



Southern Seabird
Solutions



Southern Seabird Solutions

The Southern Seabird Solutions Trust fact sheets offer students an opportunity to explore the lives of seabirds. The lesson plans were created to assist teachers in helping students investigate and learn about seabirds, the important role seabirds play in their environment, and what impacts humans have on their ecology.

Learning outcomes

This resource provides students the opportunity to develop knowledge and understanding about

- why New Zealand is considered the seabird capital of the world;
- the special adaptations seabirds have so they can live at sea;
- seabird ecology;
- ecosystems, and understand why seabirds are important to their ecosystems;
- seabird migrations;
- pūrākau/legends and stories about manu moana/seabirds from Aotearoa/New Zealand;
- the status of individual species and how seabird populations are monitored and managed;
- human impacts on seabirds and positive actions that can be taken to improve their chance for survival.

Acknowledgements

This series of facts sheets and lesson plans were created for Southern Seabird Solutions Trust. The Department of Conservation's Marine Conservation Unit funded this environmental education project.

Fact sheets by Shelly Farr Biswell

Lesson plans by Ken Hodson

Design and illustration by Lisa Paton of Morphological - Environmental Communication

Southern Seabird Solutions project steering committee: Alan Riwaka, Sarah Crysell, Jo Garty, Wendy Barry, Stephanie Rowe and Danica Devery-Smith.

Various people have reviewed sections or complete drafts of these fact sheets and have provided helpful comments. These people include Stephen Bragg (DOC), Peter de Lange (DOC), Dave Kellian (Southern Seabird Solutions), Anuru Luke (DOC), Colin Miskelly (DOC), Janice Molloy (Southern Seabird Solutions), Lyndon Perriman (DOC), Paul Sagar (NIWA), Graeme Taylor (DOC) and Richard Wells (Clement and Associates Limited).

Others, including Pete McClelland (DOC) and Steve Cranwell (DOC), have shared useful information about specific species for these fact sheets.

Some of the seabirds you'll learn about in these fact sheets include:

Common name	Māori name	Scientific name
Arctic skua		<i>Stercorarius parasiticus</i>
Antipodean albatross		<i>Diomedea antipodensis</i>
Australasian gannet	tākapu/tākupu	<i>Morus serrator</i>
black-fronted tern	tarapiroe	<i>Sterna albobriata</i>
black petrel	tāiko	<i>Procellaria parkinsoni</i>
broad-billed prion	pararā	<i>Pachyptila vittata</i>
brown skua	hākoakoa	<i>Catharacta antarctica lonnbergi</i>
Buller's albatross		<i>Thalassarche bulleri</i>
Chatham tāiko		<i>Pterodroma magentae</i>
Cook's petrel	tītī	<i>Pterodroma cookii</i>
fairy prion	tītī wainui	<i>Pachyptila turtur</i>
grey petrel	kui	<i>Procellaria cinerea</i>
grey-faced petrel	ōi	<i>Pterodroma macroptera gouldi</i>
Hutton's shearwater		<i>Puffinus huttoni</i>
little blue penguin	kororā	<i>Eudyptula minor</i>
masked booby		<i>Sula dactylatra fullagari</i>
New Zealand fairy tern	tara-iti	<i>Sterna nereis davisae</i>
northern giant petrel	pāngurunguru	<i>Macronectes halli</i>
northern royal albatross	toroa-whakaingo	<i>Diomedea sanfordi</i>
sooty shearwater	tītī	<i>Puffinus griseus</i>
wandering albatross	toroa	<i>Diomedea exulans</i>
white-capped albatross		<i>Thalassarche steadi</i>
white-flipped penguin		<i>Eudyptula albosignata</i>
yellow-eyed penguin	hoiho	<i>Megadyptes antipodes</i>



Fact sheets

Contents

- 1 Seabird ecology: Where and how do seabirds nest?**
- 2 Seabird ecology: We're all in this together - seabird colonies**
- 3 Seabird ecology: What makes a seabird a seabird?**
- 4 Seabird ecology: Fishing for food**
- 5 Seabirds and people: Seabirds count - seabird populations in New Zealand**
- 6 Seabird ecology: The big OE - New Zealand seabird migrations**
- 7 Seabird ecology: Raising their young**
- 8 Seabird ecology: Seabirds and their environment**
- 9 Seabirds and people: The impacts of fishing on seabirds**
- 10 Seabirds and people: The cultural importance of seabirds**