



Science & Education Logbook

MS FRIDTJOF NANSEN

In depth
Patagonia &
Chilean Fjords

17th – 31st

October 2025





Science & education program

During this voyage, we helped by collecting data for **5 citizen** science projects in total: eBird, Inaturalist, Orca, Nasa Cloud observer, SecchiDisk project. You were able to enrich your mind with **20 lectures** on different topics from birds to rocks. You also took part in the **16 discovery sessions** we put on.

A lot of you were very interested in the scientific aspect of our voyage and we thank you all for your enthusiasm. Here we provide a resume of our science activities.



Lectures & Discovery sessions

- 20** Lectures
- 16** Discovery sessions
- 5** Citizence science projects
- 2** Science boats



Wildlife Watch

100 Species:
6 Mammals
94 Birds



NASA cloud observer

On this Expedition we conducted 3 Cloud Observation sessions matched to satellite flyovers, submitting 3+ observations.

Thank you to the 20+ Cloud Observers who participated in the program, and remember you can continue to do this at home!

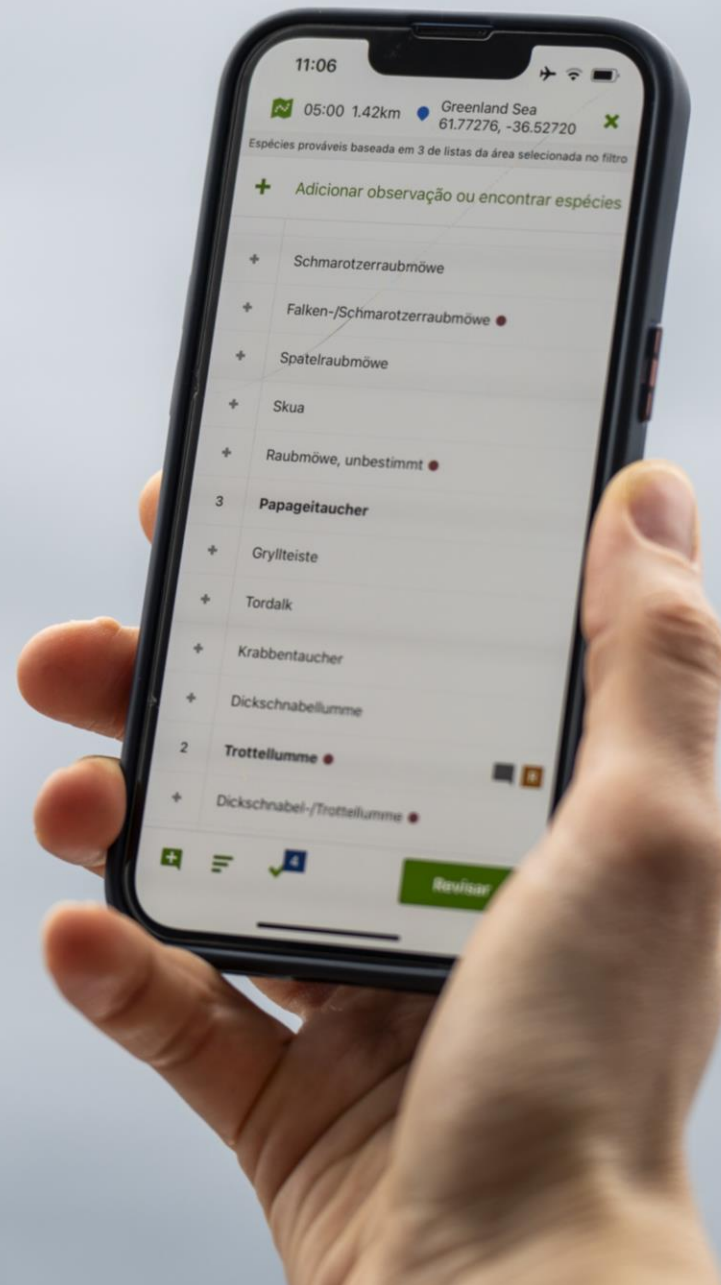


The eBird project

During this voyage, our ornithologists Simon and Julia and guests, did **92 surveys**. At least **86 bird species** were observed.

