

THE

WY



Science & Education Report

MS Roald Amundsen

07 – 21 October
2024

South America –
Treasures of the Pacific Coast



History & Culture

Through Panama, Peru, and Chile, we encountered a diversity of peoples, cultures, and histories. The human timeline of this region began thousands of years ago, but we can still witness traditional practices and languages from these ancient times in use today. In addition, we can see the evidence of the Spanish colonial period in architecture, food, and of course, language.

A highlight of our trip was crossing the Panama Canal. We learned about the trials and triumphs of its construction and the lasting impacts it has had. We discussed the long histories of Chile and Peru, and were introduced to some of their most famous cultures, including the Inca, the largest empire in the pre-Colombian Americas, and the Chinchorro, who left behind the oldest human mummies on Earth. We also witnessed the mysterious Nazca lines, whose purpose is still unknown, and visited the salpetre mining towns of Santa Laura and Humberstone. And in every port, we were able to experience the vibrant culture of the people who live in this region today!



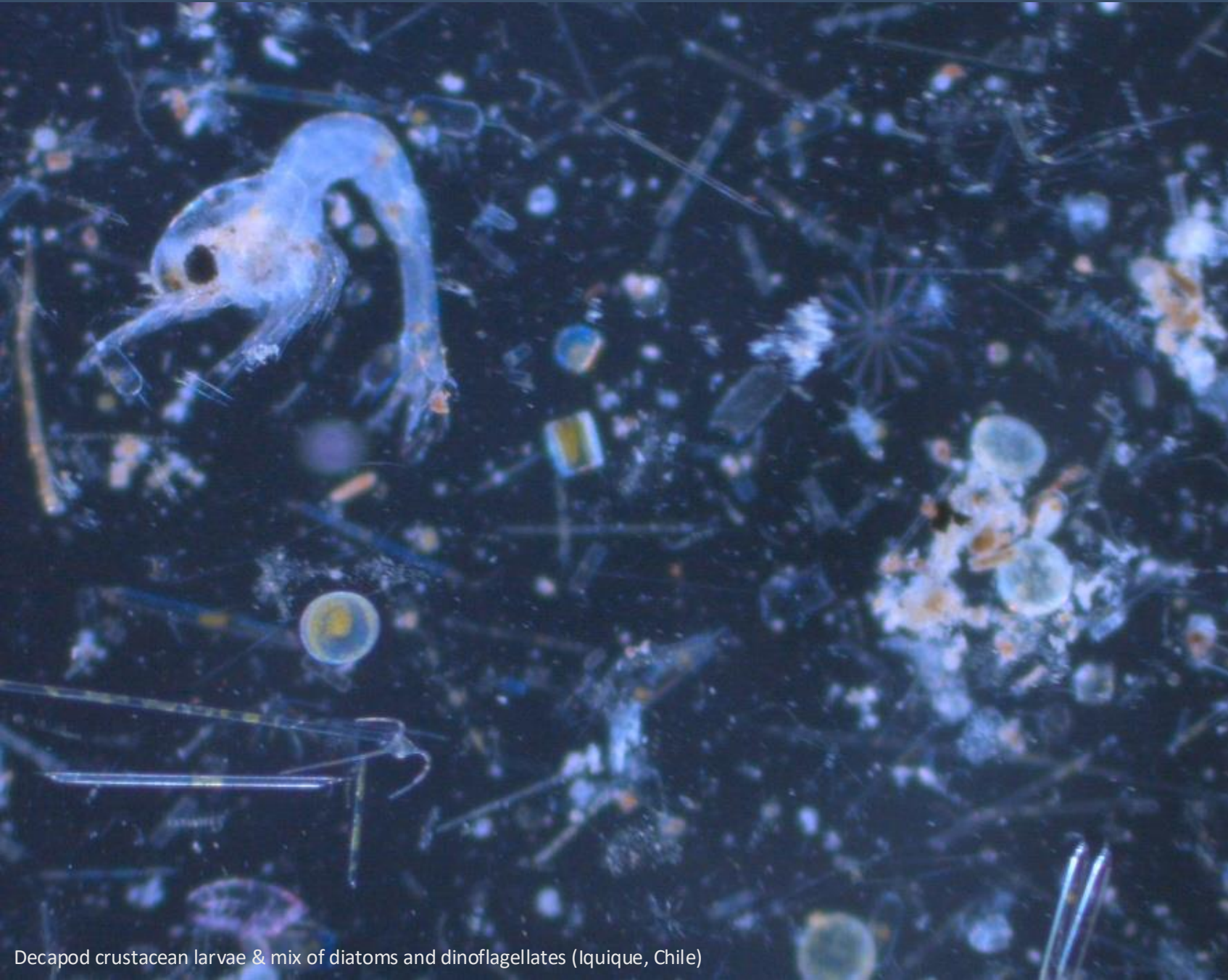


Science & Education Program

Our onboard naturalists guided our guests through our expedition. We used scientific tools to investigate the world around us and saw many interesting fauna, flora, and phenomena!

We used science to observe and explore the places we visited both off and on the ship. From joining guided beach walks to dissecting a shark, guests participated in activities and workshops that gave us a deeper understanding and appreciation for the natural world around us.

On the next pages you can find some highlights of our onboard Science Program as well as our Citizen Science Program.

