

Seabird Maps and Information for Fisheries

QUICK START GUIDE

Here's what this website has:



map tool

home

case studies

documentation

resources

help

login/register

Define your fishery or area & get info on its seabirds

The home page, and how to get started

A storymap with bycatch examples

Definitions and data sources

Useful info, including bycatch reduction

How to use the site and interpret results

Free registration allows you to save your work

Map Tool

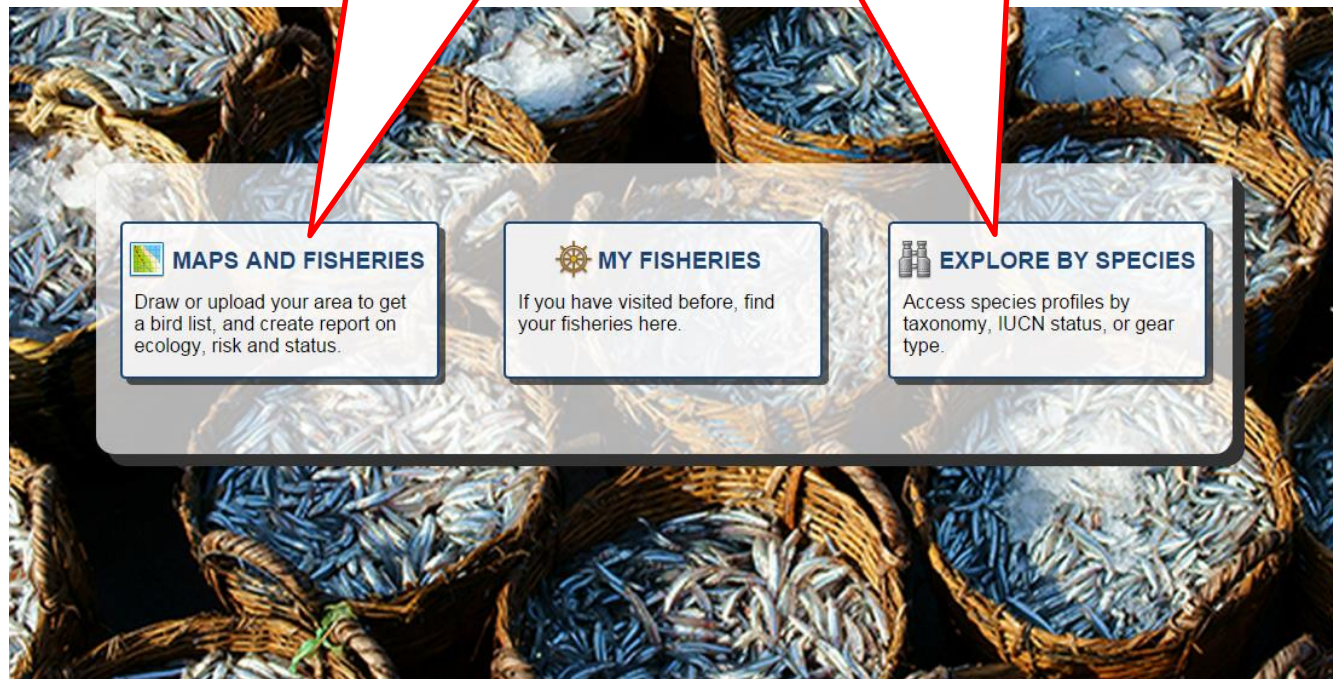
QUICK START GUIDE

If you want to define a fishery or other area and get a list of seabirds for the area...

