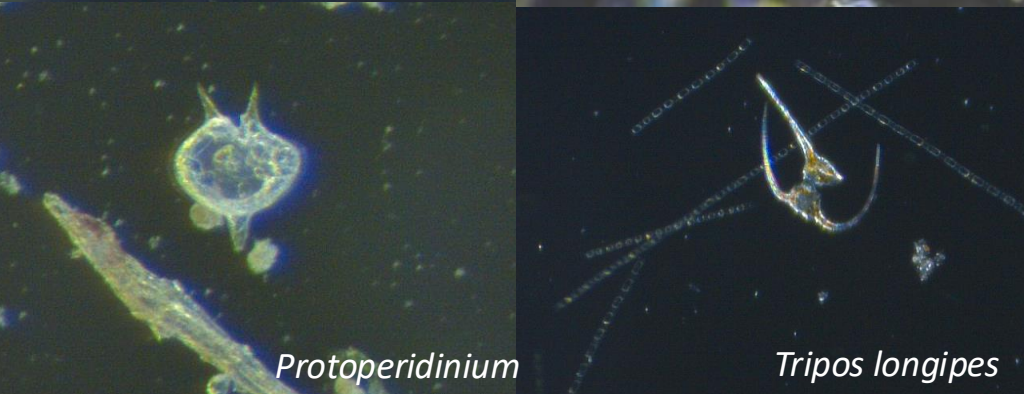
Giunardia spp

Coscinoediscus spp



Noctiluca scintillans (Sea Sparkle)

Chaetoceros spp



Protoperidinium

Tripos longipes

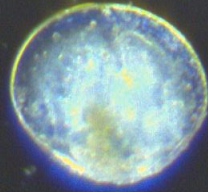
Zooplankton

We also collected zooplankton samples at each of our sampling locations. Samples included 'holoplankton', which remain planktonic throughout their whole life cycle, such as copepods and arrow worms, and 'meroplankton', which are only planktonic for part of their life cycle, such as crab and fish larvae.

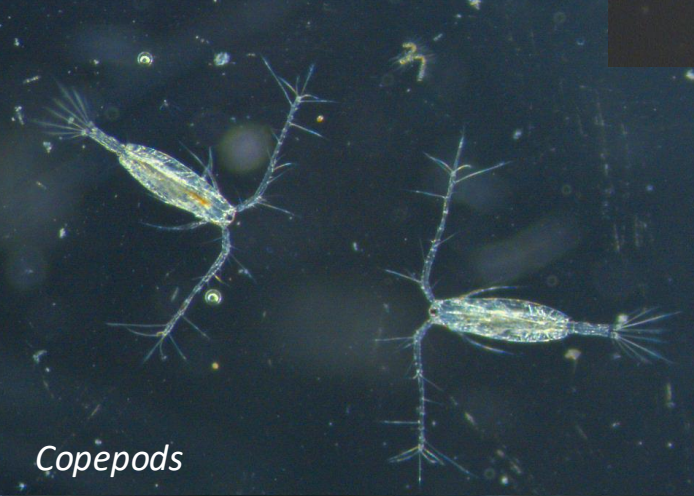
The photos taken on our microscopes have also been added to our iNaturalist project to help monitor plankton biodiversity.