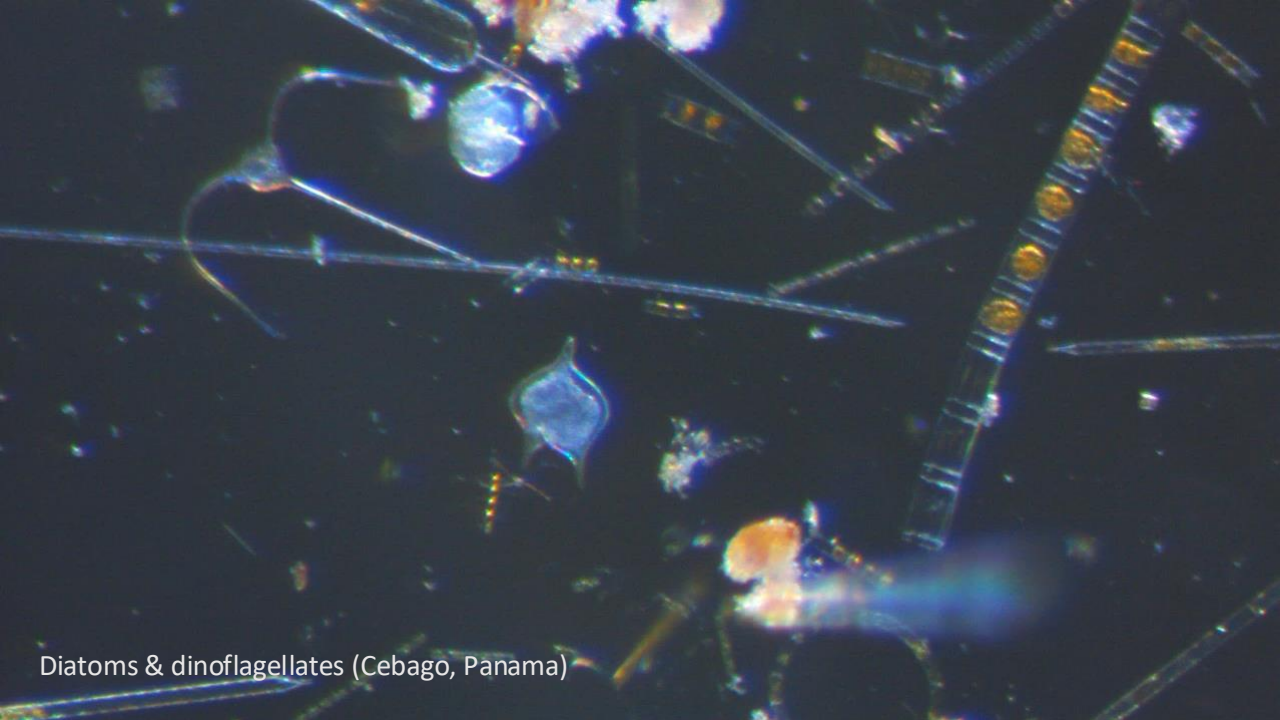


Plankton Samples

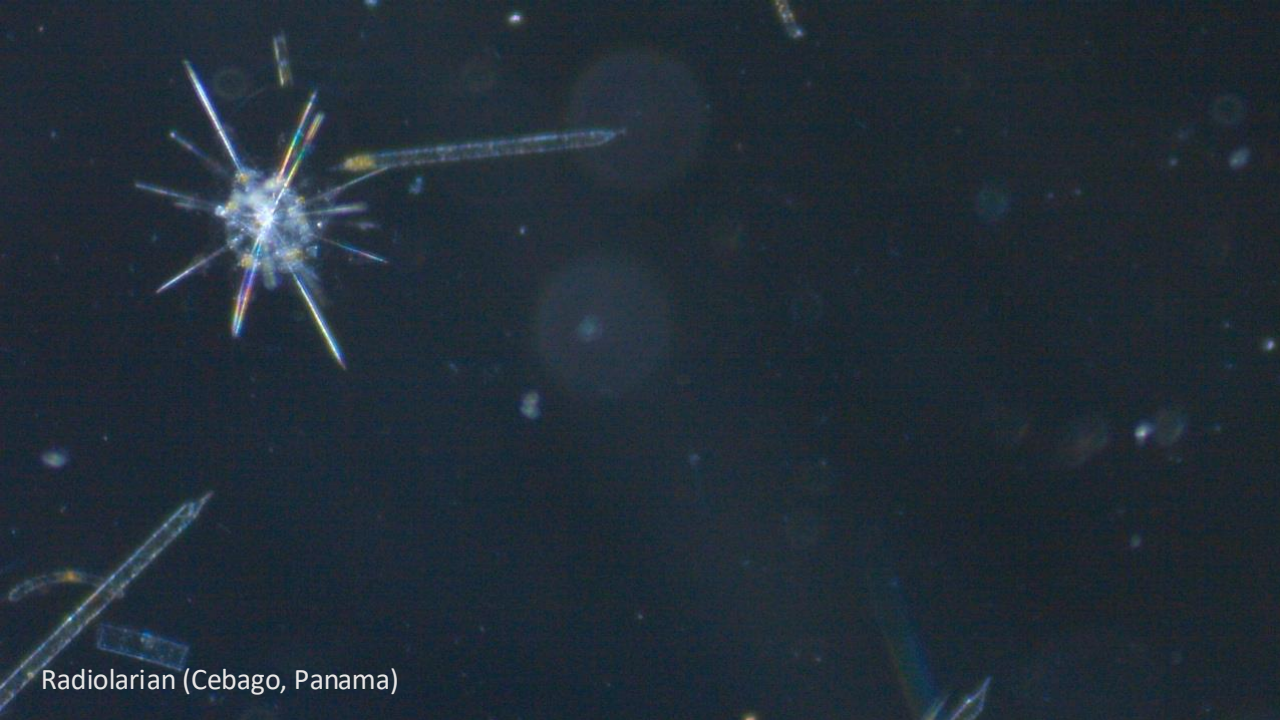
We had the opportunity to collect water samples throughout our trip and explore the marine microscopic world in our Science Center. We collected samples from