Click here

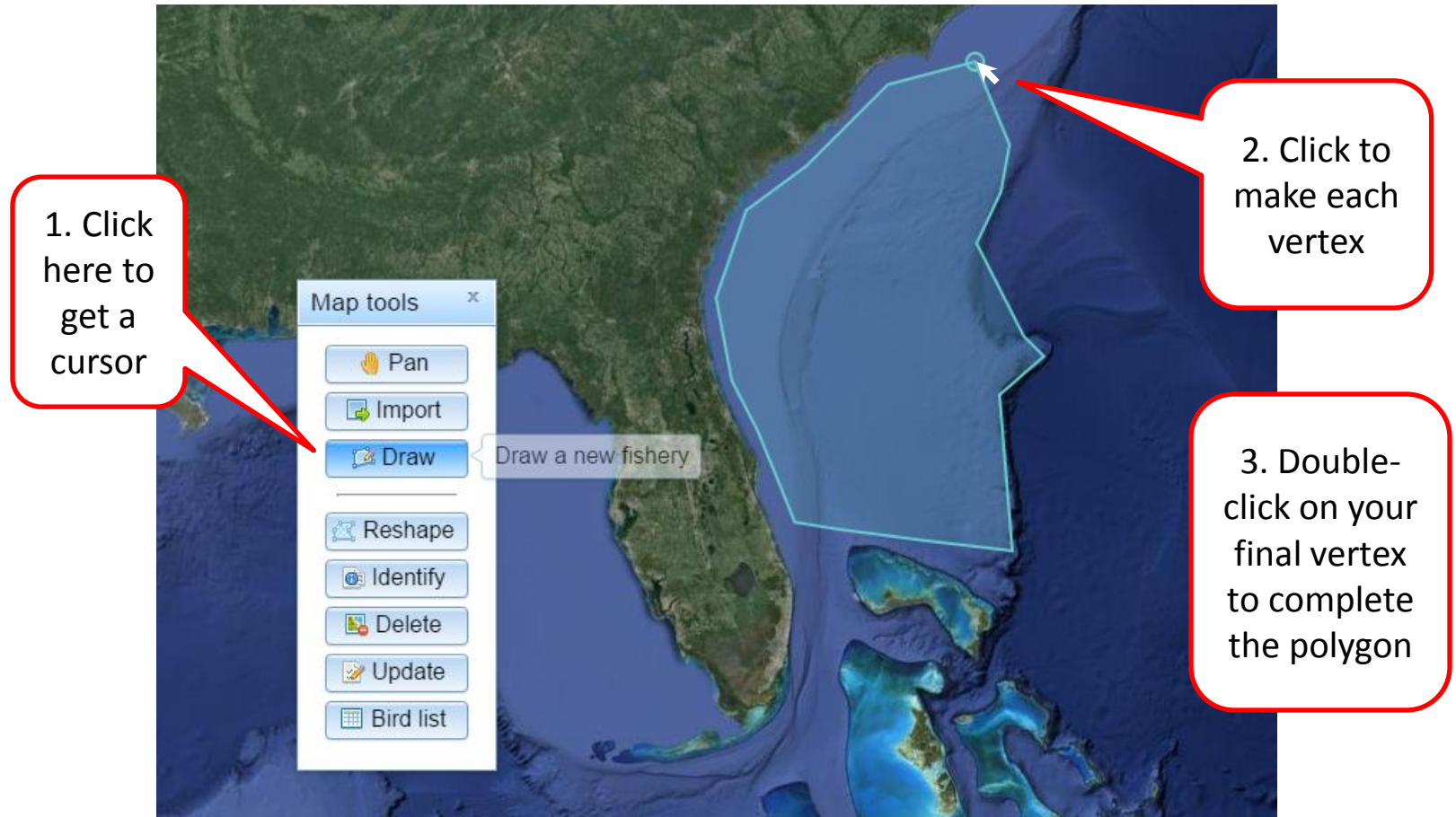
If you want to find out about a specific seabird species or group, or about a gear type...

Click here



Maps and Fisheries: Make a Fishery

Draw a Fishery...

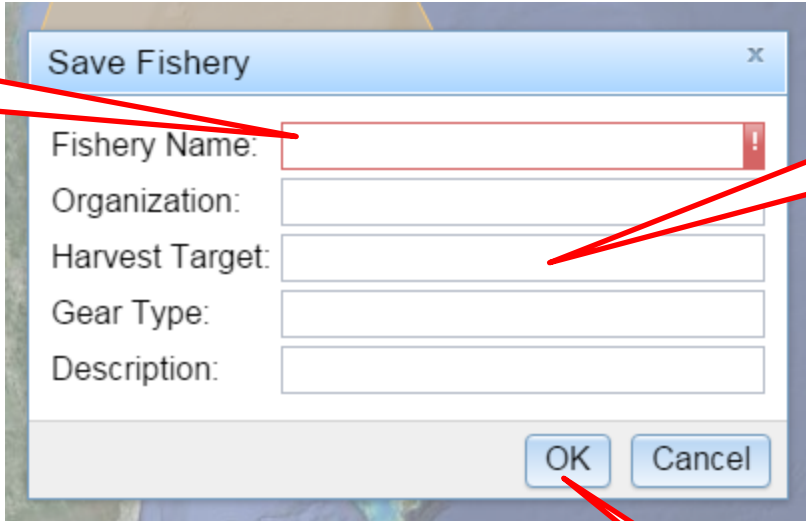


Maps and Fisheries: Make a Fishery

Then, give it a name

Add attributes if you wish

Click OK!



