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## *Didemnum vexillum* - New Zealand Coast Occurrences and Images

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#### Recent Observations

[Biochemistry](#)

#### First documented occurrence

Brian Coffey, December 2001. Reference: Coffey, B.T., 2001, Potentially invasive compound ascidian - Whangamata Harbour. Progress Report No. 1. Prepared for Waikato Regional Council, Hamilton.

#### First anecdotal occurrence

Merv Martin, Whangamata Harbour Master, Environment Waikato, October 2001

#### Taxonomic reference

*Didemnum vexillum* Kott, 2002

Kott, P., 2002, A complex didemnid ascidian from Whangamata, New Zealand: Journal of Marine Biology Association of the United Kingdom, v. 82, no. 4, p. 625-628. [description of *Didemnum vexillum*] [PDF format](#)

Kott, P., 2004, A new species of *Didemnum* (Ascidiacea, Tunicata) from the Atlantic coast of North America: Zootaxa, v. 732, p. 1-10. [description of *Didemnum vestum* and comparison with *D. vexillum* and *D. lahillei*] [PDF format](#)

## Colonization

### *Didemnum* Management Studies

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##### Apr. 21-22, 2005

#### Imagery of the

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#### Tunicate News/Information Invasive Species Websites

### Contributors & Other Sources

#### Contact Information

#### Other didemnid imagery

### USGS News Releases

*Text in gray (italic) indicates the topic has not been addressed to date.*

### Account of the appearance of *Didemnum vexillum* in New Zealand in 2001 and 2002

Coutts, A.D.M., 2002, A biosecurity investigation of a barge in the Marlborough Sounds: Cawthron Institute Report 744, 68 p. ([PDF format](#))

This report includes information on the infestation of the Steel Mariner barge by *D. vexillum*; images of the species; location maps; a report by P. Mather (Kott) on the identification of the didemnid; a survey of the didemnid on the barge and its spread to the seabed beneath it; and the potential risks posed by the spread of the species.

### Evaluation of methods for managing *Didemnum vexillum* in New Zealand.

Coutts, A., 2006, An evaluation of incursion response tools for invasive species: a case study of *Didemnum vexillum* in the Marlborough Sounds (New Zealand): Cawthron Institute Report 1093, 84 p. Prepared for Biosecurity New Zealand. ([PDF format](#))

### Websites with imagery and text

New Zealand Diving and Salvage Limited; barge infestation and cleanup procedure; *D. vexillum* image on barge bottom. ([PDF format](#))

New Zealand Diving and Salvage Limited (NZDS); barge infestation and cleanup procedure; same as report on the Cawthron website; (*D. vexillum* images; all are not identical to those in Cawthron Report No. 755). ([PDF format](#))

Cawthron Report No. 755, barge infestation and cleanup procedure; ([PDF format](#)) ; same as report on NZDS website; (*D. vexillum* images; all are not identical to those in the NZDS report).

### Websites with text only

Cawthron News, 2001, barge infestation. ([PDF format](#))

Cawthron News, 2002, barge infestation. ([PDF format](#))

### Images

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