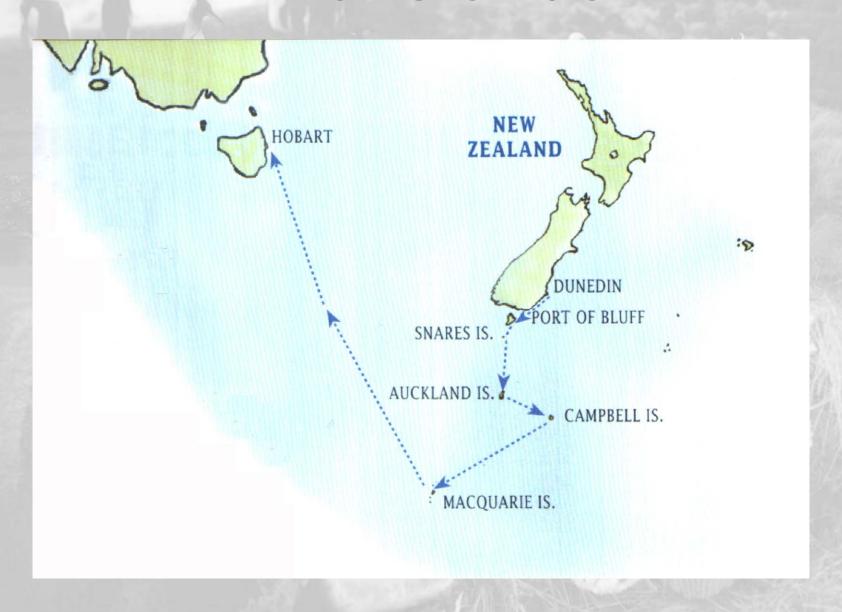
BEYOND THE ROARING FORTIES

THE SUBANTARCTIC ISLANDS OF NEW ZEALAND

James Russell School of Geography and Environmental Science University of Auckland

†technically one is Australian

The Islands



The Vessel

Akademik Shokalskie

71.6m Class 1A icebreaker

9 - 12 knot cruising speed



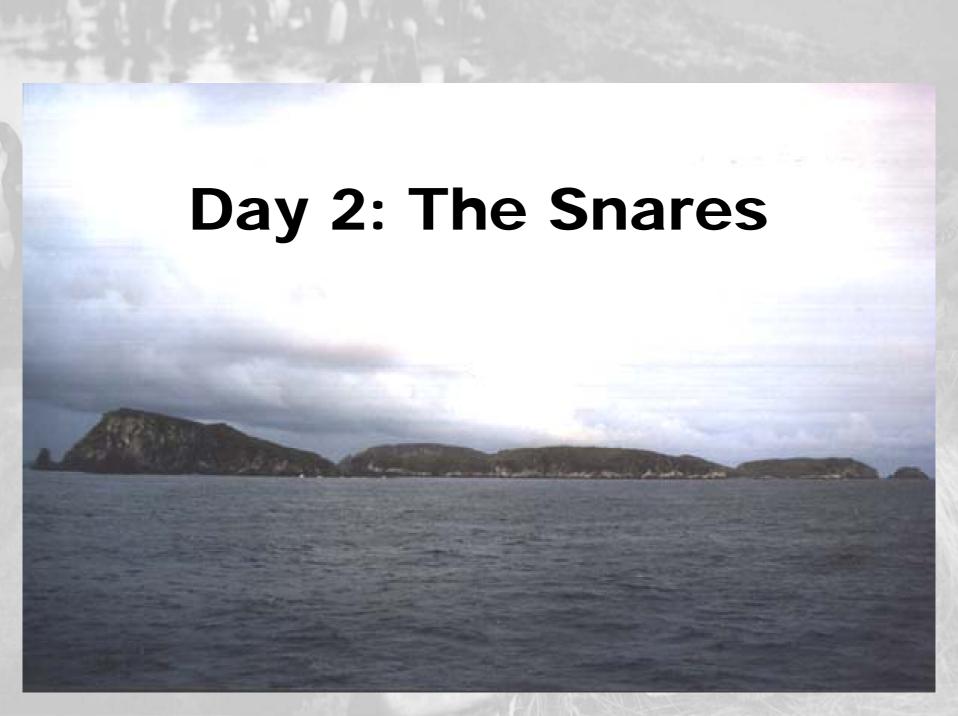
Day 1: Stewart Isld



174 600 hectaresMuttonbirding Islands84 Kakapo on CodfishNational Park

Pest Control?

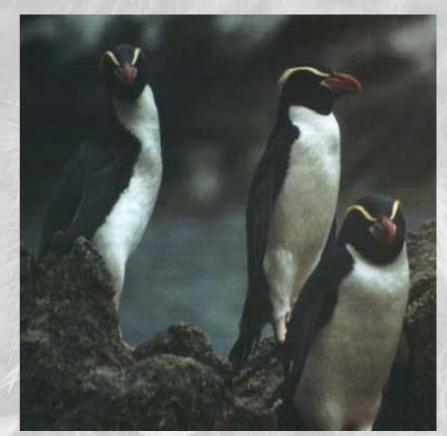




60 - 80 000 endemic Snare's Island Crested Penguins

6 000 000 sooty shearwaters

endemic black tit, fernbird, snipe





History

"Hardwicke" settlement founded 1850

Abandoned 1856

Whaling and Sealing

WW II Coastwatchers

1972-73 Auckland Islds Expedition

50 x 26 km



7 000 Wandering Albatross

Endemic pipit, tomtit, snipe, shag, banded dotterel + many insects

fur seals, kakariki, skuas, yellow eyed penguin











Day 5 - 6: Campbell Isld



History

1874 Venus transit

Farmed 1895 - 1931 4 000 sheep remained





WW II Coastwatchers

11 311 hectares2001 rats eradicated?

Flora

Endemic "megaherbs"



Bulbinella rossii

Pleurophyllum speciosum



7 500 Royal Albatross



"Gamming"













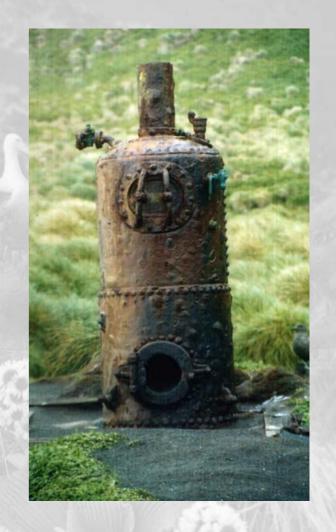
History

Geologically unique

"oceanic crust"

Discovered 1810

"whaling"



Australian National Antarctic Research Expedition (ANARE)



Lots of Penguins





with thanks to Heritage Expeditions