The image shows a 'Save Fishery' dialog box with the following fields: Fishery Name, Organization, Harvest Target, Gear Type, and Description. At the bottom are 'OK' and 'Cancel' buttons. Red callout boxes point to the 'Fishery Name' field, the 'Harvest Target' field, and the 'OK' button.

Field	Callout
Fishery Name:	Then, give it a name
Organization:	
Harvest Target:	Add attributes if you wish
Gear Type:	
Description:	
OK	Click OK!

Maps and Fisheries: Make a Fishery

Or, you can drag a .shp shapefile onto the map

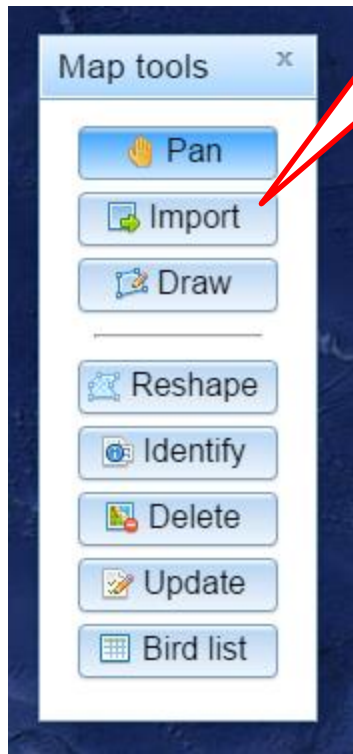
Click here to
get
instructions

Instructions!

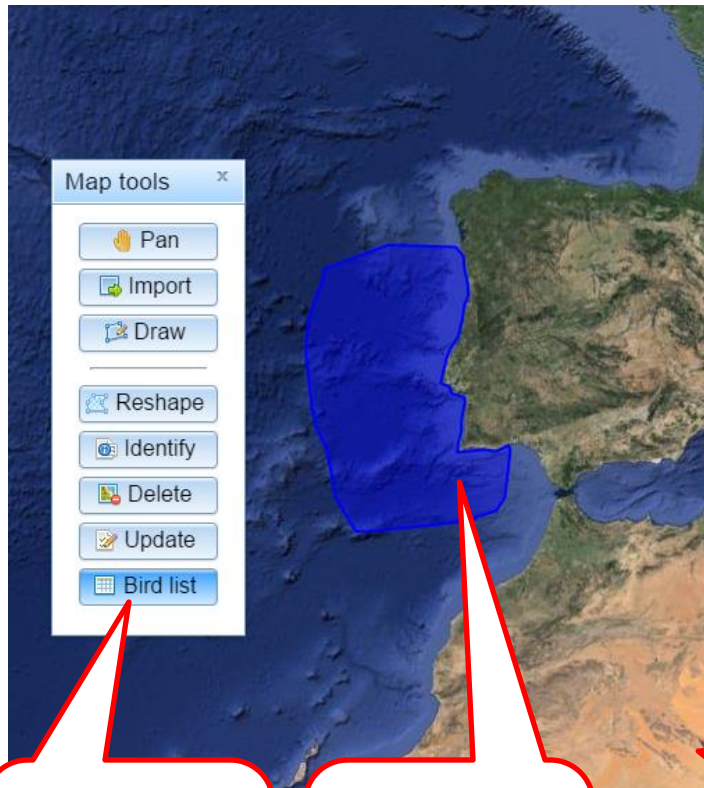
Import shapefile

Close this message box then drag a 'filename.shp' file onto the browser to create a new fishery from this file. The file must be in geographic decimal coordinates (WGS84 also known as EPSG:4326). There is no need to include the '.dbf' or other parts of the shapefile. These will be ignored.