Barnacle cypris larvae



Bivalve larvae



Copepods



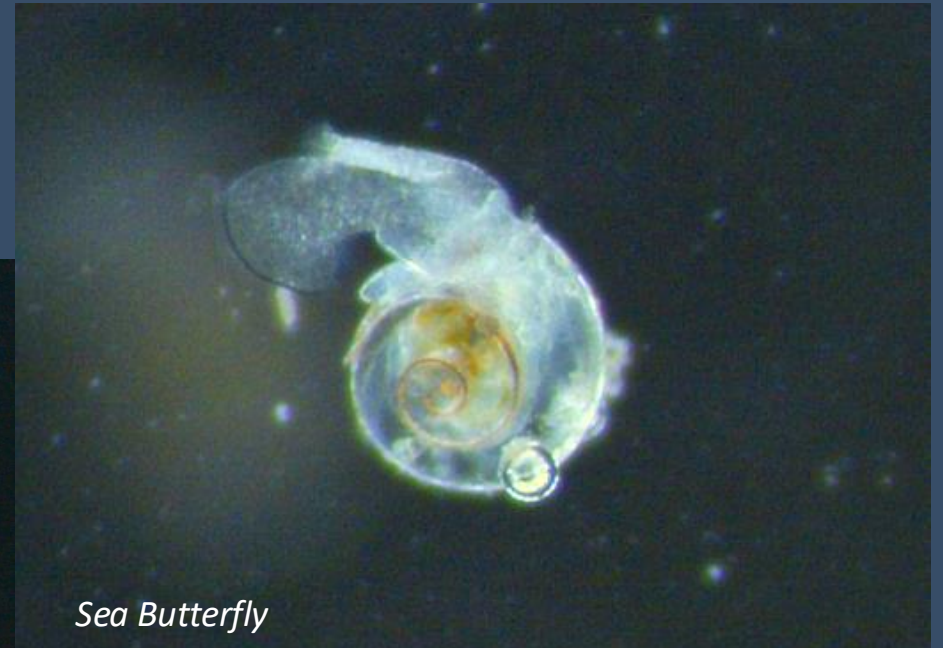
Bristle worm



Water flea



Shrimp larvae



Sea Butterfly



Photo by Jenna Silk – Leaving Misty Fjord, Alaska 25.05.2026

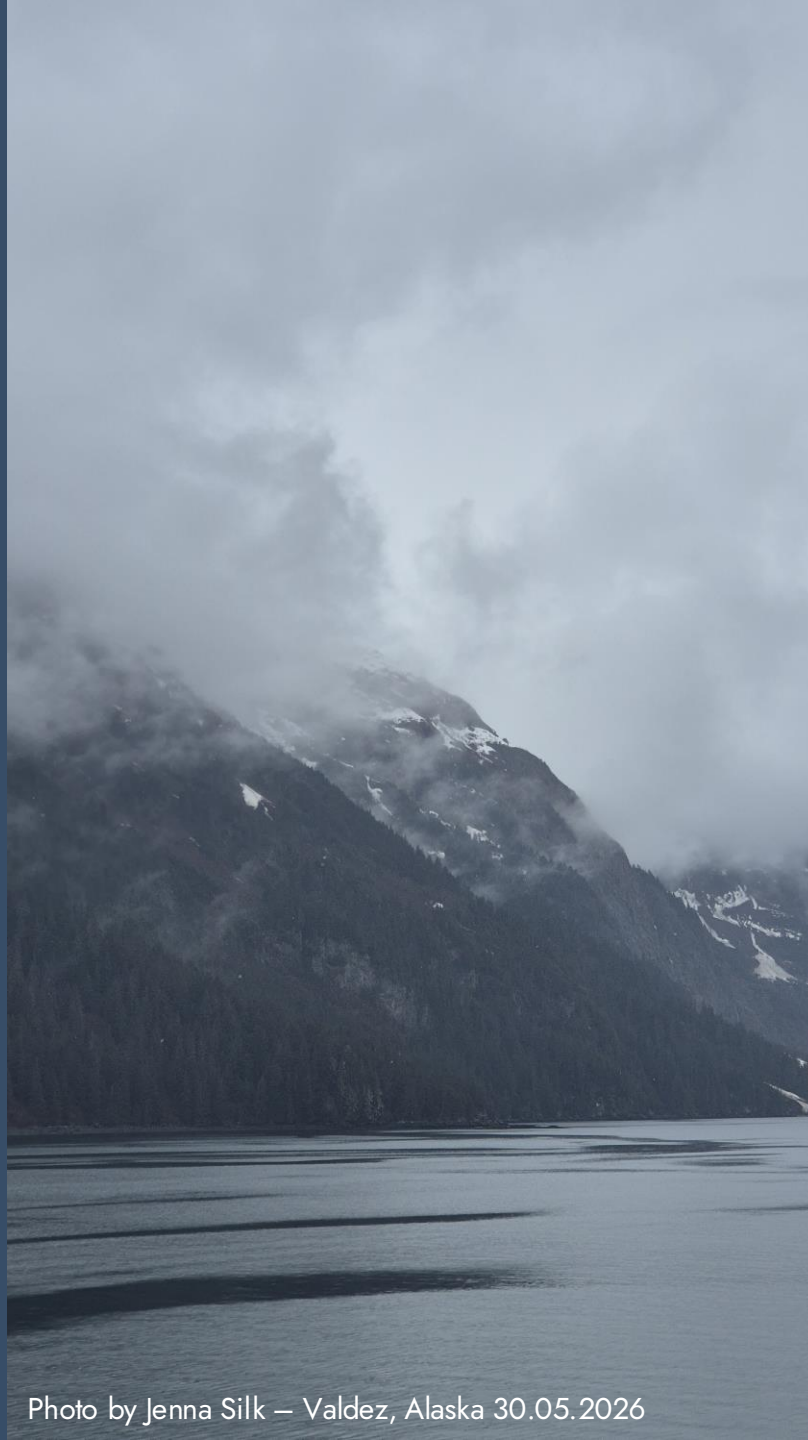


Photo by Jenna Silk – Valdez, Alaska 30.05.2026

Citizen Science NASA Cloud Observer

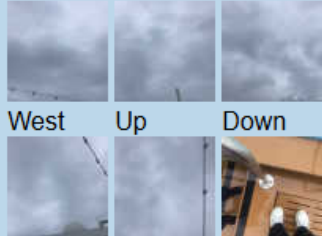
Clouds are not just shapes in the sky; they are important components of Earth's heat budget and balance. Information about when, where, and what types of clouds are forming helps scientists understand more about Earth's climate and climate change. Through NASA's GLOBE Cloud Observer programme, we help contribute such data.

Our Citizen Scientists submitted **three observations over three sessions** to the global database run by NASA. Our observations were not matched to data from weather satellites on this occasion, but our observations from below still contributed to the growing baseline data for these remote regions.

If you would like to continue cloud observations at home, you can download the GLOBE Observer app.

[View our data on the global map](#)



Observation	GLOBE	NOAA-20 Satellite
Universal Date/Time	2026-05-13 21:46:00	2026-05-13 21:33
Latitude	60.08	59.67 to 60.47
Longitude	-141.44	-141.82 to -141.02
Total Cloud Cover	Sky Obscured 	Overcast 99.89% 
High Clouds	Sky Obscured by Fog/Stratus Clouds/Contrails > 25% Obscured 	
Mid Clouds		Cover: Overcast 99.89%  Altitude: 4.24 (km) Phase: Ice/Water Mix 257.16 (K) Opacity: Opaque
Low Clouds		
GLOBE Cloud Photos and Corresponding NASA Satellite Images. Click image to view --->	GLOBE Photos North East South West Up Down 	VIIRS NOAA-20 Worldview  Worldview Tutorial

Citizen Science NASA Cloud Observer

The light blue column marks one example of observation data taken on a previous voyage that was matched with satellite data from above at the same time.

The white column marks the data collected by the satellite NOAA-20.