- Cebaco, Panama
- Mancora, Peru
- Iquique, Chile

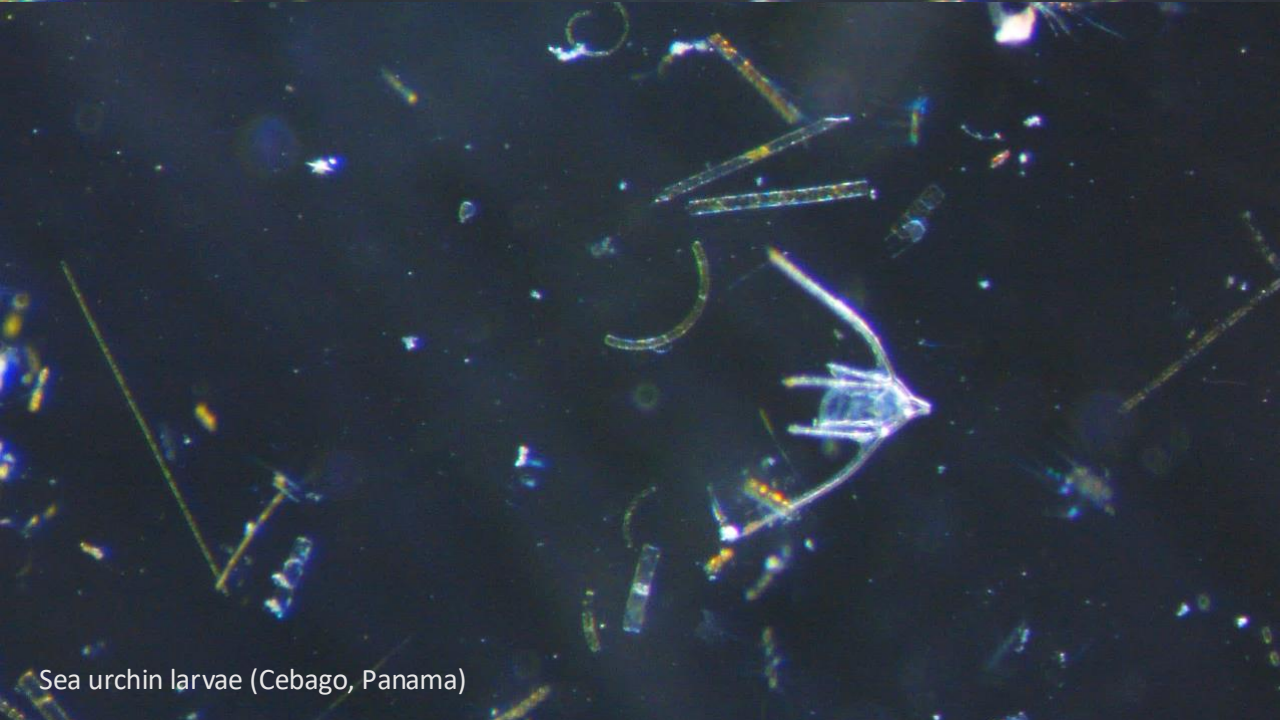
In all of our samples, we were impressed with the diversity and abundance of plankton present-- especially the small animals known as zooplankton! Here are some of the amazing creatures we found!



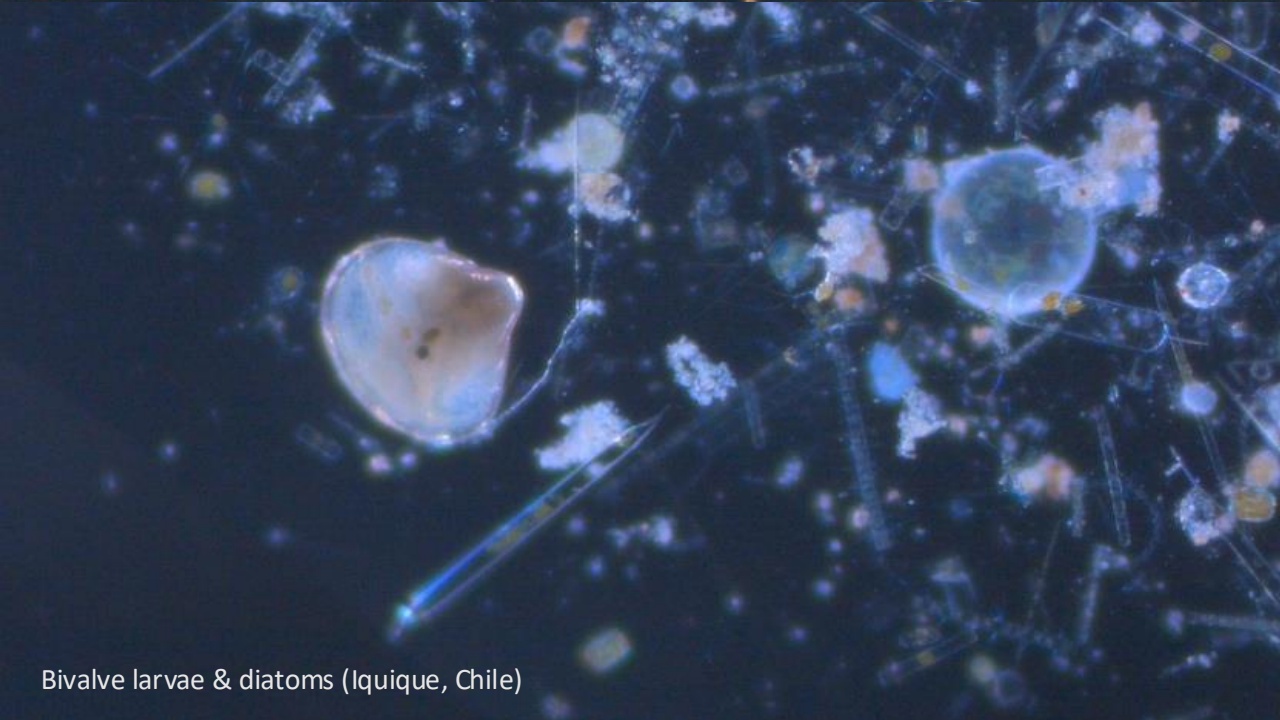
Diatoms & dinoflagellates (Cebago, Panama)



Radiolarian (Cebago, Panama)



Sea urchin larvae (Cebago, Panama)