Then just
drag it onto
the map!



Maps and Fisheries: Assess a Fishery



1. Depress this button to make it dark blue

2. Click on your fishery

Get your seabird list!

Bird ranges intersected by fishery: 'Portugal Fishery' (37 species)

Include Species Include Maps Taxonomic Order

Display Range	English Common Name	Scientific Name	IUCN Status	Pop. Est.	Documented Bycatch	Include Species	Include Map
<input type="radio"/>	Common Scoter	<i>Melanitta nigra</i>	Least Concern(LC)	1,600,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Red-throated Loon	<i>Gavia stellata</i>	Least Concern(LC)	200,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Black-throated Loon	<i>Gavia arctica</i>	Least Concern(LC)	280,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Great Northern Loon	<i>Gavia immer</i>	Least Concern(LC)	unknown	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Zino's Petrel	<i>Pterodroma madeira</i>	Endangered (EN)	130	Undocumented	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Fea's Petrel	<i>Pterodroma feae</i>	Near Threatened (NT)	1,500	Undocumented	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Desertas Petrel	<i>Pterodroma deserta</i>	Vulnerable (VU)	350	Undocumented	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Scopoli's Shearwater	<i>Calonectris diomedea</i>	Least Concern(LC)	285,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Cory's Shearwater	<i>Calonectris borealis</i>	Least Concern(LC)	502,200	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Sooty Shearwater	<i>Ardenna grisea</i>	Near Threatened (NT)	20,000,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Great Shearwater	<i>Ardenna gravis</i>	Least Concern(LC)	15,000,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Manx Shearwater	<i>Puffinus puffinus</i>	Least Concern(LC)	1,050,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Balearic Shearwater	<i>Puffinus mauretanicus</i>	Critically Endangered (CR)	13,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Barolo Shearwater	<i>Puffinus baroli</i>	Not Evaluated(NE)	6,080	Undocumented	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Bulwer's Petrel	<i>Bulweria bulwerii</i>	Least Concern(LC)	500,000	Undocumented	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	Wilson's Storm Petrel	<i>Oceanites oceanicus</i>	Least Concern(LC)	12,000,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="radio"/>	White-faced Storm Petrel	<i>Pelagodroma marina</i>	Least Concern(LC)	4,000,000	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>




Sort your results!

Click on the heading

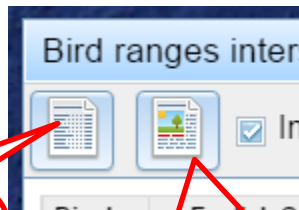
English Common Name	IUCN Status	Documented Bycatch
Cory's Shearwater	Critically Endangered (CR)	Yes
Zino's Petrel	Endangered (EN)	Undocumented
Desertas Petrel	Vulnerable (VU)	Undocumented
Fea's Petrel	Near Threatened (NT)	Undocumented

Maps and Fisheries: Produce Reports

Bird ranges intersected by fishery: 'Portugal Fishery' (37 species)

☐ 
☒ 
☐ Include Species ☒ Include Maps ☐ Taxonomic Order 

Display Range	English Common Name	IUCN Status ▲	Documented Bycatch	Range Area (sq. km)
<input type="radio"/>	Balearic Shearwater	Critically Endangered (CR)	Yes	4,540,212
<input type="radio"/>	Zino's Petrel	Endangered (EN)	Undocumented	21,096,413
<input type="radio"/>	Desertas Petrel	Vulnerable (VU)	Undocumented	35,783,341
<input type="radio"/>	Fea's Petrel	Near Threatened (NT)	Undocumented	19,509,836
<input type="radio"/>	Sooty Shearwater	Near Threatened (NT)	Yes	253,391,361
<input type="radio"/>	Band-rumped Storm Petrel	Least Concern(LC)	Undocumented	41,859,438
<input type="radio"/>	Great Northern Loon	Least Concern(LC)	Yes	386,660
<input type="radio"/>	Scopoli's Shearwater	Least Concern(LC)	Yes	45,320,782



Summary
Report:
short
version

Comprehensive
Report: detailed
version



Comprehensive Species Report



Report produced for N Bermuda by the Seabird Information for Fisheries Assessment Tool
www.fisheryandseabird.info

[close](#)