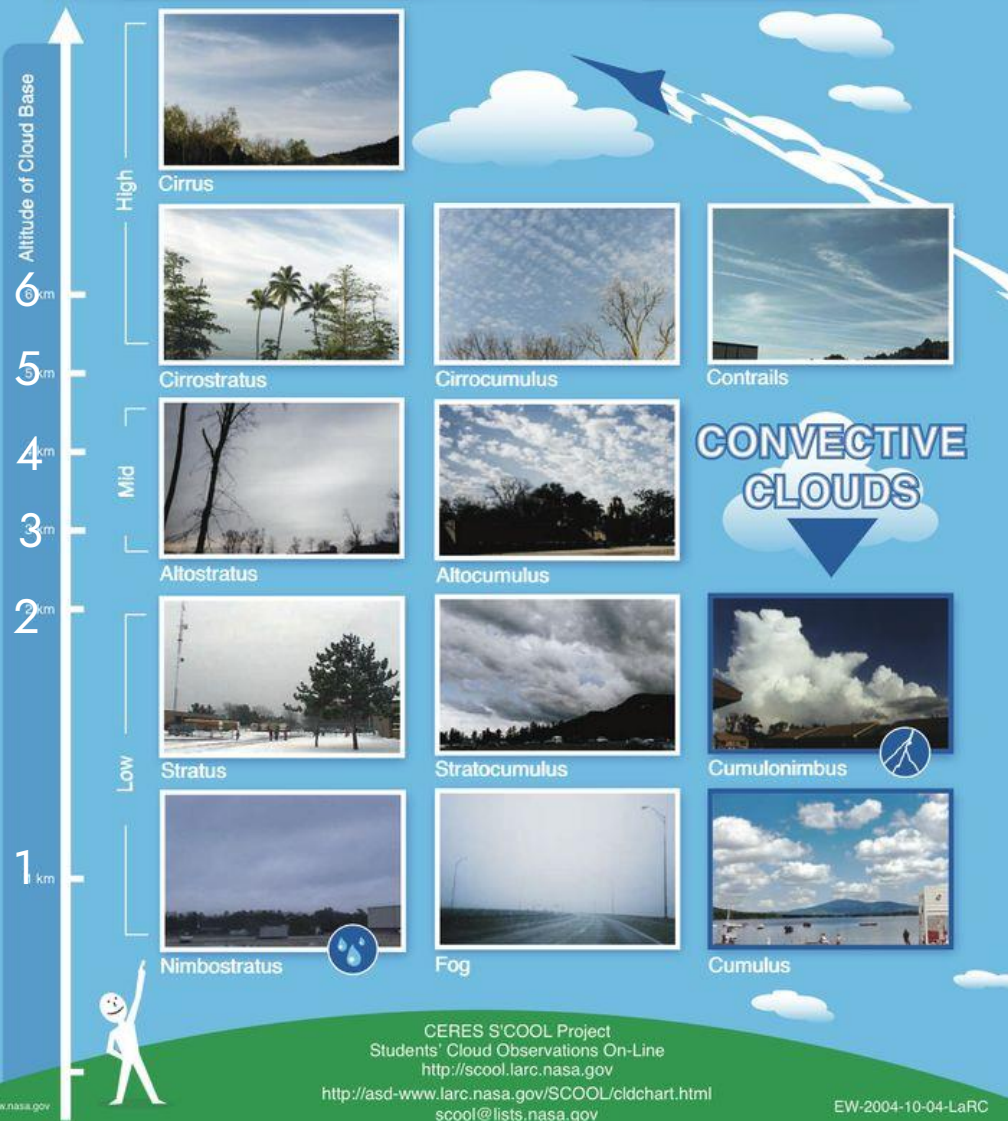
When we have both observations together, we can fill in the gaps between ground observations and orbital satellite observations. This helps to improve our understanding of cloud cover in remote regions.

On this day, the sky was very overcast and we could only see the low-level clouds, with no visibility of anything above them. For the satellite it was the opposite: it could only see the higher-level clouds and had no view of what was happening at lower levels. We therefore provided additional data about clouds in that area on that day that the satellite could not have gathered otherwise.

[View our data](#) on the global map



S'COOL Cloud Identification Chart



Citizen Science

NASA Cloud Observer

High clouds (base above 6,000 metres):

- Cirrus: Thin, wispy clouds composed of ice crystals. They often appear as delicate streaks or feathery wisps high in the sky.
- Cirrostratus: Thin sheet clouds that cover large portions of the sky. They can create a halo around the sun or moon.
- Cirrocumulus: Small, fluffy clouds resembling fish scales or ripples.

Medium clouds (base between 2,000 and 6,000 metres):

- Altostratus: Puffy, greyish-white clouds with rounded edges. They often form parallel rows or patches.
- Altostratus: Thick, greyish clouds that partially obscure the sun or moon. They lack the distinct features of cirrostratus.

Low clouds (base below 2,000 metres):

- Stratus: Uniform, grey clouds that cover the sky like a blanket. They can bring drizzle or light rain.
- Stratocumulus: Low, lumpy clouds with defined edges. They often appear in rows or patches.
- Nimbostratus: Thick, dark grey clouds associated with steady rain or snow.

If you would like to explore more examples, you can check out NASA's **On-Line Cloud Chart**. **View our data** on the global map.

Citizen Science Happywhale



Cetaceans — whales, dolphins, and porpoises — capture our imaginations whenever we witness them. Something as simple as taking a photo can help scientists learn more about these animals. That is where Happywhale comes in: by using AI to match images of whales submitted by users, they can track individuals as they migrate across the world and through their lives. When you submit a photo of a whale, you will be notified of any past and future matches of that individual.

So far we have four registered submissions of humpback whale tail flukes and three orcas submitted from the ship during this voyage. All four of the humpbacks have already been matched to known individuals. It is never too late to upload ID-quality photos of any whales — and seals with spots — from this trip or any previous trips you may have photos from. Older photos are just as valuable, as they can tell us whether individuals known from recent encounters were alive prior to those records.

[View](#) the MS Roald Amundsen's submissions to Happywhale during our voyage!



MS Roald Amundsen

Images 744 Encounters 1285 Identified 745

Individuals 694 Species 33

Following 0 Users 1 Orgs 1
Followers 16

Organizations



HX Expeditions
City of London, England,
United Kingdom



Map Info

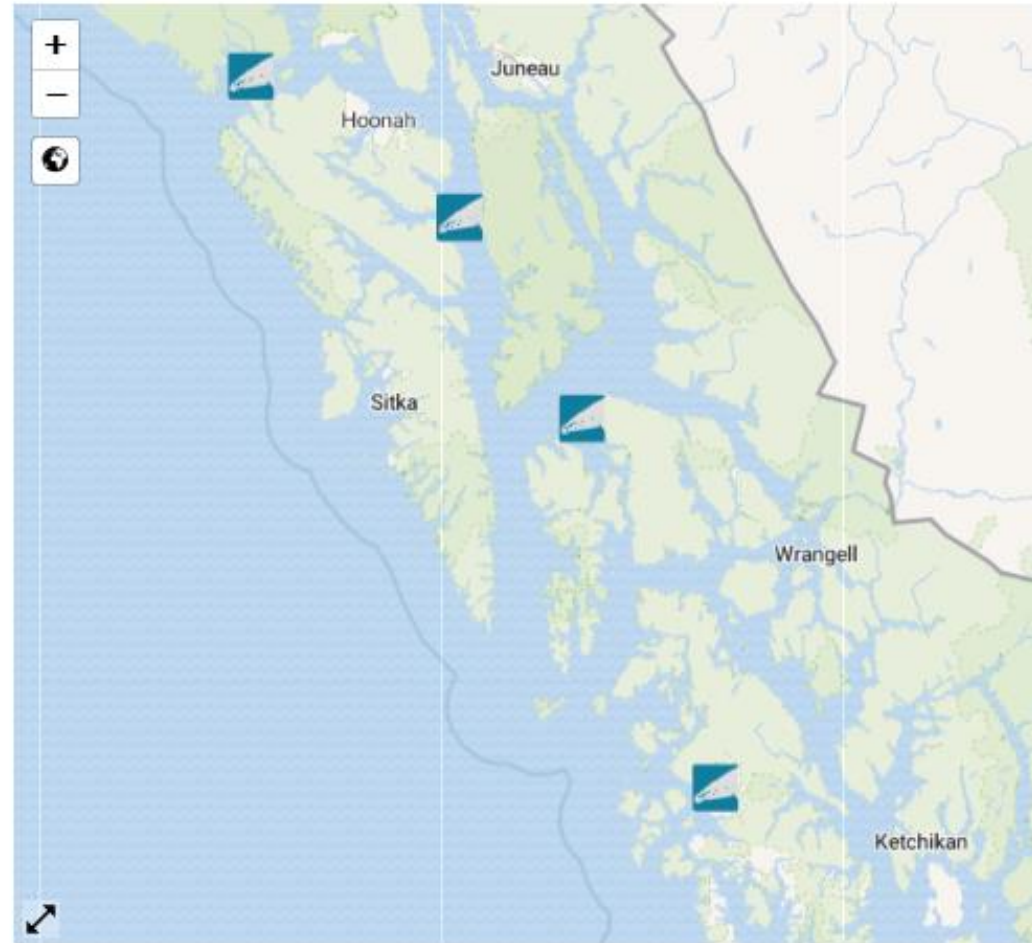
Total		Visible
4	Encounters	4
4	Individuals	4
1	Species	1