Find the trip report for the voyage and the checklists here:

<https://ebird.org/tripreport/423766>



Trip Report on eBird



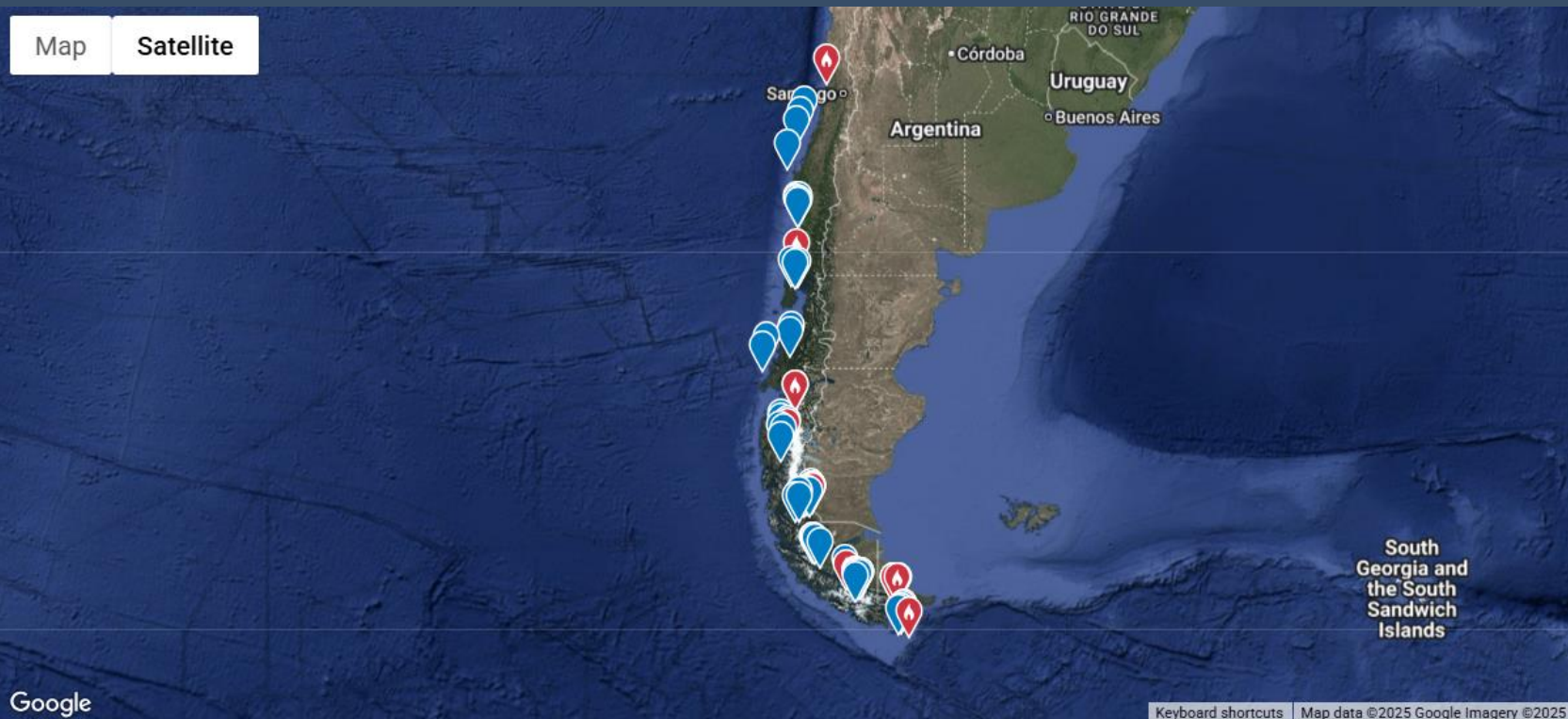
FNSOU2511 # MS Fridtjof Nansen - Chilean Fjords - 17h to 31st of October

17 – 31 Oct 2025 (15 days) Public

[Argentina](#) | [Chile](#) Subregions

[Julia Victoria Grohmann Finger](#), Science Coordinator,
[Simon Delany](#), [Mary Alice HAYWARD](#), [Roy Fabry](#)

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A journey with HX Expeditions through the Chilean Fjords, Cape Horn and the Beagle Channel, on board MS Fridtjof Nansen.