Black-capped Petrel

Pterodroma hasitata (PROCELLARIIFORMES)

IUCN Status: Endangered (EN)

Population Size Range: Unknown to Unknown Population Trend: decreasing

Foraging Ecology

Daily Foraging Period: Nocturnal, Diurnal

Sea Surface Feeder: Yes Benthic Feeder: No Ship Follower: No

Diver: Surface Diver Normal Diving Range (m): Unknown to Unknown

Max. Diving Depth (m): Unknown

Main Diet:

Squid, fish, swarming invertebrates

Distribution and Seasons



Fishery: N Bermuda

Percent of fishery where species occurs: 100%

Percent of species' range in fishery area: 6.7%

Social Behavior: Solitary, Small Groups and Gregarious

Coastal Breeder: Yes Colonial Breeder: Yes

Seasonality

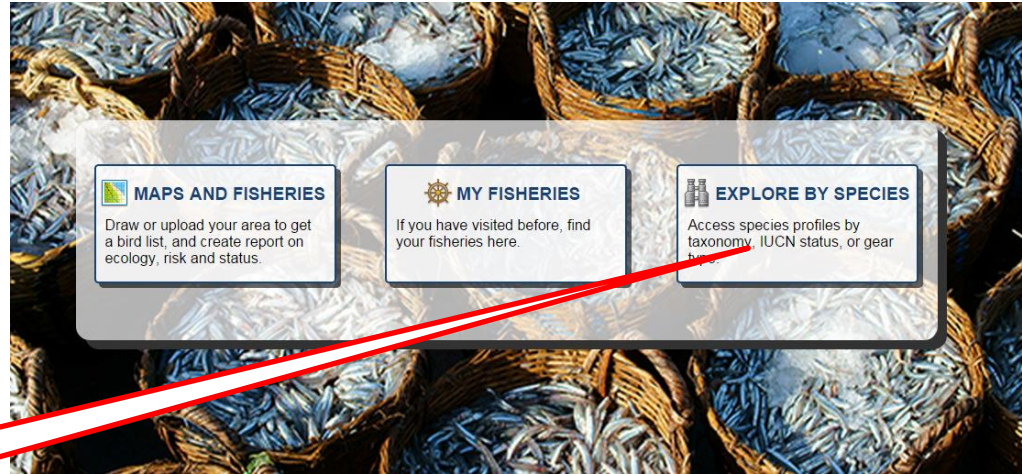
Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Notes
Onshore:													
Inshore:													
Offshore:													

Ecology Notes:

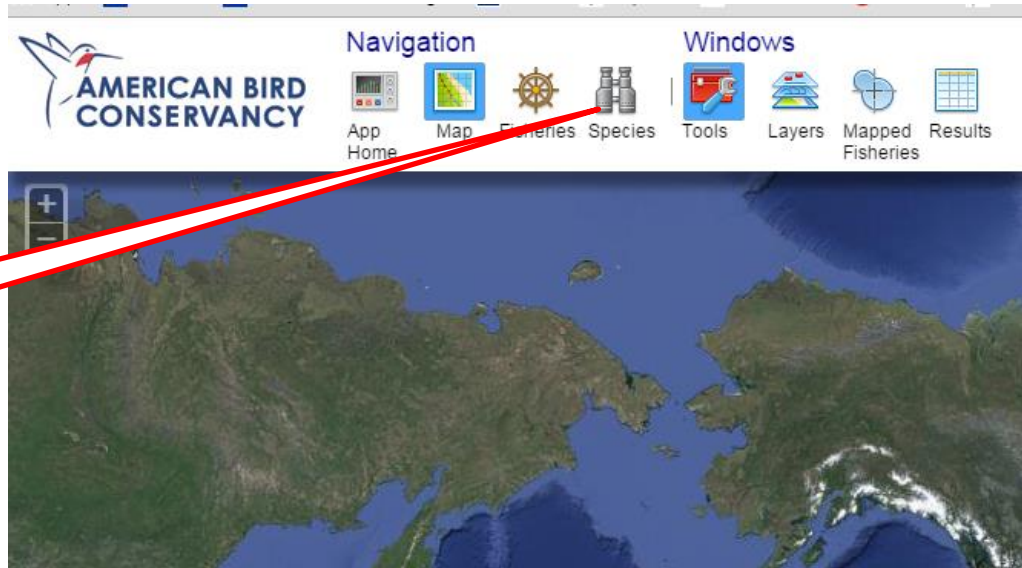
See Simons et al. (2013) for comprehensive overview of the species: highly pelagic, even during

Explore by Species

If you just want to see a single species, a group or family, or explore bycatch by gear type



Click here



or here

Explore by Species: Querying

Find species in the database

You can combine taxonomy, IUCN status, and gear interactions in one query. To select more than one gear type, control-click.