☐ Show User Photographed Only
☐ Show Individual Connections

Highlighted Photos



1 - 6 of 200



HX Expeditions

2026-05-23 - 2026-06-01

Boat MS Roald Amundsen

Encounters



Individual



Jazz (Wrangell)

ID SEAK-5125

Sex Unknown

Humpback Whale

Also Known As

HW-MN0400924

GWAK-P069

Sightings 12

First



2008-01-24

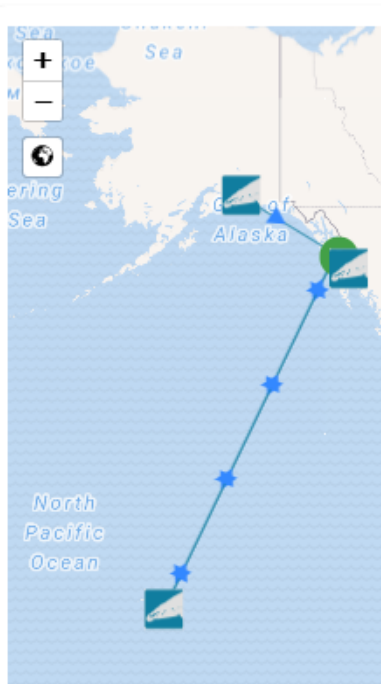
Alaska, United States

Last



2026-05-27

Alaska, United States



Individual



Equals (Juneau) aka Bercherville (FS)

ID SEAK-1038

Sex Unknown

Humpback Whale

Also Known As

HW-MN0400064

BC20296

CAEP-511

SPLASH-470042

PWF-NP_5006

Sightings 70

First



1988-01-08

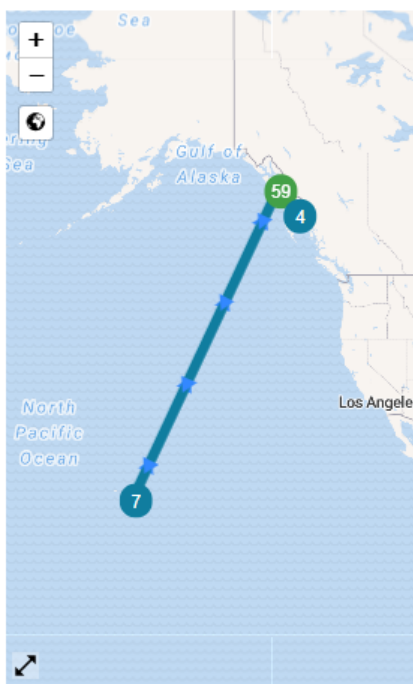
Hawaii, United States

Last



2026-05-27

Alaska, United States



© Ingvild Riska/HX — Ornithologist, 28 May 2026, Inian Islands, expedition boat session. This whale was identified as individual SEAK-2619, last seen two months prior on 1 March 2026 near Baja California Sur, Mexico.



Individual



[Unnamed]

ID SEAK-UASE-JMS-20050909-4-041

Sex Female

Humpback Whale

Also Known As

SPLASH-574491

OSU_CCGL-gSEA05-52872

SWFSC-52872

Sightings 3

First



2005-09-09

Alaska, United States

Last



2026-05-26

Alaska, United States

Followers

0

Follow



Home Browse Stats Submit Images About WhaleID Name

Individual

[Unnamed]

ID SEAK-2619

Sex Unknown

Humpback Whale

Sightings 5

First



2025-01-19

Baja California Sur, Mexico

Last



2026-05-28

Alaska, United States

Followers

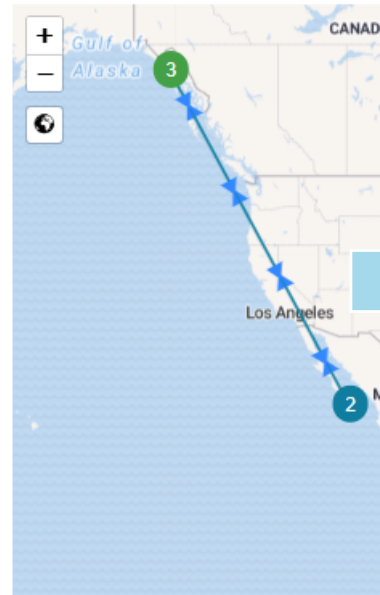
1

Follow



Seen this individual?

Share Your Experience



The opportunity to name this whale was auctioned successfully on board, raising €500 for Happywhale research efforts. Search it's ID number on Happywhale to see what they were named.



Citizen Science **ORCA**

While sailing through Alaska, you were joined by ORCA Ocean Conservationist Leo, who was collecting data during wildlife watches on whales, dolphins, and porpoises. ORCA is a cetacean conservation charity dedicated to the long-term protection of whales, dolphins, and porpoises.

The data Leo collected was sent back to ORCA and made available to many organisations working in cetacean conservation. Visit orca.org.uk for more information.