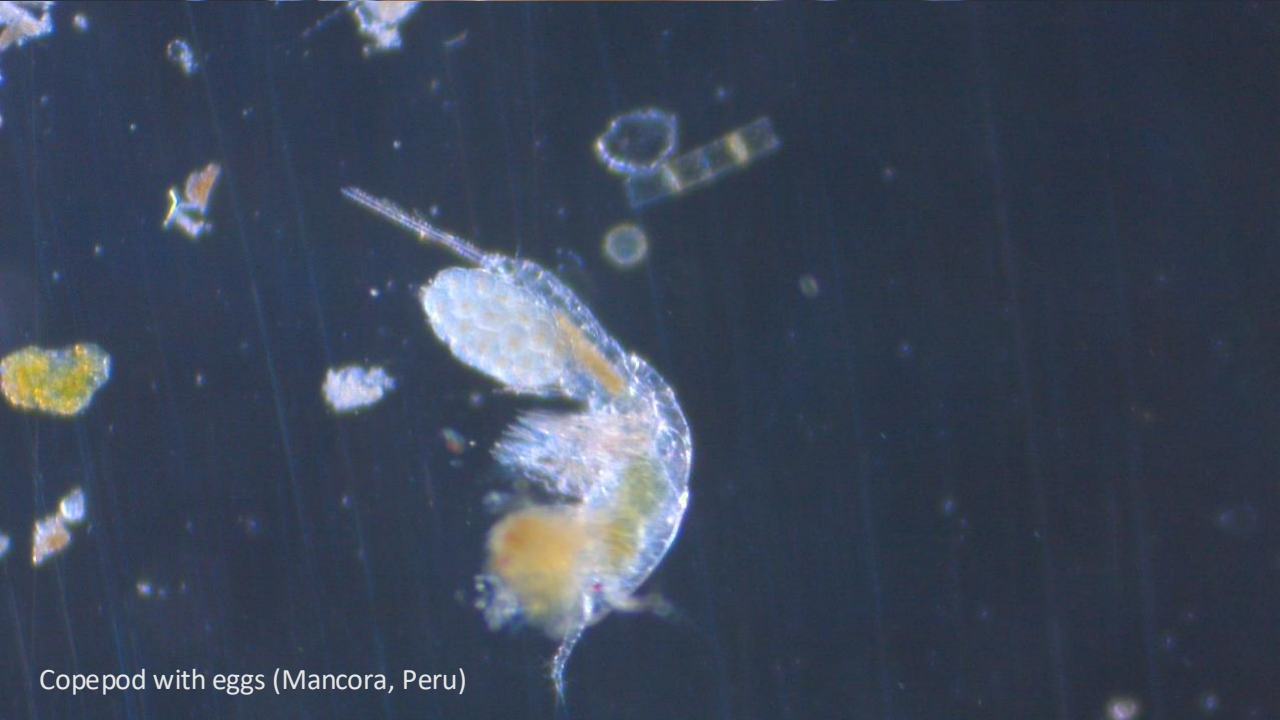
Bivalve larvae & diatoms (Iquique, Chile)



Ostracod & Radiolarian (Mancora, Peru)



Hydrozoan larvae (Mancora, Peru)



Copepod with eggs (Mancora, Peru)



Water flea (Mancora, Peru)

NASA Cloud Observer

Our NASA citizen scientists submitted 9 observations to the global database run by NASA. Our observations were matched to data from weather satellites orbiting above and will be used to better understand global weather phenomena.

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

CLOUD ID GUIDE

Cloud level	Cloud type	Altitude (m)	What to look for?
Low level	Stratus (St): Low, featureless layer cloud	500	Can shroud tops of buildings/trees, fog when at ground level
	Stratocumulus (Sc): Low layer typically irregular clumps	300-1,400	Well defined clumpy base, or varied white gray tones
	Cumulus (Cu): Low, separated "cotton Wool"- clumps	300-1,500	Cauliflower tops, flattish base or varied white gray tones
	Cumulonimbus (Cb): Huge Storm Cloud, often anvil shaped	600-13,000	Showers from dark base, crisp edges. From when seen top, if visible, has soft base
Mid level	Nimbostratus (Ns): Thick gray layer, with steady Precipitation	0-3,000	Dark featureless overcast. Possible with darker shades
	Altostratus (As): Mid level featureless overcast layer	2,000-5,000	Dull gray covers the sun looks as if through glass
	Alto cumulus (Ac): Mid Level or patch of clumps and rolls	2,000-6,000	Cloud-lets are 1-3 shaded on side and top
High level	Cirrostratus (Cs): Low, featureless layer cloud	5,000-9,000	Subtle milky wash of sunlight casts shadows
	Cirrocumulus (Cc): Low, featureless layer cloud	7,500-10,500	Cloud elements are no larger than 1 degree
	Cirrus (Ci): High feathery streaks of ice crystals	6,000-12,000	Wavy hair-like clumps or streaks

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



ALTOCUMULUS



HIGH CIRRUS



CIRROSTRATUS



ALTOCUMULUS



CIRROCUMULUS



STRATOCUMULUS

NASA Cloud Observer

Here are some of examples of frequently observed clouds. All of the photographs were taken during our trip!

iNaturalist

Our Onboard Naturalists and our guests used the citizen science app iNaturalist to record the flora and fauna seen on our journey. Our observations are available to be used in scientific research around the world.

In total we recorded:

- 330 Species
- 1425 Observations

...and counting, as more of our observations are identified by the community of experts on iNaturalist!

This expedition was extra special as we achieved the highest amount of iNaturalist observations ever recorded in the history of HX!

View our data submitted on our iNaturalist project here:

[2024 Oct 07-21: MS Roald Amundsen - Colon to Valparaiso: Treasures of the Pacific Coast](#)





eBird

Our onboard ornithologists were constantly surveying the birdlife we encountered along our route. Including surveys during 12 formal Wildlife Watches, we recorded 175 species across 105 eBird checklists. Through the eBird platform, the data we collected is available for scientists around the world.

