

## Information

### INTRODUCTION TO THE PROGRAMME

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### FACT FILE

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- (16) Cooper, J. (2020) *A Southern Royal Albatross dies in captivity after swallowing a half-litre plastic bottle*, Agreement on the Conservation of Albatrosses and Petrels. Available at: <https://www.acap.aq/latest-news/a-southern-royal-albatross-dies-in-captivity-after-swallowing-a-half-litre-plastic-bottle> (Accessed: 11 May 2023).
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Information provided in the Species Profiles and Peak Beaks cards is from the BirdLife International's IUCN Red List for birds (19) and New Zealand Birds Online (20), except for the following:

#### Common Ostrich Peak Beaks card

PBS (2021) *Ostrich Fact Sheet* (2021). Available at: <https://www.pbs.org/wnet/nature/blog/ostrich-fact-sheet/> (Accessed: 11 May 2023).

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WWF (no date) *Top 10 facts about Emperor Penguins*. Available at: <https://www.wwf.org.uk/learn/fascinating-facts/emperor-penguins> (Accessed: 11 May 2023).

## Pictures

### FACT FILE (INCLUDING SPECIES PROFILES) & PEAK BEAKS CARDS

#### The ocean

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#### Biology and ecology of seabirds

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Rutt, C. L. (2012) *An incubating Laysan Albatross watches the lake level rise, near Papahānaumokuākea Marine National Monument, Hawaii. This nest flooded, and the egg was abandoned, days after the photo was taken in January 2012*. Available at: <https://www.audubon.org/news/climate-change-may-swallow-albatross-nesting-grounds-sooner-we-thought> (Accessed: 11 May 2023).

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#### Fishing and food webs

Marine Stewardship Council (no date) *Demersal or bottom trawls*. Available at: <https://www.msc.org/what-we-are-doing/our-approach/fishing-methods-and-gear-types/demersal-or-bottom-trawls> (Accessed: 11 May 2023).

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RSPB (2018) *By protecting the barb of the baited hook while close to the surface, the Hookpod can help keep scavenging seabirds safe*. Available at: <https://community.rspb.org.uk/getinvolved/b/albatross/posts/working-to-reduce-seabird-and-turtle-bycatch-in-brazil> (Accessed: 11 May 2023).

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New Zealand Department of Conservation (no date) *A 500-ml plastic bottle found in the stomach of a Southern Royal Albatross Diomedea epomophora*. Available at: <https://www.acap.aq/world-albatross-day/wad2023-plastic-pollution> (Accessed: 11 May 2023).

#### Climate change

Arcos, J. M. (no date) *A typical feeding frenzy alongside a fishing boat*. Available at: <https://www.birdlife.org/news/2022/01/20/troubled-waters-fishing-bycatch-is-decimating-europes-seabirds/> (Accessed: 11 May 2023).

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##### **Black Petrel**

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##### **Black-browed Albatross**

Tennyson, A. (2012) *Black-browed mollymawk | Toroa. Adult sitting on water. Cook Strait, August 2012*. Available at: <https://nzbirdsonline.org.nz/species/black-browed-mollymawk> (Accessed: 11 May 2023).

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##### **Chatham Albatross**

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##### **Grey-headed Albatross**

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##### **Indian Yellow-nosed Albatross**

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##### **Light-mantled Albatross**

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##### **Northern Royal Albatross**

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##### **Pink-footed Shearwater**

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##### **Salvin's Albatross**

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**Shy Albatross**

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**Sooty Albatross**

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**Southern Giant Petrel**

Smithers, R. (2015) *Southern giant petrel | Pāngurunguru. White morph adult. Macquarie Island, February 2015*. Available at: <https://www.nzbirdsonline.org.nz/species/southern-giant-petrel> (Accessed: 11 May 2023).

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**Southern Royal Albatross**

Griffin, P. (2013) *Southern royal albatross | Toroa. Adult on water. Kaikoura pelagic, January 2013*. Available at: <https://nzbirdsonline.org.nz/species/southern-royal-albatross> (Accessed: 11 May 2023).

**Spectacled Petrel**

Wanless, R. (no date) *Spectacled Petrel*. Available at: <https://www.acap.aq/resources/acap-species/302-spectacled-petrel/file> (Accessed: 11 May 2023).

**Tristan Albatross**

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Whyllie, B. (2010) *Wandering albatross | Toroa. Adult in flight. At sea off Wollongong, New South Wales, Australia, September 2010*. Available at: <https://nzbirdsonline.org.nz/species/wandering-albatross> (Accessed: 11 May 2023).

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**White-capped Albatross**

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**White-chinned Petrel**

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**Human**

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**Emperor Penguin**

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**Western Honey Bee**

Falk, S. (no date) *Apis mellifera*. Available at: <https://www.iucnredlist.org/species/42463639/42463665> (Accessed: 11 May 2023).