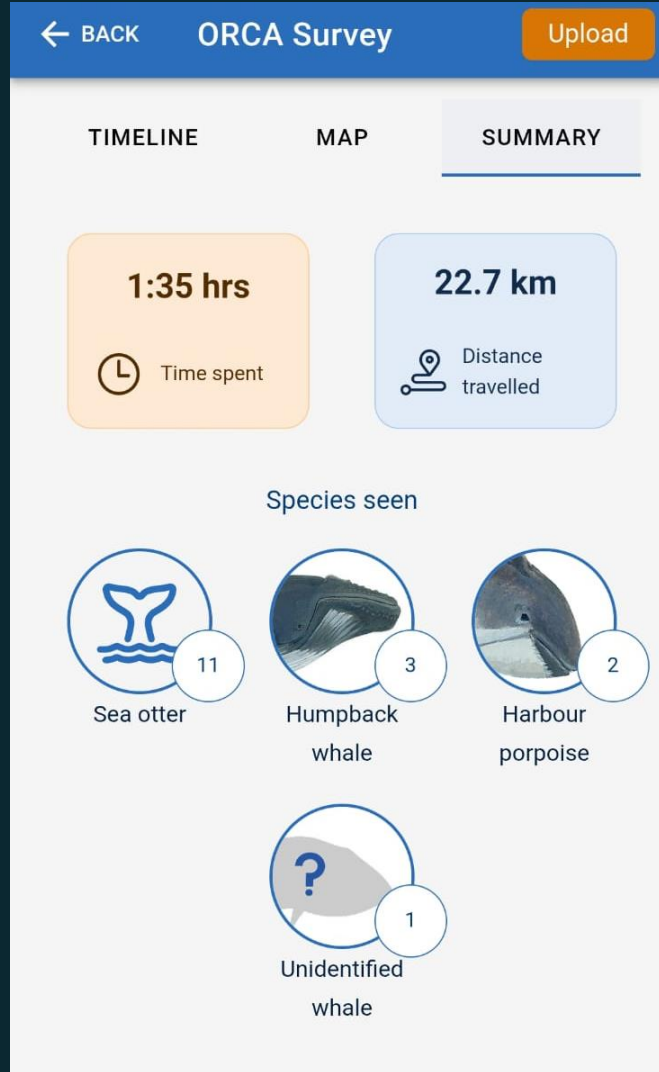


Jeff Lister

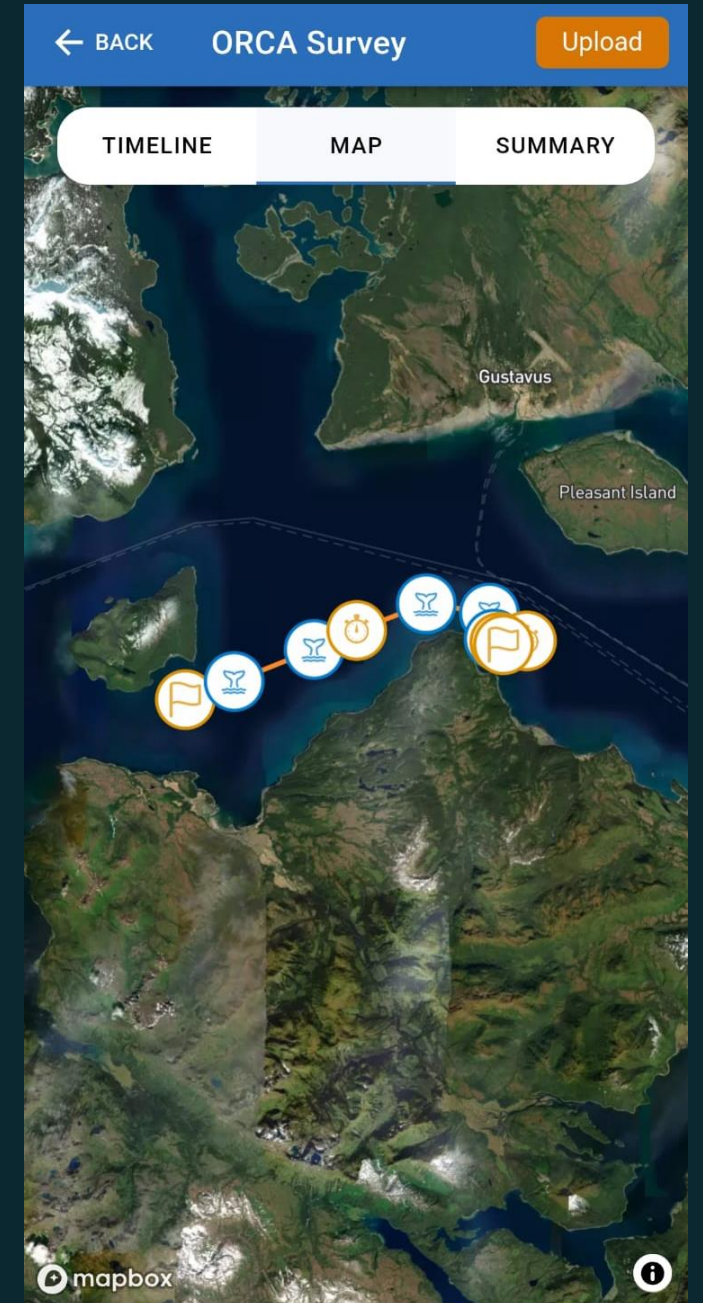
OceanWatchers Survey Effort

A sincere thank you to everyone who came out and joined the Naturalists for the wildlife watches in all weathers. There were not always sightings, but it was a pleasure getting to know you all out on deck.

In total, 21.8 hours of data were gathered, spanning 387.7 km. Every kilometre counts in building a better understanding of population dynamics.



Screenshots from the data collection



What Species Did We See?

6

Unidentified whales

18

Humpback whale

12

Killer whale

6

9

Harbour porpoise

1

Dall's porpoise

34

Citizen Science iNaturalist

During our voyage we had the chance to explore many different ecosystems: from the rainforest to the intertidal zone and the kelp forest, and from rivers and lakes to glaciated fjords. In these habitats we observed a wide variety of trees, flowers, marine invertebrates, mammals, and birds.

In total we recorded:

- 185 species
- 427 observations

... and counting, as you upload more photos from home our dataset grows. Through iNaturalist, these observations can be used as data in global scientific research.

Thanks for your participation!