View our data for this trip here:

[Colon - Valparaiso on the Amundsen, 7 - 21
Oct 2024](#)

Happywhale

We encountered 9 species of whales and dolphins during our time along the South American coast. We submitted 2 pictures of humpback whale flukes and received matches for both during the course of our cruise.

You can submit photos of individuals from this trip – especially the flukes of humpback whales– to Happywhale to add to their catalogue of identified whales across the world. Every photo uploaded is a valuable contribution to science!

View the MS Roald Amundsen's submissions to Happywhale during our voyage:

<https://happywhale.com/user/11890;svy=120588>



Wildlife List – Mammals & Reptiles



Wildlife List – Mammals and Reptiles



SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	NORSK
<i>Balaenoptera physalus</i>	Fin whale	Finnwal	Rorqual commun	Finnhval
<i>Megaptera novaeangliae</i>	Humpback whale	Buckelwal	Baleine à bosse	Knølhval
<i>Physeter macrocephalus</i>	Sperm whale, cachalot	Pottwal	Cachalot	Spermhval
<i>Ziphiidae</i>	Unidentified beaked whale	Schnabelwal (unbestimmt)	Baleine à bec (non identifiée)	Nebbhval (ikke identifisert)
<i>Tursiops truncatus</i>	Bottlenose dolphin	Großer Tümmler	Grand dauphin	Tumler
<i>Delphinus delphis</i>	Common dolphin	Gemeiner Delfin	Dauphin commun à bec court	Gulflankedelfin
<i>Stenella attenuata</i>	Pantropical spotted dolphin	Zügeldelfin	Dauphin tacheté pantropical	Hvitflekkdelfin
<i>Sagmatias obscurus</i>	Dusky dolphin	Schwarzdelfin	Dauphin obscur	Mørkdelfin
<i>Arctocephalus australis</i>	South American fur seal	Südamerikanische Seebär	Otarie à fourrure austral	Søramerikansk pelssel
<i>Otaria byronia</i>	South American sea lion	Sudamerikanisher seelowe	Lion de mer d'amerique du sud	Søramerikansk sjøløve
<i>Chelonia midas</i>	Green sea turtle	Grüne Meeresschildkröte	Tortue Verte	Grønn havskilpadde
<i>Hydrochoerus isthmius</i>	Lesser capybara	Panama-Capybara	Cabiaï de Panama	Småflodsvin
<i>Odocoileus virginianus</i>	White-tailed deer	Weisswedelhirsch	Cerf de Virginie	Hvithalehjort
<i>Crocodylus acutus</i>	American crocodile	Spitzkrokodil	Crocodile américain	Spisskrokodille

Wildlife List - Birds



Wildlife List – Birds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	NORSK
<i>Dendrocygna autumnalis</i>	Black-bellied Whistling Duck	Rotschnabel-Pfeifgans	Dendrocygne à ventre noir	Rødnebbplystreand
<i>Spatula cyanoptera</i>	Cinnamon Teal	Zimtente	Sarcelle cannelle	Kaneland
<i>Anas flavirostris</i>	Yellow-billed Teal	Südandenente	Sarcelle tachetée	Gulnebbkrikkand
<i>Ortalis cinereiceps</i>	Gray-headed Chachalaca	Graukopfguan	Ortalide à tête grise	gråhodehokko
<i>Columba livia</i>	Rock Pigeon	Felsentaube	Pigeon biset	Klippedue (Bydue)
<i>Patagioenas cayennensis</i>	Pale-vented Pigeon	Rotrückentaube	Pigeon rousset	Kajennedue
<i>Columbina talpacoti</i>	Ruddy Ground Dove	Rosttäubchen	Colombe rousse	Kaneldue
<i>Columbina cruziana</i>	Croaking Ground Dove	Perutäubchen	Colombe à bec jaune	Kvekkedue
<i>Metriopelia melanoptera</i>	Black-winged Ground Dove	Weißbugtäubchen	Colombe à ailes noires	Andesdue
<i>Leptotila verreauxi</i>	White-tipped Dove	Blauringtaube	Colombe de Verreaux	Krattdue
<i>Zenaida auriculata</i>	Eared Dove	Ohrflecktaube	Tourterelle oreillarde	Øredue
<i>Zenaida meloda</i>	West Peruvian Dove	Perutaube	Tourterelle côtière	Zenaida peruana
<i>Crotophaga sulcirostris</i>	Groove-billed Ani	Riefenschnabelani	Ani à bec cannelé	Furenæbbet Ani
<i>Chordeiles minor</i>	Common Nighthawk	Falkennachtschwalbe	Engoulevent d'Amérique	nordnatthauk
<i>Chaetura brachyura</i>	Short-tailed Swift	Stutzschwanzsegler	Martinet polioure	Korthalseiler
<i>Amazilia tzacatl</i>	Rufous-tailed Hummingbird	Braunschwanzamazilie	Ariane à ventre gris	Rusthalekolibri
<i>Amazilia amazilia</i>	Amazilia Hummingbird	Rostbauchamazilie	Ariane de Lesson	Amaziliakolibri