[Edit narrative](#)

DATA FOR: [Group \(all people\)](#)

86
Species Observed
+8 other taxa

92
Checklists

28
Species with Photos

Event in progress



MS Fridtjof Nansen FNSOU2511 Chilean Fjords So...

Oct 17, 2025 - Oct 31, 2025



iNaturalist

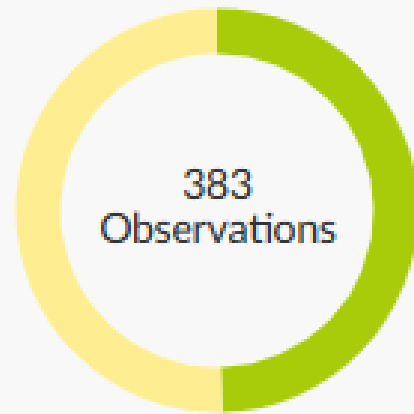
We submitted 384 observations by the end of our trip, identifying 167 species including plants, marine mammals and birds. The most observed species were the Prickly Heath followed by the Patagonian Wild Currant. There is still time to join our project once you are back home and have time to go through your photos. Helping us document the local biodiversity will help the scientists worldwide to monitor the changes in distribution and abundance of the most iconic Patagonian species.

Join our project by searching its code name: MS Fridtjof Nansen FNSOU2511 Chilean Fjords Southbound (17 - 31 Oct 2025)

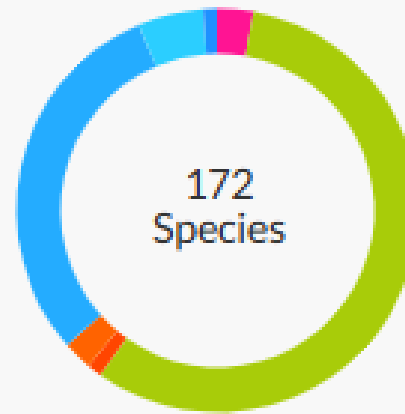
View our data submitted on our [iNaturalist project](#)



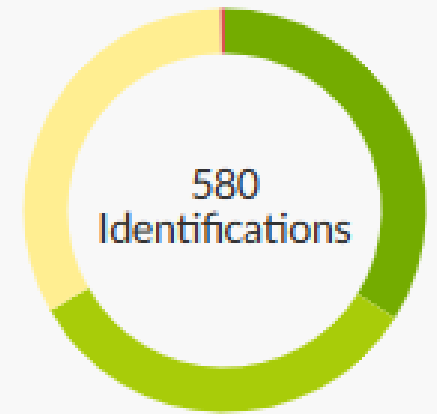
Stats



- Research Grade
- Needs ID
- Casual



- Unknown
- Protozoans
- Fungi
- Plants
- Chromista
- Mollusks
- Insects
- Arachnids
- Ray-Finned F...
- Amphibians
- Reptiles
- Birds
- Mammals
- Other Animals