View the data we submitted to our iNaturalist project here:

**2026 May 23 - June 1: MS Roald Amundsen:
Alaska & British Columbia · iNaturalist**





13 observations

Bald Eagle ·
Hvithodehavørn ·
Weißkopfseeadler
Haliaeetus leucocephalus



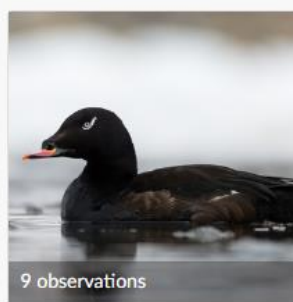
10 observations

Sea Otter · Havoter ·
Seeotter
Enhydra lutris



9 observations

Common Murre · Lomvi ·
Trottellumme
Uria aalge



9 observations

White-winged Scoter ·
Knoppsjørre ·
Höckersamtente
Melanitta deglandi



8 observations

Western Skunk Cabbage ·
Skunkkala · Amerikanischer
Stinktiekohl
Lysichiton americanus



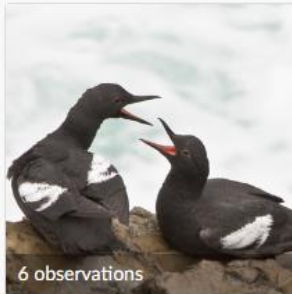
7 observations

Marbled Murrelet ·
Marmordvergeist ·
Marmelalk
Brachyramphus marmoratus



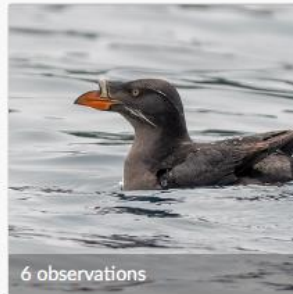
7 observations

Salmonberry ·
Prydbringeber · Pracht-
Himbeere
Rubus spectabilis



6 observations

Pigeon Guillemot ·
Beringteist · Taubenteiste
Cephus columba



6 observations

Rhinoceros Auklet ·
Neshornlunde · Nashornalk
Cerorhinca monocerata



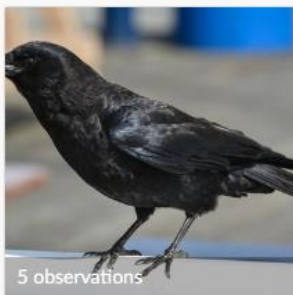
6 observations

Humpback Whale ·
Knølhval · Buckelwal
Megaptera novaeangliae



5 observations

Pacific Loon ·
Amerikastorlom ·
Pazifiktaucher
Gavia pacifica



5 observations

American Crow ·
Amerikakråke ·
Amerikanerkråhe
Corvus brachyrhynchos



5 observations

American Black Bear ·
Svartbjørn ·
Amerikanischer
Schwarzbär
Ursus americanus



5 observations

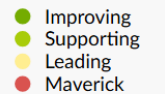
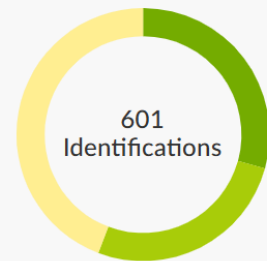
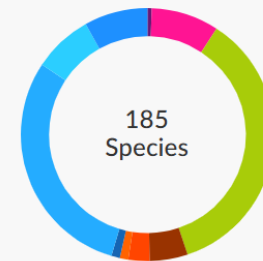
Harbor Seal · Steinkobbe ·
Seehund
Phoca vitulina



5 observations

Western Lily of the Valley
Maianthemum dilatatum

The most observed species





Varied Thrush, *Ixoreus naevius*

Citizen Science eBird

At sea and on land, our onboard Ornithologist and enthusiastic birder guests were constantly surveying the avifauna we encountered along our route. The diversity of habitats we travelled through provided an equally diverse array of birds, from the majestic bald eagle to a great variety of ducks and shorebirds.

Including onboard wildlife watches and eBird sessions on deck, we recorded **86 bird species** across **51 eBird checklists**. Through the eBird platform, the data we collected is available to scientists around the world to help understand patterns of bird distribution, migration, and habitat use.

View our data for this trip here:
2026 May 23 - June 1: MS Roald
Amundsen: Alaska & British Columbia,
Fjords of the Great Land - eBird Trip
Report

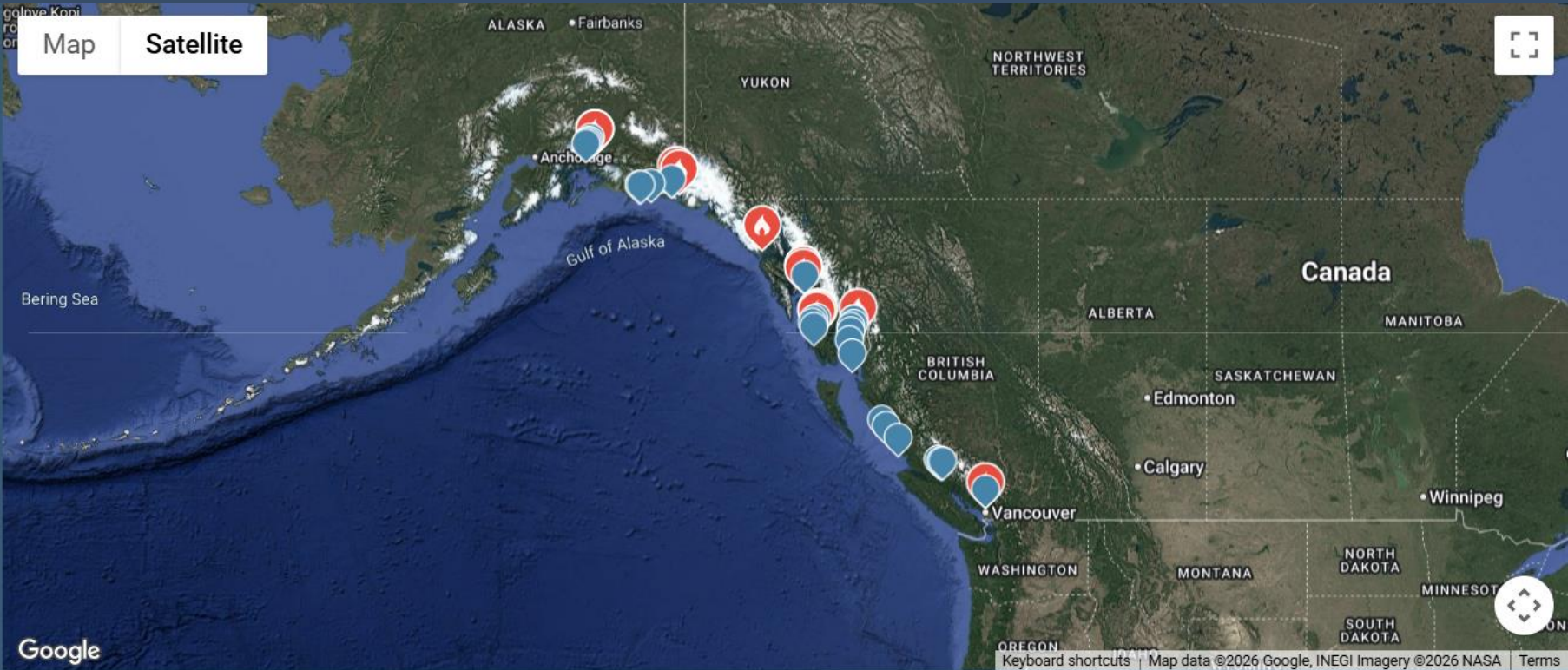
2026 May 23 - June 1: MS Roald Amundsen: Alaska & British Columbia, Fjords of the Great Land