Wildlife List – Birds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	NORSK
<i>Gallinula galeata</i>	Common Gallinule	Amerikateichhuhn	Gallinule d'Amérique	Amerikasivhøne
<i>Fulica armillata</i>	Red-gartered Coot	Gelbschnabel-Blässhuhn	Foulque à jarretières	Hosebåndsothøne
<i>Fulica rufifrons</i>	Red-fronted Coot	Rotstirn-Blässhuhn	Foulque à front rouge	Rødpannesothøne
<i>Himantopus mexicanus</i>	Black-necked Stilt	Schwarznacken-Stelzenläufer	Échasse d'Amérique	Svartkronestylteløper
<i>Haematopus palliatus</i>	American Oystercatcher	Braunmantel-Austernfischer	Huître d'Amérique	Amerikatjeld
<i>Haematopus ater</i>	Blackish Oystercatcher	Südamerikanischer Austernfischer	Huître noir	Tykknebbsvarttjeld
<i>Charadrius vociferus</i>	Killdeer	Keilschwanz-Regenpfeifer	Pluvier kildir	Tobeltelo
<i>Vanellus chilensis</i>	Southern Lapwing	Bronzekiebitz	Vanneau téro	Bronsevipe
<i>Numenius phaeopus</i>	Whimbrel	Regenbrachvogel	Courlis corlieu	Småspove
<i>Phalaropus tricolor</i>	Wilson's Phalarope	Wilsonwassertreter	Phalarope de Wilson	Hvithalesvømmesnipe
<i>Phalaropus fulicarius</i>	Red Phalarope	Thorshühnchen	Phalarope à bec large	Polarsvømmesnipe
<i>Actitis macularius</i>	Spotted Sandpiper	Drosseluferläufer	Chevalier grivelé	Flekksnipe
<i>Tringa flavipes</i>	Lesser Yellowlegs	Kleiner Gelbschenkel	Petit Chevalier	Gulbeinsnipe
<i>Tringa melanoleuca</i>	Greater Yellowlegs	Großer Gelbschenkel	Grand Chevalier	Plystresnipe
<i>Arenaria interpres</i>	Ruddy Turnstone	Steinwälzer	Tournepierre à collier	Steinvender
<i>Calidris virgata</i>	Surfbird	Gischtläufer	Bécasseau du ressac	Brottsnipe
<i>Calidris alba</i>	Sanderling	Sanderling	Bécasseau sanderling	Sandløper

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<i>Calidris bairdii</i>	Baird's Sandpiper	Bairdstrandläufer	Bécasseau de Baird	Gulbrystsnipe
<i>Stercorarius parasiticus</i>	Parasitic Jaeger	Schmarotzerraubmöwe	Labbe parasite	Tyvjo
<i>Stercorarius pomarinus</i>	Pomarine Jaeger	Spatelraubmöwe	Labbe pomarin	Polarjo
<i>Stercorarius chilensis</i>	Chilean Skua	Chileskua	Labbe du Chili	Kaneljo
<i>Creagrus furcatus</i>	Swallow-tailed Gull	Gabelschwanzmöwe	Mouette à queue fourchue	Svalestjertmåke
<i>Xema sabini</i>	Sabine's Gull	Schwalbenmöwe	Mouette de Sabine	Sabinemåke
<i>Chroicocephalus serranus</i>	Andean Gull	Andenmöwe	Mouette des Andes	Sabinemåke
<i>Chroicocephalus cirrocephalus</i>	Grey-hooded Gull	Graukopfmöwe	Mouette à tête grise	Gråhodemåke
<i>Leucophaeus modestus</i>	Grey Gull	Graumöwe	Goéland gris	Ørkenmåke
<i>Leucophaeus atricilla</i>	Laughing Gull	Aztekenmöwe	Mouette atricille	Lattermåke
<i>Leucophaeus pipixcan</i>	Franklin's Gull	Präriemöwe	Mouette de Franklin	Franklinmåke
<i>Larus belcheri</i>	Belcher's Gull	Schwanzbandmöwe	Goéland siméon	Skarvmåke
<i>Larus dominicanus</i>	Kelp Gull	Dominikanermöwe	Goéland dominicain	Taremåke
<i>Rynchops niger</i>	Black Skimmer	Amerikanischer Scherenschnabel	Bec-en-ciseaux noir	Amerikasaksenebb
<i>Stemula lorata</i>	Peruvian Tern	Peruseeschwalbe	Sterne du Pérou	Perudvergterne
<i>Gelochelidon nilotica</i>	Gull-billed Tern	Lachseeschwalbe	Sterne hansel	Sandterne
<i>Larosterna inca</i>	Inca Tern	Inkaseeschwalbe	Sterne inca	Inkaterne

Wildlife List – Birds

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<i>Chlidonias niger</i>	Black Tern	Trauerseeschwalbe	Guifette noire	Svartterne
<i>Sterna paradisaea</i>	Arctic Tern	Küstenseeschwalbe	Sterne arctique	Rødnebbterne
<i>Sterna hirundinacea</i>	South American Tern	Falklandseeschwalbe	Sterne hirundinacée	Svaleterne
<i>Sterna hirundo</i>	Common Tern	Flusseeschwalbe	Sterne pierregarin	Makrellterne
<i>Thalasseus elegans</i>	Elegant Tern	Schmuckseeschwalbe	Sterne élégante	Langnebbterne
<i>Thalasseus maximus</i>	Royal Tern	Königsseeschwalbe	Sterne royale	Kongeterne
<i>Phaethon aethereus</i>	Red-billed Tropicbird	Rotschnabel-Tropikvogel	Phaéton à bec rouge	Rødnebbtropikkfugl
<i>Spheniscus humboldti</i>	Humboldt Penguin	Humboldtpinguin	Manchot de Humboldt	Humboldtpingvin
<i>Phoebastria irrorata</i>	Waved Albatross	Galapagosalbatros	Albatros des Galapagos	Galapagosalbatross
<i>Thalassarche melanophris</i>	Black-browed Albatross	Schwarzbrauenalbatros	Albatros à sourcils noirs	Svartbrynalbatross
<i>Thalassarche bulleri</i>	Buller's Albatross	Bulleralbatros	Albatros de Buller	Hvitpannealbatross
<i>Thalassarche salvini</i>	Salvin's Albatross	Salvinalbatros	Albatros de Salvin	Sølvhodealbatross
<i>Oceanites gracilis</i>	Elliot's Storm Petrel	Elliotsturmschwalbe	Océanite d'Elliot	Dansestormsvale
<i>Hydrobates hornbyi</i>	Ringed Storm Petrel	Kragenwellenläufer	Océanite de Hornby	Ringstormsvale
<i>Hydrobates tethys</i>	Wedge-rumped Storm Petrel	Galapagoswellenläufer	Océanite téthys	Dagstormsvale
<i>Hydrobates markhami</i>	Markham's Storm Petrel	Rußwellenläufer	Océanite de Markham	Perustormsvale
<i>Macronectes giganteus</i>	Southern Giant Petrel	Riesensturmvogel	Pétrel géant	Sørkjempepetrell

