



Bottlenose Dolphins of Doubtful & Dusky sound

Where are they and why are they there?

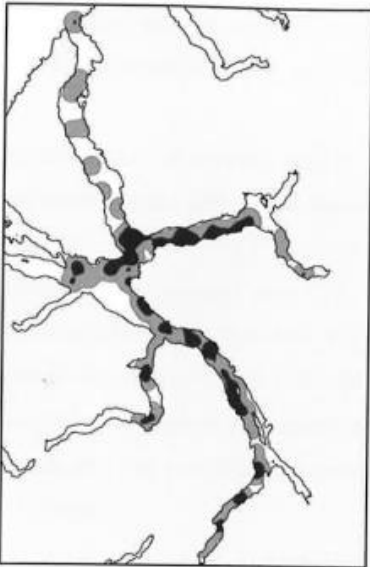
MSc Candidate: Steph Bennington

Background

Doubtful & Dusky sounds are home to separate populations of bottlenose dolphin

Within the fiords, these dolphins show preferences in where they spend their time.

Understanding this is a key in untangling interactions with the environment and other species.



Map: Example of used vs unused areas within Doubtful sound

Conservation

Doubtful sound

- Protection based on tourism
- Dolphin protection zones (DPZs) 2008

Dusky sound

- Increasing tourism
- A need for similar protection?

Questions:

To be investigated with: computer modelling, baited underwater videos and sonar.

Where are the dolphins currently?

Can DPZs be recommended for Dusky sound are they still relevant in Doubtful?

How do prey/predators influence preferences?