Known interaction with any gear: ☐

Known interaction with specific gear type(s)

Demersal longline
Dredges
Drift gillnet
Falling gear
Hand implements
Handlines and harpoons
Lift nets
Pair trawl-bottom
Pair trawl-midwater
Pelagic longline
Pots/Korean traps
Seine
Set gillnet
Trammel net
Traps
Trawl-bottom
Trawl-midwater
Troll & jig

1. Choose a parameter to search by

Order (9): CHARADRIIFORMES

Family (5): *select Family*

Genus (35): *select Genus*

Species (127): *select species scientific*

Common name (127): *select common English name*

IUCN status: *select IUCN status*

2. (optional)
Choose a gear
type of interest

3. Get a Results
table

Submit Query

Clear Selections

Get your
Results!

CONSERVANCY

App Home Map Fisheries Species

33 species returned. To refine or change your criteria, click on the binocu

English Common Name	Scientific Name	IUC
Red-necked Phalarope	<i>Phalaropus lobatus</i>	Least C
Black-legged Kittiwake	<i>Rissa tridactyla</i>	Least C
Red-legged Kittiwake	<i>Rissa brevirostris</i>	Least C

Explore by Species: Produce Reports



Navigation



App
Home



Map



Fisheries



Species

7 species returned. To refine or change your criteria, click on

English Common Name	Scientific Name
Laysan Albatross	<i>Phoebastria immutabilis</i>
Black-footed Albatross	<i>Phoebastria nigripes</i>
Waved Albatross	<i>Phoebastria irrorata</i>
Short-tailed Albatross	<i>Phoebastria albatrus</i>
Wandering Albatross	<i>Diomedea exulans</i>
Black-browed Albatross	<i>Thalassarche melanophris</i>
Gray-headed Albatross	<i>Thalassarche chrysostoma</i>



☒ Select/Deselect All Maps ☒ Select/Deselect

Summary
Report:
short
version

Comprehensive
Report: detailed
version



Comprehensive Species Report



Report produced by the Seabird Information for Fisheries Assessment Tool
www.fisheryandseabird.info

[close](#)

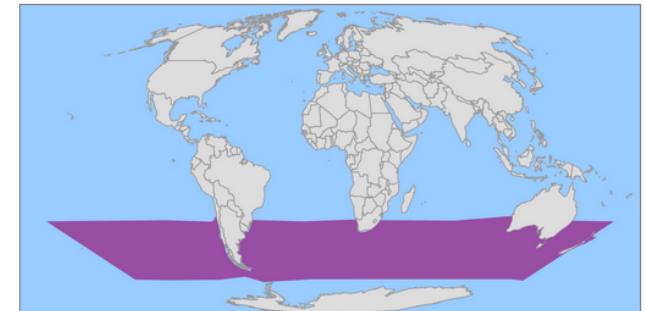
Wandering Albatross

Diomedea exulans (PROCELLARIIFORMES)
IUCN Status: Vulnerable (VU)
Population Size Range: Unknown to 20,100 Population Trend: decreasing

Foraging Ecology

Daily Foraging Period: Diurnal, Nocturnal
Sea Surface Feeder: Yes Benthic Feeder: No Ship Follower: Yes
Diver: Surface Diver Normal Diving Range (m): 0 to 1
Max. Diving Depth (m): 1
Main Diet:
Fish (particularly *Dissostichus eleginoides*), squid, cephalopods

Distribution and Seasons



Social Behavior: Solitary, Gregarious
Coastal Breeder: Yes Colonial Breeder: Yes

Seasonality

Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Notes
Onshore:													
Inshore:													
Offshore:													

Ecology Notes:
Wide-ranging albatross (e.g. Nicholls et al. 2000) known even to circumnavigate the pole