Wildlife List – Birds

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<i>Macronectes halli</i>	Northern Giant Petrel	Hallsturmvogel	Pétrel de Hall	Nordkjempepetrell
<i>Pterodroma defilippiana</i>	Masatierra Petrel	Juan-Fernandez-Sturmvogel	Pétrel de De Filippi	Masatierrapetrell
<i>Procellaria aequinoctialis</i>	White-chinned Petrel	Weißkinn-Sturmvogel	Puffin à menton blanc	Hvithakepetrell
<i>Ardenna creatopus</i>	Pink-footed Shearwater	Rosafuß-Sturmtaucher	Puffin à pieds roses	Chilelire
<i>Ardenna grisea</i>	Sooty Shearwater	Dunkler Sturmtaucher	Puffin fuligineux	Grålire
<i>Puffinus puffinus</i>	Manx Shearwater	Atlantiksturmtaucher	Puffin des Anglais	Havlire
<i>Pelecanoides garnotii</i>	Peruvian Diving Petrel	Garnot-Lummensturmvogel	Puffinure de Garnot	Humboldttdykkpetrell
<i>Fregata magnificens</i>	Magnificent Frigatebird	Prachtfregattvogel	Frégate superbe	Praktfregattfugl
<i>Sula sula</i>	Red-footed Booby	Rotfußtölpel	Fou à pieds rouges	Rødfotsule
<i>Sula leucogaster</i>	Brown Booby	Weißbauchtölpel	Fou brun	Brunsole
<i>Sula dactylatra</i>	Masked Booby	Maskentölpel	Fou masqué	Maskesule
<i>Sula granti</i>	Nazca Booby	Nazcatölpel	Fou de Grant	Nazcasula
<i>Sula nebouxii</i>	Blue-footed Booby	Blaufußtölpel	Fou à pieds bleus	Blåfotsule
<i>Sula variegata</i>	Peruvian Booby	Guanotölpel	Fou varié	Humboldtsule
<i>Anhinga anhinga</i>	Anhinga	Amerikanischer Schlangenhalsvogel	Anhinga d'Amérique	Amerikaslangehals
<i>Nannopterum brasilianum</i>	Neotropic Cormorant	Olivenscharbe	Cormoran vigua	Flodskarv
<i>Phalacrocorax gaimardi</i>	Red-legged Cormorant	Buntscharbe	Cormoran de Gaimard	Rødfotskarv

Wildlife List – Birds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	NORSK
<i>Leucocarbo bougainvillii</i>	Guanay Cormorant	Guanoscharbe	Cormoran des Bougainville	Guanoskarv
<i>Pelecanus occidentalis</i>	Brown Pelican	Braunpelikan	Pélican brun	Brunpelikan
<i>Pelecanus thagus</i>	Peruvian Pelican	Chilepelikan	Pélican thage	Humboldtpelikan
<i>Tigrisoma mexicanum</i>	Bare-throated Tiger Heron	Nacktkehlreiher	Onoré du Mexique	Gråkinntigerhegre
<i>Nycticorax nycticorax</i>	Black-crowned Night Heron	Nachtreiher	Bihoreau gris	Natthege
<i>Egretta caerulea</i>	Little Blue Heron	Blaureiher	Aigrette bleue	Blåhegre
<i>Egretta thula</i>	Snowy Egret	Schmuckreiher	Aigrette neigeuse	Snøhegre
<i>Bubulcus ibis</i>	Western Cattle Egret	Kuhreiher	Héron garde-boeufs	Kuhegre
<i>Ardea alba</i>	Great Egret	Silberreiher	Grande Aigrette	Egrettthege
<i>Ardea cocoi</i>	Cocoi Heron	Cocoiereiher	Héron cocoi	Cocoihegre
<i>Plegadis ridgwayi</i>	Puna Ibis	Punasichler	Ibis de Ridgway	punaibis
<i>Coragyps atratus</i>	Black Vulture	Rabengeier	Urubu noir	Svartkondor
<i>Cathartes aura</i>	Turkey Vulture	Truthahngeier	Urubu à tête rouge	Kalkunkondor
<i>Pandion haliaetus</i>	Osprey	Fischadler	Balbusard pêcheur	Fiskeørn
<i>Chondrohierax uncinatus</i>	Hook-billed Kite	Langschnabelweih	Bec-en-croc de Temminck	kroknebbglente
<i>Ictinia mississippiensis</i>	Mississippi Kite	Mississippibussard	Milan du Mississippi	mississippiglente
<i>Geranoaetus polyosoma</i>	Variable Hawk	Rotrückenbussard	Buse tricolore	Andesvåk

Wildlife List – Birds

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<i>Buteo platypterus</i>	Broad-winged Hawk	Breitflügelbussard	Petite Buse	Bredvingevåk
<i>Megaceryle torquata</i>	Ringed Kingfisher	Rotbrustfischer	Martin-pêcheur à ventre roux	Ringisfugl
<i>Ramphastos sulfuratus</i>	Keel-billed Toucan	Fischertukan	Toucan à carène	regnbuetukan
<i>Dryocopus lineatus</i>	Lineated Woodpecker	Linienspecht	Pic ouentou	Stripesvartspett
<i>Milvago chimachima</i>	Yellow-headed Caracara	Gelbkopfkarakara	Caracara à tête jaune	Kremkarakara
<i>Milvago chimango</i>	Chimango Caracara	Chimangokarakara	Caracara chimango	Brunkarakara
<i>Falco sparverius</i>	American Kestrel	Bunfalke	Crécerelle d'Amérique	Spurvefalk
<i>Falco columbarius</i>	Merlin	Merlin	Faucon émerillon	Dvergfalk
<i>Falco ruficularis</i>	Bat Falcon	Fledermausfalke	Faucon des chauves-souris	flaggermusfalk
<i>Falco peregrinus</i>	Peregrine Falcon	Wanderfalke	Faucon pèlerin	Vandrefalk
<i>Brotogeris jugularis</i>	Orange-chinned Parakeet	Tovisittich	Toui à menton d'or	Brunvingeparakitt
<i>Geositta peruviana</i>	Coastal Miner	Küstenerdhacker	Géositte du Pérou	Kysttunnelfugl
<i>Cinclodes taczanowskii</i>	Surf Cinclodes	Felsuferwipper	Cinclode de Taczanowski	brotbergkall
<i>Synallaxis stictothorax</i>	Necklaced Spinetail	Strichelbrust-Dickichtschrüpf	Synallaxe à collier	flekkbryststifthale
<i>Camptostoma obsoletum</i>	Southern Beardless Tyrannulet	Haubekleintyrann	Tyranneau passegris	Sørglattyranulett
<i>Lessonia rufa</i>	Austral Negrito	Patagoniensporntyrann	Lessonie noire	Patagonianegrito
<i>Contopus sordidulus</i>	Western Wood-Pewee	Blasskehl-Schnäppertyrann	Pioui de l'Ouest	vestpivi