23 May – 1 Jun 2026 (10 days) [Link-only](#)

[Canada](#) | [United States](#) | [Subregions](#)

[M/S Roald Amundsen Science Center](#), [Ingvild Riska](#),
[CRAIG P JOHNSTON](#), [Daniel Moore](#), [Rich Brahler](#)

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This is a collection of checklists from crew and guests for the May 23rd to June 1st 2026 voyage of MS Roald Amundsen: Alaska & British Columbia, Fjords of the Great Land, northbound.

[Edit narrative](#)

DATA FOR: **Group (all people)** ▾

86
Species Observed
+6 other taxa

51
Checklists

43
Species with Photos

Guest Scientist: NSF NCAR Citizen Science weather data collection

NCAR guest scientist, Darcy, held **6** citizen science sessions to collect weather data.

Hand-held Kestrel weather stations were used to measure:

- Temperature
- Wind speed
- Wind chill
- Relative humidity
- Dew point temperature

50 data points were collected throughout the cruise



Wildlife List — Birds



Wildlife List — Birds

Scientific Name	English	Deutsch	Français
<i>Branta bernicla</i>	brant	Ringelgans	Bernache cravant
<i>Branta canadensis</i>	Canada goose	Kanadagans	Bernache du Canada
<i>Spatula clypeata</i>	northern shoveler	Löffelente	Canard souchet
<i>Mareca strepera</i>	gadwall	Schnatterente	Canard chipeau
<i>Anas platyrhynchos</i>	mallard	Stockente	Canard colvert
<i>Aythya collaris</i>	ring-necked duck	Ringschnabelente	Fuligule à collier
<i>Histrionicus histrionicus</i>	harlequin duck	Kragenente	Arlequin plongeur
<i>Melanitta perspicillata</i>	surf scoter	Brillenente	Macreuse à front blanc
<i>Melanitta deglandi</i>	white-winged scoter	Höckersamtente	Macreuse à ailes blanches
<i>Clangula hyemalis</i>	long-tailed duck	Eisente	Harelde kakawi
<i>Bucephala islandica</i>	Barrow's goldeneye	Spatelente	Garrot d'Islande
<i>Mergus merganser</i>	common merganser	Gänsesäger	Grand Harle
<i>Columba livia</i>	rock pigeon	Felsentaube	Pigeon biset
<i>Calypte anna</i>	Anna's hummingbird	Annakolibri	Colibri d'Anna
<i>Selasphorus rufus</i>	rufous hummingbird	Rotrücken-Zimtelfe	Colibri roux

Wildlife List — Birds

Scientific Name	English	Deutsch	Français
<i>Pluvialis squatarola</i>	black-bellied plover	Kiebitzregenpfeifer	Pluvier argenté
<i>Limnodromus scolopaceus</i>	long-billed dowitcher	Großer Schlammläufer	Bécassin à long bec
<i>Phalaropus lobatus</i>	red-necked phalarope	Odinshühnchen	Phalarope à bec étroit
<i>Actitis macularius</i>	spotted sandpiper	Drosseluferläufer	Chevalier grivelé
<i>Tringa incana</i>	wandering tattler	Wanderwasserläufer	Chevalier errant
<i>Tringa melanoleuca</i>	greater yellowlegs	Großer Gelbschenkel	Grand Chevalier
<i>Calidris alpina</i>	dunlin	Alpenstrandläufer	Bécasseau variable
<i>Stercorarius parasiticus</i>	parasitic jaeger	Schmarotzerraubmöwe	Labbe parasite
<i>Cerorhinca monocerata</i>	rhinoceros auklet	Nashornalk	Macareux rhinocéros
<i>Fratercula cirrhata</i>	tufted puffin	Gelbschopflund	Macareux huppé
<i>Brachyramphus brevirostris</i>	Kittlitz's murrelet	Kurzschnabelalk	Guillemot de Kittlitz
<i>Brachyramphus marmoratus</i>	marbled murrelet	Marmelalk	Guillemot marbré
<i>Cephus columba</i>	pigeon guillemot	Taubenteiste	Guillemot colombin
<i>Uria aalge</i>	common murre	Trottellumme	Guillemot marmette
<i>Synthliboramphus antiquus</i>	ancient murrelet	Silberalk	Guillemot à cou blanc

Wildlife List — Birds

Scientific Name	English	Deutsch	Français
<i>Rissa tridactyla</i>	black-legged kittiwake	Dreizehenmöwe	Mouette tridactyle
<i>Chroicocephalus philadelphia</i>	Bonaparte’s gull	Bonapartemöwe	Mouette de Bonaparte
<i>Larus brachyrhynchus</i>	short-billed gull	Kurzschnabel-Sturmmöwe	Goéland à bec court
<i>Larus smithsonianus</i>	herring gull	Kanadamöwe	Goéland hudsonien
<i>Larus glaucescens</i>	glaucous-winged gull	Beringmöwe	Goéland à ailes grises
<i>Sterna paradisaea</i>	Arctic tern	Küstenseeschwalbe	Sterne arctique
<i>Gavia stellata</i>	red-throated loon	Sterntaucher	Plongeon catmarin
<i>Gavia pacifica</i>	Pacific loon	Pazifiktaucher	Plongeon du Pacifique
<i>Gavia immer</i>	common loon	Eistaucher	Plongeon huard
<i>Phoebastria nigripes</i>	black-footed albatross	Schwarzfußalbatros	Albatros à pieds noirs
<i>Oceanodroma furcata</i>	fork-tailed storm petrel	Gabelschwanz-Wellenläufer	Océanite à queue fourchue
<i>Fulmarus glacialis</i>	northern fulmar	Eissturmvogel	Fulmar boréal
<i>Ardenna grisea</i>	sooty shearwater	Dunkler Sturmtaucher	Puffin fuligineux
<i>Puffinus puffinus</i>	Manx shearwater	Atlantiksturmtaucher	Puffin des Anglais
<i>Phalacrocorax pelagicus</i>	pelagic cormorant	Meerscharbe	Cormoran pélagique
<i>Nannopterum auritus</i>	double-crested cormorant	Ohrenscharbe	Cormoran à aigrettes
<i>Ardea herodias</i>	great blue heron	Kanadareihher	Grand Héron