- Improving
- Supporting
- Leading
- Maverick

Top 10 most frequently observed & uploaded species



10 observations

Prickly Heath · Torfmyrte
Gaultheria mucronata



8 observations

Patagonian Wild Currant
Ribes magellanicum



8 observations

Neotropic Cormorant ·
Olivenscharbe
Nannopterum brasilianum



7 observations

Chimango Caracara ·
Chimangokarakara
Daptrius chimango



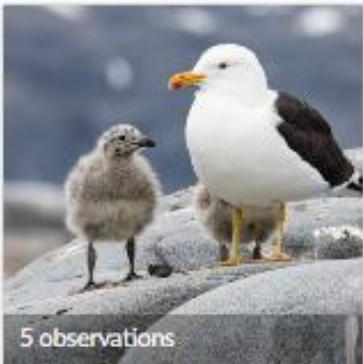
6 observations

Southern Giant Petrel ·
Riesensturmvogel
Macronectes giganteus



6 observations

Calafate · Buchsblättrige
Berberitze
Berberis microphylla



5 observations

Kelp Gull ·
Dominikanermöwe
Larus dominicanus



5 observations

Upland Goose ·
Magellangans
Chloephaga picta



5 observations

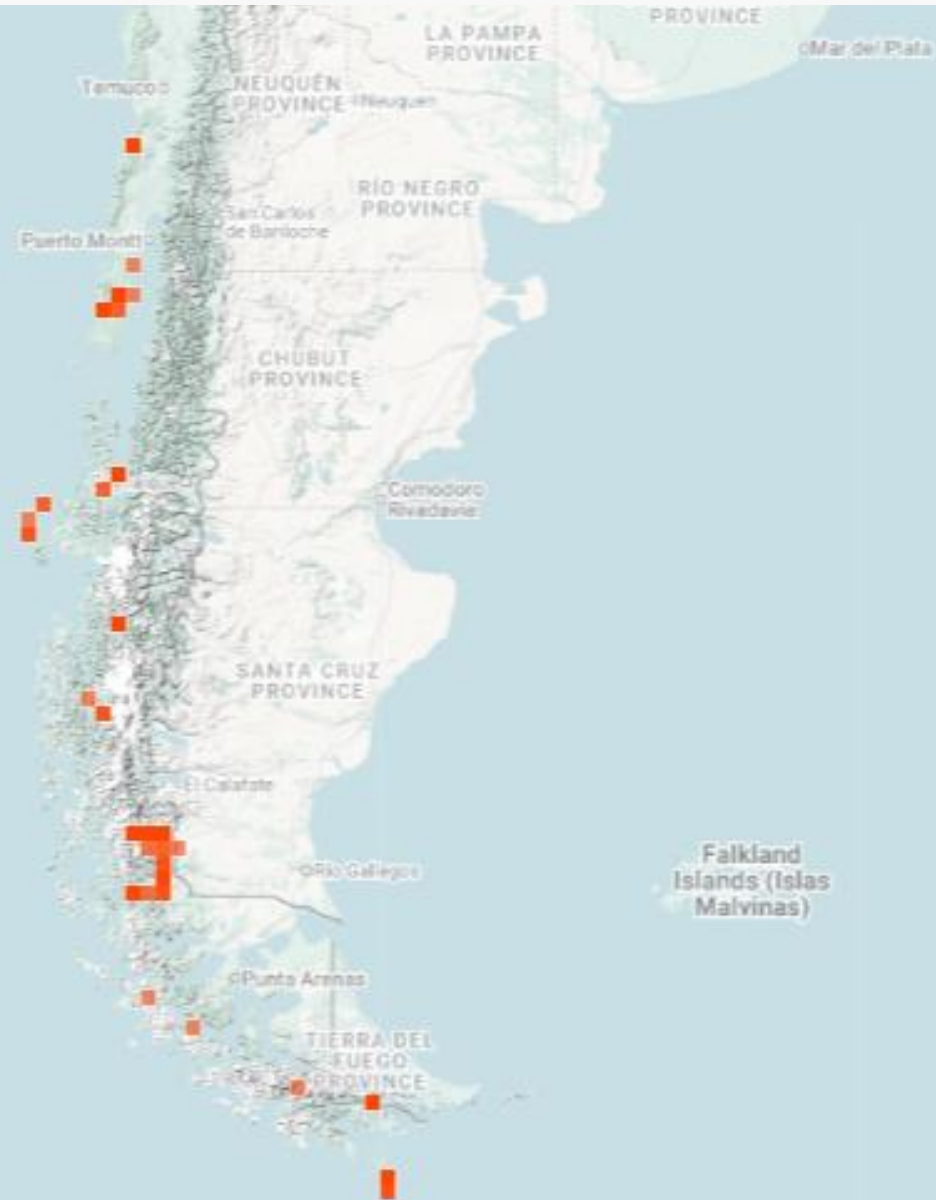
Redstem Stork's-Bill ·
Gewöhnlicher
Reiherschnabel
Erodium cicutarium