Wildlife List – Birds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	NORSK
<i>Empidonax trailli</i>	Willow Flycatcher	Weidenschnäppertyrann	Moucherolle des saules	vierempid
<i>Sublegatus arenarum</i>	Northern Scrub-Flycatcher	Karibikstrauchtyrann	Moucherolle des palétuviers	nordkrattyrann
<i>Muscigralla brevicauda</i>	Short-tailed Field Tyrant	Stummelschwanztyrann	Moucherolle à queue courte	korthaletyrann
<i>Pitangus sulphuratus</i>	Great Kiskadee	Schwefelmaskentyrann	Tyrann quiquivi	Storkiskadi
<i>Tyrannus melancholicus</i>	Tropical Kingbird	Trauerkönigstyran	Tyrann mélancolique	Tropekongetyrann
<i>Riparia riparia</i>	Bank Swallow	Uferschwalbe	Hirondelle de rivage	Sandsvale
<i>Tachycineta leucopyga</i>	Chilean Swallow	Chileschwalbe	Hirondelle du Chili	Patagoniasvale
<i>Progne chalybea</i>	Grey-breasted Martin	Graubrustschwalbe	Hirondelle chalybée	Gråbrystsvale
<i>Stelgidopteryx ruficollis</i>	Southern Rough-winged Swallow	Zimtkehlschwalbe	Hirondelle à gorge rousse	Sørtaggsvale
<i>Pygochelidon cyanoleuca</i>	Blue-and-white Swallow	Schwarzsteiðschwalbe	Hirondelle bleu et blanc	Cyansvale
<i>Hirundo rustica</i>	Barn Swallow	Rauchschwalbe	Hirondelle rustique	Låvesvale
<i>Petrochelidon pyrrhonota</i>	Cliff Swallow	Fahlstirnschwalbe	Hirondelle à front blanc	Mursvale
<i>Polioptila bilineata</i>	White-browed Gnatcatcher	Weißbrauen-Mückenfänger	Gobemoucheron à sourcils blancs	hvitbrynmyggsmett
<i>Mimus longicaudatus</i>	Long-tailed Mockingbird	Langschwanz-Spottdrossel	Moqueur à longue queue	Langhalespottefugl
<i>Mimus gilvus</i>	Tropical Mockingbird	Tropenspottdrossel	Moqueur des savanes	Tropespottefugl
<i>Passer domesticus</i>	House Sparrow	Haussperling	Moineau domestique	Gråspurv
<i>Rhynchospiza stolzmanni</i>	Tumbes Sparrow	Tumbesammer	Bruant de Tumbes	tumbesspurv

Wildlife List – Birds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	NORSK
<i>Zonotrichia capensis</i>	Rufous-collared Sparrow	Morgenammer	Bruant chingolo	Rustkragespurv
<i>Leistes bellicosus</i>	Peruvian Meadowlark	Weißschenkelstärling	Sturnelle du Pérou	Perulerketrupial
<i>Icterus graceannae</i>	White-edged Oriole	Weißschwingentrupial	Oriole leucoptère	Hvittipptrupial
<i>Icterus galbula</i>	Baltimore Oriole	Baltimoretrupial	Oriole de Baltimore	Lundtrupial
<i>Dives waczewiczi</i>	Scrub Blackbird	Buschstärling	Quiscale buissonnier	Krattrupial
<i>Quiscalus mexicanus</i>	Great-tailed Grackle	Großschwanzgrackel	Quiscale à longue queue	Storhaletrupial
<i>Agelasticus thilius</i>	Yellow-winged Blackbird	Goldschulterstärling	Carouge galonné	Gulvingettrupial
<i>Protonotaria citrea</i>	Prothonotary Warbler	Zitronenwalsänger	Paruline orangée	Plommeparula
<i>Thraupis episcopus</i>	Blue-grey Tanager	Bischofstangare	Tangara évêque	Bispetanagar
<i>Thraupis palmarum</i>	Palm Tanager	Palmentangare	Tangara des palmiers	Palmetanagar
<i>Phrygilus plebejus</i>	Ash-breasted Sierra Finch	Aschbrust-Ammertangare	Haplospize plébéien	Dvergandesspurv
<i>Xenospingus concolor</i>	Slender-billed Finch	Feinschnabel-Grautangare	Xénospingue uniforme	Smalnebbspurv
<i>Sicalis flaveola</i>	Saffron Finch	Safrangilbtangare	Sicale bouton-d'or	Safranspurv
<i>Coereba flaveola</i>	Bananaquit	Zuckervogel	Sucrier à ventre jaune	Banansmett
<i>Tiaris olivaceus</i>	Yellow-faced Grassquit	Goldbrauen-Gimpeltangare	Tiaris grand-chanteur	gulstrupegresspurv
<i>Saltator maximus</i>	Buff-throated Saltator	Buntkehlsaltator	Saltator des grands-bois	brunstrupesaltator



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