

Identification Key to Campbell Island Freshwater Invertebrates

McMurtrie, Sinton & Winterbourn (2014)



Nemertea INFORMATION SHEET

Classification

Phylum: Nemertea
Common name: ribbon worm, proboscis worm

Distinguishing Features

- Unsegmented, elongated, smooth body, often flattened (Fig. 1).
- Eversible proboscis up to a third of the length of the body (Fig. 1).

Comments

A single Nemertean specimen was collected from a freshwater invertebrate sample during the 2010-11 Campbell Island Bicentennial Expedition. DNA work suggests that it could fit within the genus *Baseodiscus*, however species of this genus have previously only been known to live in marine environments (pers. comm. Sebastian Kvist). It is possible that due to the proximity of the collection site to the ocean and windswept nature of the island, that the salt spray that reaches the site increases the salinity of the stream enough to support brackish or marine species.



FIGURE 1. New Zealand freshwater Nemertea (no photographs of the Campbell Island species available)

Original Description

N/A

How to Cite this Information Sheet

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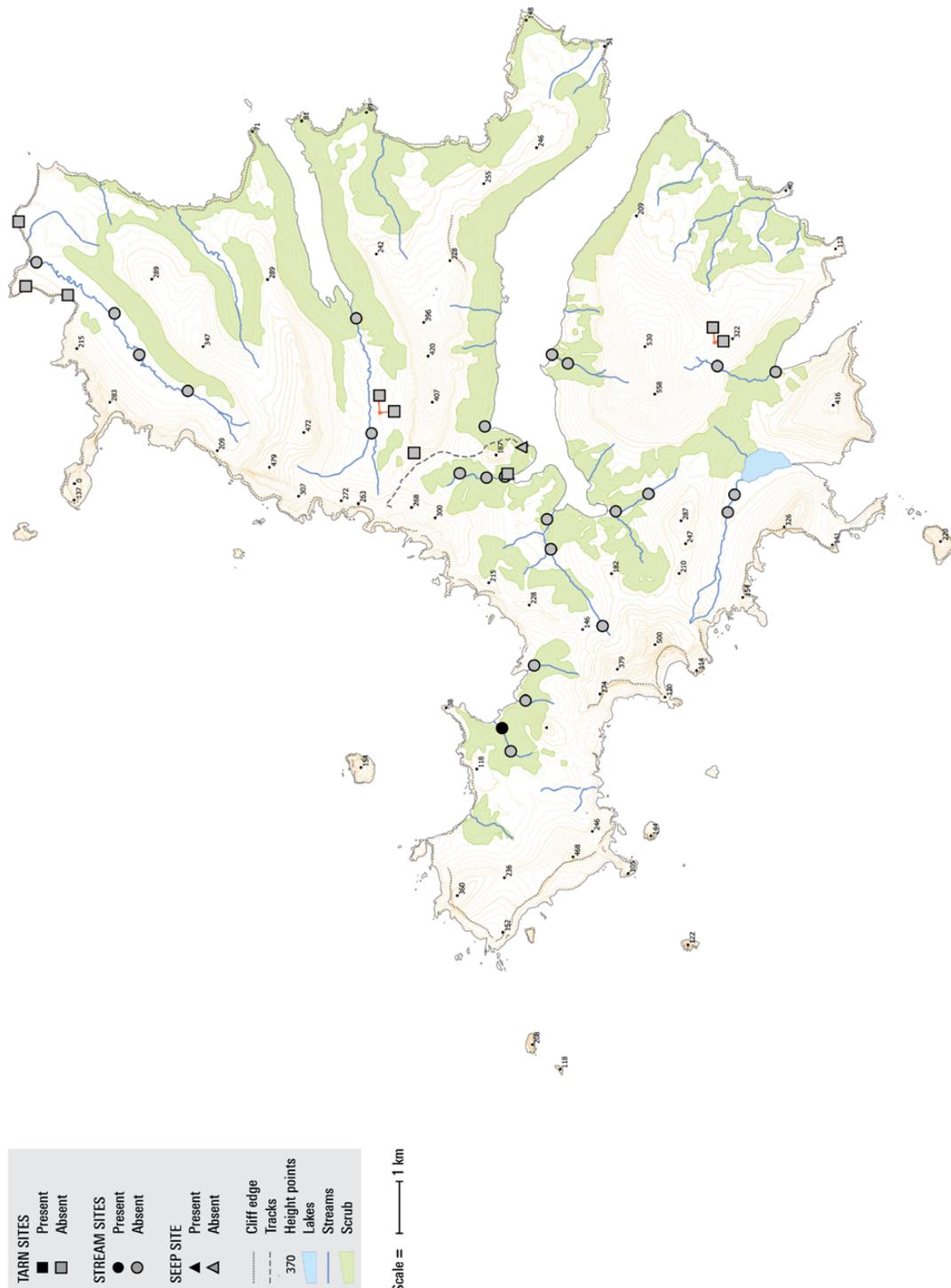
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Biogeographic Information

Presence/absence on streams, tarns, and a seepage sampled on Campbell Island.

Distribution map based on surveys undertaken by EOS Ecology during the 2010–11 Campbell Island Bicentennial Expedition (www.campbellisland.org.nz). Distribution data © EOS Ecology, 2013.



New Zealand Transverse Mercator
 New Zealand Geodetic 2000
 Created on: 3 December 2013
 Created by: Kirsty Brennan

Nemertea Distribution
CAMPBELL ISLAND
 December 2010–February 2011

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 EOS Ecology
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 Campbell Island Bicentennial Expedition
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