**Common Ostrich**

PBS (2021) *Ostrich Fact Sheet (2021)*. Available at: <https://www.pbs.org/wnet/nature/blog/ostrich-fact-sheet/> (Accessed: 11 May 2023).

**HOMEWORK**Climate change quiz

Arcos, J. M. (no date) *A typical feeding frenzy alongside a fishing boat*. Available at: <https://www.birdlife.org/news/2022/01/20/troubled-waters-fishing-bycatch-is-decimating-europes-seabirds/> (Accessed: 11 May 2023).

Rutt, C. L. (2012) *An incubating Laysan Albatross watches the lake level rise, near Papahānaumokuākea Marine National Monument, Hawaii. This nest flooded, and the egg was abandoned, days after the photo was taken in January 2012*. Available at: <https://www.audubon.org/news/climate-change-may-swallow-albatross-nesting-grounds-sooner-we-thought> (Accessed: 11 May 2023).

Schoombie, S. and Schoombie, J. (no date) *Mouse trap: the species was accidentally introduced onto the island by 19th-century seal hunters and has since thrived in the warmer, drier conditions*. Available at: <https://www.theguardian.com/environment/2023/mar/21/world-biggest-single-eradication-operation-remove-mice-marion-island> (Accessed: 11 May 2023).

**PRESENTATIONS**Presentation 1**Slides 7-11**

Tennyson, A. (2012) *Black-browed mollymawk | Toroa. Adult sitting on water. Cook Strait, August 2012*. Available at: <https://nzbirdsonline.org.nz/species/black-browed-mollymawk> (Accessed: 11 May 2023).

**Slides 12-16**

Rutt, C. L. (2012) *An incubating Laysan Albatross watches the lake level rise, near Papahānaumokuākea Marine National Monument, Hawaii. This nest flooded, and the egg was abandoned, days after the photo was taken in January 2012*. Available at: <https://www.audubon.org/news/climate-change-may-swallow-albatross-nesting-grounds-sooner-we-thought> (Accessed: 11 May 2023).

**Slides 17-22**

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Presentation 2**Slides 2 & 23**

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Rosignol, P. (no date) *Every year about 400,000 seabirds become caught in gillnets set up to catch fish*. Available at: <https://www.weforum.org/agenda/2018/07/led-lights-turtles-birds-fishing-nets/> (Accessed: 11 May 2023).



## continued... Pictures

Lebepe, B. (no date) *A South African trawl vessel*. Available at: <https://community.rspb.org.uk/getinvolved/b/albatross/posts/albatross-deaths-down-by-99-in-local-trawl-fishery> (Accessed: 11 May 2023).

### Slides 20-22

Marine Stewardship Council (no date) *Demersal or bottom trawls*. Available at: <https://www.msc.org/what-we-are-doing/our-approach/fishing-methods-and-gear-types/demersal-or-bottom-trawls> (Accessed: 11 May 2023).

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### Slide 24

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### Presentation 3

#### Slide 2

Siegel, S. (no date) *Laysan Albatrosses Phoebastria immutabilis breed among washed-up plastic litter on Midway Atoll*. Available at: <https://www.acap.aq/world-albatross-day/wad2023-plastic-pollution> (Accessed: 11 May 2023).

Oliveira, P. (no date) *It is likely that marine debris kills hundreds of thousands of sea birds, turtles, and marine mammals each year*. Available at: <https://www.newyorker.com/news/news-desk/where-does-all-the-plastic-go> (Accessed: 11 May 2023).

NOAA CREP (no date) *A curious Laysan Albatross checks out a toothbrush on the beach. Last year the Marine Debris team removed 705 toothbrushes and personal care items from the shorelines of Midway Atoll*. Available at: <https://marinedebris.noaa.gov/multimedia/photos/types#prettyPhoto> (Accessed: 11 May 2023).

#### Slide 16

New Zealand Department of Conservation (no date) *A 500-ml plastic bottle found in the stomach of a Southern Royal Albatross Diomedea epomophora*. Available at: <https://www.acap.aq/world-albatross-day/wad2023-plastic-pollution> (Accessed: 11 May 2023).

#### Slide 20

NOAA CREP (no date) *A Marine Debris team member disentangling a Laysan Albatross chick from a small derelict fishing net*. Available at: <https://marinedebris.noaa.gov/multimedia/photos/impacts#prettyPhoto> (Accessed: 11 May 2023).

### Presentation 4

#### Slides 2 & 4-7

Arcos, J. M. (no date) *A typical feeding frenzy alongside a fishing boat*. Available at: <https://www.birdlife.org/news/2022/01/20/troubled-waters-fishing-bycatch-is-decimating-europes-seabirds/> (Accessed: 11 May 2023).

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