

Identification Key to Campbell Island Freshwater Invertebrates

McMurtrie, Sinton & Winterbourn (2014)



Eriopterini INFORMATION SHEET

Classification

Class:	Insecta
Order:	Diptera
Family:	Tipulidae
Subfamily:	Limoniinae
Tribe:	Eriopterini
Genus:	unknown
Common name:	crane-fly

Distinguishing Features

- Body golden, shiny (Fig. 1); gut shows through body wall as a dark band; length 5.8 mm.
- Spiracular disk with 5 lobes, blackened, the black patches divided by pale lines (Fig. 2).

Comments

Two species of Eriopterini were listed for Campbell Island by Harrison (1955) and Alexander (1955, 1962) – *Erioptera (Trimicra) pilipes* (Fabricius) and *E. (T.) brachyptera* (Alexander). *E. pilipes* is among the most widespread crane-flies in the world. Alexander (1962) included figures of the larva and pupa, whose habitat he described as “mud and wet earth along margins of ponds and streams”. The spiracular disk of the larva he figured lacks blackening and therefore is unlikely to be that of *E. pilipes*. Rather the disk resembles that of *Ormosia* figured by Merritt *et al.* (2008).

Original Description

N/A

References & Further Reading

- Alexander, C.P. 1955. The crane-flies of the Subantarctic islands of New Zealand (Diptera). *Records of the Dominion Museum* 2: 233–239
- Alexander, C.P. 1962. Insects of Macquarie Island. Diptera: Tipulidae. *Pacific Insects* 4 (4): 939–944.



FIGURE 1. Eriopterini whole animal



FIGURE 2. Eriopterini posterior spiracular disc

Harrison, R.A. 1955. Report on Diptera of Auckland and Campbell Islands. *Records of the Dominion Museum* 2: 205–231.

Merritt, R.W., Cummins, K.W., Berg, M.B. (eds) 2008. *Introduction to the Aquatic Insects of North America* (4th edition). Kendall/Hunt, Dubuque, Iowa.

How to Cite this Information Sheet

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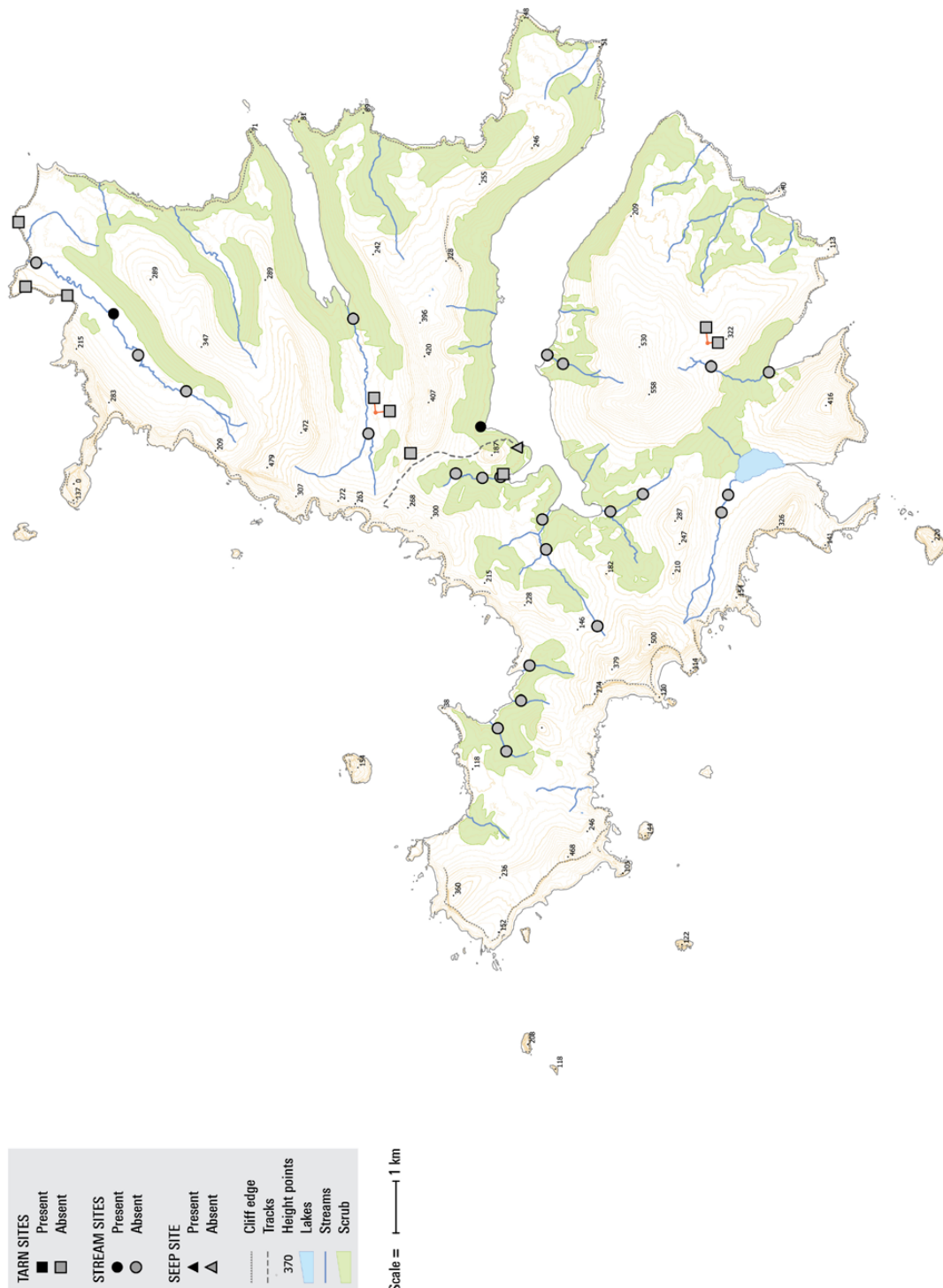
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Biogeographic Information

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

Eriopterini Distribution
CAMPBELL ISLAND
 December 2010–February 2011

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