5 observations

Chilean Rhubarb ·
Mammutblatt
Gunnera tinctoria

Map of observations





HappyWhale

While this voyage did not yield a high number of whale encounters, our marine scientist Ian and the science team recorded sightings of two dolphin species: **dusky dolphins** (*Lagenorhynchus obscurus*) and **Chilean dolphins** (*Cephalorhynchus eutropia*). These observations contribute valuable data to our understanding of cetacean distribution within the Chilean fjords. Though whale activity was limited, the presence of these coastal dolphin species highlights the rich biodiversity of the region's marine ecosystem.





ORCA Ocean Watchers

Survey

- 8 Surveys Completed
- 9.47 Hours
- 170.928 Nautical Miles

Sightings

- 7 *Cephalorhynchus eutropia*

START SURVEY >



Home



Surveys



Species



About



Settings



Science Boat

We had 1 science boat sessions during this trip in: Puerto Natales. We sampled for different projects. With the secchi disk measurements to document the turbidity/clarity of the water and assess the abundance of phytoplankton. We towed a plankton net of 20 μm mesh size to gather water samples, deployed our CTD sensor to understand the oceanographical parameters of the water (temperature, salinity, chlorophyll a). The whole mission was a success, thank you for participating with us!



[View our data](#) submitted to the Secchi Disk Project

Wildlife List - Birds



Seabirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Spheniscus magellanicus</i>	Magellanic Penguin	Magellanpinguin	Manchot de Magellan	•		•	•	•			•		•	•			•
<i>Sula variegata</i>	Peruvian Booby	Guanotölpel	Fou varié	•		•											
<i>Pelecanus thagus</i>	Peruvian Pelican	Chilepelikan	Pélican thage	•		•	•	•									
<i>Leucocarbo atriceps</i>	Imperial Cormorant	Kaiserscharbe	Cormoran impérial				•	•		•	•	•	•	•	•	•	
<i>Phalacrocorax gaimardi</i>	Red-legged Cormorant	Buntscharbe	Cormoran de Gaimard	•		•	•	•									
<i>Phalacrocorax magellanicus</i>	Rock Cormorant	Felsenscharbe	Cormoran de Magellan					•		•		•			•	•	
<i>Phalacrocorax brasilianus</i>	Neotropic Cormorant	Humboldtscharbe	Cormoran vigua	•		•	•			•	•	•	•		•		
<i>Stercorarius chilensis</i>	Chilean Skua	Chileskua	Labbe du Chili							•	•		•	•	•	•	
<i>Larus dominicanus</i>	Kelp Gull	Dominikanermöwe	Goéland dominicain	•		•	•	•		•	•	•	•	•	•	•	
<i>Leucophaeus scoresbyii</i>	Dolphin Gull	Blutschnabelmöwe	Goéland de Scoresby					•		•	•	•			•	•	
<i>Chroicocephalus maculipennis</i>	Brown-hooded Gull	Patagonienmöwe	Mouette de Patagonie			•	•				•	•					
<i>Sterna hirundinacea</i>	South American Tern	Falklandseeschwalbe	Sterne hirundinacée			•	•	•		•	•		•		•		
<i>Larosterna inca</i>	Inca Tern	Inkaseeschwalbe	Sterne inca	•													

Seabirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Phalaropus fulicarius</i>	Grey (Red) Phalarope	Thorshühnchen	Phalarope à bec large		•			•									
<i>Diomedea sanfordi</i>	Northern Royal Albatross	Schwarzflügelalbatros	Albatros de Sanford		•			•									
<i>Diomedea epomophora</i>	Southern Royal Albatross	Königsalbatros	Albatros royal					•									
<i>Diomedea exulans</i>	Wandering Albatross	Wandalbatros	Albatros hurleur					•									
<i>Thalassarche melanophris</i>	Black-browed Albatross	Schwarzbrauenalbatros	Albatros à sourcils noirs		•	•	•	•		•	•		•	•	•	•	
<i>Thalassarche salvini</i>	Salvin's Albatross	Salvinalbatros	Albatros de Salvin		•			•									
<i>Ardenna creatopus</i>	Pink-footed Shearwater	Rosafuß-Sturmtaucher	Puffin à pieds roses		•			•									
<i>Ardenna grisea</i>	Sooty Shearwater	Dunkelsturmtaucher	Puffin fuligineux		•	•	•	•		•				•		•	
<i>Macronectes giganteus</i>	Southern Giant Petrel	Riesensturmvogel	Pétrel géant		•			•			•	•	•	•	•	•	
<i>Macronectes halli</i>	Northern Giant Petrel	Hallsturmvogel	Pétrel de Hall													•	
<i>Fulmarus glacialis</i>	Southern Fulmar	Silbersturmvogel	Fulmar argenté		•			•			•	•	•	•		•	
<i>Daption capense</i>	Cape Petrel	Kapsturmvogel	Damier du Cap		•			•			•						
<i>Procellaria aequinoctialis</i>	White-chinned Petrel	Weißkinn-Sturmvogel	Puffin à menton blanc		•		•	•						•			

Seabirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Halobalaena caerulea</i>	Blue Petrel	Blausturmvogel	Prion bleu													•	
<i>Pachyptila belcheri</i>	Slender-billed Prion	Dünnschnabel-Sturmvogel	Prion de Belcher		•												
<i>Oceanites oceanicus</i>	Wilson’s Storm Petrel	Buntfuß-Sturmschwalbe	Océanite de Wilson		•			•		•							
<i>Pelecanoides magellani</i>	Magellanic Diving Petrel	Magellan-Lummensturmvogel	Puffinure de Magellan					•			•			•	•		
<i>Pelecanoides sp.</i>	Unidentified Diving Petrel												•				

Waterbirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Podiceps major</i>	Great Grebe	Magellantaucher	Grand Grèbe			•											
<i>Podiceps occipitalis</i>	Silvery Grebe	Silbertaucher	Grèbe aux belles joues														•
<i>Rollandia rolland</i>	White-tufted Grebe	Rollandtaucher	Grèbe de Rolland														•
<i>Nycticorax nycticorax</i>	Black-crowned Night Heron	Nachtreiher	Bihoreau gris														•
<i>Ardea cocoi</i>	Cocoi Heron	Cocoireiher	Héron cocoi						•								
<i>Theristicus melanopis</i>	Black-faced Ibis	Schwarzzügelibis	Ibis à face noire			•	•				•	•	•				•
<i>Phoenicopterus chilensis</i>	Chilean Flamingo	Chileflamingo	Flamant du Chili									•					
<i>Cygnus melancoryphus</i>	Black-necked Swan	Schwarzhalsschwan	Cygne à cou noir			•	•				•	•	•				
<i>Coscoroba coscoroba</i>	Coscoroba Swan	Coscorobaschwan	Coscoroba blanc										•				
<i>Chloephaga hybrida</i>	Kelp Goose	Kelpgans	Ouette marine								•		•	•	•	•	
<i>Chloephaga picta</i>	Upland Goose	Magellangans	Ouette de Magellan						•		•	•	•		•		•
<i>Chloephaga poliocephala</i>	Ashy-headed Goose	Graukopfgans	Ouette à tête grise							•			•		•	•	•
<i>Tachyeres patachonicus</i>	Flying Steamer Duck	Langflügel- Dampfschiffente	Brassemer de Patagonie										•				•

Waterbirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Tachyeres pteneres</i>	Flightless Steamer Duck	Magellan-Dampfschiffente	Brassemer cendré				•	•		•	•		•	•	•		•
<i>Lophonetta specularoides</i>	Crested Duck	Schopfente	Canard huppé				•				•	•	•				•
<i>Anas georgica</i>	Yellow-billed Pintail	Spitzschwanzente	Canard à queue pointue				•				•	•					•
<i>Anas flavirostris</i>	Yellow-billed Teal	Braunkopfente	Sarcelle tachetée														
<i>Mareca sibilatrix</i>	Chiloe Wigeon	Chilepibeand	Canard de Chiloé								•	•					•
<i>Speculanas specularis</i>	Spectacled Duck	Kupferspiegelente	Canard à lunettes									•					
<i>Zonibyx modestus</i>	Rufous-chested Dotterel	Rotbrust-Regenpfeifer	Pluvier d'Urville													•	
<i>Vanellus chilensis</i>	Southern Lapwing	Bronzekiebitz	Vanneau téro			•	•		•		•	•	•				•
<i>Haematopus ater</i>	Blackish Oystercatcher	Chileausternfischer	Huîtrier noir														•
<i>Haematopus palliatus</i>	American Oystercatcher	Braunmantel-Austernfischer	Huîtrier d'Amérique			•	•										
<i>Haematopus leucopodus</i>	Magellanic Oystercatcher	Magellanausternfischer	Huîtrier de Garnot								•	•	•		•	•	•
<i>Numenius phaeopus</i>	Whimbrel	Regenbrachvogel	Courlis corlieu				•	•									
<i>Limosa haemastica</i>	Hudsonian Godwit	Hudsonschnepfe	Barge hudsonienne				•										

Landbirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Rhea pennata</i>	Darwin' s Rhea	Darwinnandu	Nandou de Darwin									•					
<i>Cathartes aura</i>	Turkey Vulture	Truthahngeier	Urubu à tête rouge	•		•	•	•	•			•			•	•	•
<i>Coragyps atratus</i>	Black Vulture	Rabengeier	Urubu noir			•	•										
<i>Vultur gryphus</i>	Andean Condor	Andenkondor	Condor des Andes								•	•	•		•	•	
<i>Caracara plancus</i>	Crested Caracara	Schopfkarakara	Caracara huppé					•		•	•	•					•
<i>Milvago chimango</i>	Chimango Caracara	Chimangokarakara	Caracara chimango			•	•	•			•	•	•			•	•
<i>Daptrius australis</i>	Striated Caracara	Falklandkarakara	Caracara austral													•	
<i>Geranoaetus melanoleucus</i>	Black-chested Buzzard-eagle	Andenbussard	Buse aguia									•					
<i>Circus cinereus</i>	Cinereous Harrier	Grauweihe	Busard bariolé													•	
<i>Columba livia</i>	Rock Dove	Felsentaube	Pigeon biset	•			•				•	•					
<i>Enicognathus leptorhynchus</i>	Slender-billed Parakeet	Langschnabelsittich	Conure à long bec			•	•										
<i>Enicognathus ferrugineus</i>	Austral Parakeet	Smaragdsittich	Conure magellanique			•											•
<i>Sephanoides sephanoides</i>	Green-backed Firecrown	Chilekolibri	Colibri du Chili			•	•		•								
<i>Megaceryle torquata</i>	Ringed Kingfisher	Rotbrustfischer	Martin-pêcheur à ventre roux			•											•

Landbirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Campephilus magellanicus</i>	Magellanic Woodpecker	Magellanspecht	Pic de Magellan									•					•
<i>Pteroptochos tarnii</i>	Black-throated Huet-huet	Schwarzkehl-Bürzelstelzer	Tourco huet-huet			•											
<i>Cinclodes patagonicus</i>	Dark-bellied Cinclodes	Streifenbrust-Uferwippe	Cinclide à ventre sombre			•	•				•	•					•
<i>Cinclodes fuscus</i>	Buff-winged Cinclodes	Kurzschnabel-Uferwipper	Cinclide brun						•							•	
<i>Muscisaxicola maclovianus</i>	Dark-faced Ground-Tyrant	Maskengrundtyrann	Dormilon bistré						•				•			•	
<i>Colorhamphus parvirostris</i>	Patagonian Tyrant	Patagonienschmätzertyrann	Pitajo de Patagonie			•											
<i>Lessonia rufa</i>	Austral Negrito	Patagoniensporntyrann	Lessonie noire						•		•	•					•
<i>Scelorchilus rubecula</i>	Chucao Tapaculo	Rotkehltapaculo	Tourco rougegorge			•											
<i>Scytalopus magellanicus</i>	Magellanic Tapaculo	Magellantapaculo	Mérulaxe des Andes			•							•				
<i>Aphrastura spinicauda</i>	Thorn-tailed Rayadito	Stachelschwanzschlüpfer	Synallaxe rayadito			•							•			•	
<i>Sylviorthorhynchus desmursii</i>	Des Murs's Wiretail	Fadenschwanzschlüpfer	Synallaxe de Des Murs				•										
<i>Xolmis pyrope</i>	Fire-eyed Diucon	Feueraugen-Scheckentyrann	Pépoaza oeil-de-feu				•		•			•					
<i>Elaenia albiceps</i>	White-crested Elaenia	Weißkronen-Olivtyrann	Élénie à cimier blanc			•			•			•					•

Landbirds

SCIENTIFIC NAME	ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Tachycineta leucopyga</i>	Chilean Swallow	Chileschwalbe	Hirondelle du Chili	•		•	•		•		•	•	•			•	•
<i>Troglodytes musculus</i>	Southern House Wren		Troglodyte austral														•
<i>Turdus falklandii</i>	Austral Thrush	Magellandrossel	Merle austral			•	•		•		•	•	•			•	•
<i>Curaeus curaeus</i>	Austral Blackbird	Strichelkopfstärling	Carouge austral									•					
<i>Leistes loyca</i>	Long-tailed Meadowlark	Langschwanzstärling	Sturnelle australe									•					
<i>Phrygilus gayi</i>	Grey-hooded Sierra Finch	Kordillerenammertangare	Phrygile à tête grise									•					•
<i>Phrygilus patagonicus</i>	Patagonian Sierra-finch	Graukopf-Ammertangare	Phrygile de Patagonie			•			•			•					•
<i>Zonotrichia capensis</i>	Rufous-collared Sparrow	Morgenammer	Bruant chingolo	•					•		•	•	•				•
<i>Passer domesticus</i>	House Sparrow	Haussperling	Moineau domestique	•		•	•				•	•					
<i>Spinus barbatus</i>	Black-chinned Siskin	Bartzeisig	Tarin à menton noir						•		•						•

Wildlife List - Marine Mammals



Marine Mammals

SCIENTIFIC NAME		ENGLISH	DEUTSCH	FRANÇAIS	17	18	19	20	21	22	23	24	25	26	27	28	29	30
<i>Balaenoptera borealis</i>	Sei Whale	Rorqual de Rudolphi	Seiwal	Seihval					•									
<i>Cephalorhyncus eutropia</i>	Chilean Dolphin	Weißbauchdelfin	Céphalorhynque noir	Chiledelfin				•				•		•				
<i>Lagenorhynchus obscurus</i>	Dusky Dolphin	Schwarzdelfin	Lagénorhynque obscur	Mørkdelfin					•		•							
<i>Lagenorhynchus australis</i>	Peale's Dolphin	Peale-Delfin	Lagénorhynque de Peale	Peales delfin													•	
<i>Tursiops truncatus</i>	Common Bottlenose Dolphin	Große Tümmler	Grand dauphin commun	Tumler					•									
<i>Otaria byronia</i>	South American Sea Lion	Mähnenrobbe	Lion de mer d'Amérique du Sud	Søramerikansk sjøløve					•						•			•

Wildlife List - Land Mammals



Land Mammals

[illegible]