Wildlife List — Birds

Scientific Name	English	Deutsch	Français
<i>Haliaeetus leucocephalus</i>	bald eagle	Weißkopf-Seeadler	Pygargue à tête blanche
<i>Sphyrapicus ruber</i>	red-breasted sapsucker	Feuerkopf-Saftlecker	Pic à poitrine rouge
<i>Contopus cooperi</i>	olive-sided flycatcher	Fichtentyrann	Pioui de l'Ouest
<i>Cyanocitta stelleri</i>	Steller's jay	Diademhäher	Geai de Steller
<i>Pica hudsonia</i>	black-billed magpie	Hudsonelster	Pie d'Amérique
<i>Corvus brachyrhynchos</i>	American crow	Amerikakrähe	Corneille d'Amérique
<i>Corvus corax</i>	common raven	Kolkrabe	Grand Corbeau
<i>Poecile rufescens</i>	chestnut-backed chickadee	Rotrückenmeise	Mésange à dos marron
<i>Tachycineta bicolor</i>	tree swallow	Sumpfschwalbe	Hirondelle bicolore
<i>Tachycineta thalassina</i>	violet-green swallow	Veilchenschwalbe	Hirondelle à face blanche
<i>Hirundo rustica</i>	barn swallow	Rauchschwalbe	Hirondelle rustique
<i>Corthylio calendula</i>	ruby-crowned kinglet	Rubingoldhähnchen	Roitelet à couronne rubis
<i>Certhia americana</i>	brown creeper	Amerikabaumläufer	Grimpereau brun
<i>Ixoreus naevius</i>	varied thrush	Halsbanddrossel	Grive à collier
<i>Catharus ustulatus</i>	Swainson's thrush	Zwergmusendrossel	Grive à dos roussâtre
<i>Catharus guttatus</i>	hermit thrush	Einsiedler-Musendrossel	Grive solitaire
<i>Turdus migratorius</i>	American robin	Wanderdrossel	Merle d'Amérique

Wildlife List — Birds

Scientific Name	English	Deutsch	Français
<i>Spinus pinus</i>	pine siskin	Fichtenzeisig	Tarin des pins
<i>Passerella iliaca</i>	fox sparrow	Fuchsammer	Bruant fauve
<i>Junco hyemalis</i>	dark-eyed junco	Winterammer	Junco ardoisé
<i>Zonotrichia leucophrys</i>	white-crowned sparrow	Dachsammer	Bruant à couronne blanche
<i>Melospiza melodia</i>	song sparrow	Singammer	Bruant chanteur
<i>Leiothlypis celata</i>	orange-crowned warbler	Orangefleck-Waldsänger	Paruline verdâtre
<i>Setophaga coronata</i>	yellow-rumped warbler	Kronenwaldsänger	Paruline à croupion jaune
<i>Setophaga townsendi</i>	Townsend’s warbler	Townsendwaldsänger	Paruline de Townsend
<i>Cardellina pusilla</i>	Wilson’s warbler	Mönchswaldsänger	Paruline à calotte noire

Wildlife List — Marine Mammals



Wildlife List – Marine Mammals



Scientific Name	English	Deutsch	Français	Norsk
<i>Balaenoptera physalus</i>	fin whale	Finnwal	Rorqual commun	Finhval
<i>Megaptera novaeangliae</i>	humpback whale	Buckelwal	Baleine à bosse	Knølhval
<i>Balaenoptera acutorostrata</i>	common minke whale	Zwergwal	Rorqual à museau pointu	Vågehval
<i>Orcinus orca</i>	killer whale, orca	Schwertwal, Orka	Orque	Spekkhogger
<i>Phocoena phocoena</i>	harbor porpoise	Schweinswal	Marsouin commun	Nise
<i>Lagenorhynchus obliquidens</i>	Pacific white-sided dolphin	Pazifischer Weißseitendelfin	Lagénorhynque à flancs blancs du Pacifique	Kortsnutedelfin
<i>Phocoenoides dalli</i>	Dall's porpoise, dall porpoise	Weißflankenschweinswal	Marsouin de Dall	Dalls nise
<i>Eumetopias jubatus</i>	Steller sea lion	Stellerscher Seelöwe	Lion de mer de Steller	Hvalross
<i>Callorhinus ursinus</i>	northern fur seal	Nördliche Seebär	Otarie à fourrure du Nord	
<i>Phoca vitulina</i>	harbour seal	Seehund	Phoque commun	Steinkobbe
<i>Enhydra lutris</i>	sea otter	Meerotter	Loutre de mer	Havoter

Wildlife List — Land Mammals



Wildlife List – Land Mammals



Scientific Name	English	Deutsch	Français	Norsk
<i>Alces alces gigas</i>	Alaskan moose	Elch	Élan	Elk
<i>Ursus americanus</i>	American black bear	Amerikanischer Schwarzbär	Ours noir	Amerikansk svartbjørn
<i>Lontra canadensis</i>	North American river otter	Nord-amerikanischer Fischotter	Loutre de rivière	
<i>Tamiasciurus hudsonicus</i>	American red squirrel	Gemeines Rothörnchen	Écureuil roux américain	Amerikansk ekorn
<i>Oreamnos americanus</i>	mountain goat	Schneeziege	Chèvre des Montagnes Rocheuses	Snøgeit
<i>Neogale vison</i>	mink	Nerz	Vison	
<i>Canis latrans</i>	coyote	Kojote	Coyote	Prærieulv
<i>Odocoileus hemionus</i>	Sitka/black-tailed deer	Maultierhirsch	Cerf à queue noire	Mulhjort

THX

Thanks for your participation!

