



Woods Hole Science Center

WHSC Home Research Technology Publications Data People Basis Summaries Location Contact Us

[Back to Marine Nuisance Species](#)

Printable version in PDF format

Recent *Didemnum* Papers

INDEX

[Nuisance Species Home](#)

Occurrences & Images

- [British Columbia Coast](#)
- [California Coast](#)
- [France Coast](#)
- [Ireland Coast](#)
- [Japan Coast](#)
- [Netherlands Coast](#)
- [New England Coast](#)
- [New England Offshore/ Georges Bank](#)
- [New York Coast](#)
- [New Zealand Coast](#)
- [Wales Coast](#)
- [Washington Coast](#)
- [Worldwide Occurrences](#)

Recent research papers on *Didemnum* appeared in:

***Journal of Experimental Marine Biology and Ecology*, 2007, v. 342**

Proceedings of the 1st International Invasive Sea Squirt Conference. Robert B. Whitlatch and Stephan G. Bullard, editors.

Introduction to the Proceedings of the 1st International Invasive Sea Squirt Conference. Pages 1-2, Robert B. Whitlatch and Stephan G. Bullard.

Invasive sea squirts: A growing global problem. Pages 3-4, Gretchen Lambert.

Variation in the ability of *Didemnum* sp. to invade established communities. Pages 40-53, Richard W. Osman and Robert B. Whitlatch.

Distribution and long-term temporal patterns of four invasive colonial ascidians in the Gulf of Maine. Pages 61-68, Jennifer Dijkstra, Larry G. Harris and Erica Westerman.

The colonial ascidian *Didemnum* sp. A: Current distribution, basic biology and potential threat to marine communities of the northeast and west coasts of North America. Pages 99-108, S.G. Bullard, G. Lambert, M.R. Carman, J. Byrnes, R.B. Whitlatch, G. Ruiz, R.J. Miller, L. Harris, P.C. Valentine, J.S. Collie, et al.

Report new occurrences
to Page Valentine
at pvalentine@usgs.gov

[Recent research papers
on *Didemnum*](#)

Recent Observations

- [Biochemistry](#)
- [Colonization](#) **NEW**
- [Didemnum Management Studies](#)
- [Environmental Impacts](#)
- [Environmental Preferences and Controls](#)
- [Genetics](#)
- [Growth Rates and Patterns](#)
- [Overgrowth on Other Species](#)
- [Predation](#)
- [Reproduction-Larvae](#)
- [Substrate Preferences and Controls](#)
- [Taxonomy](#)
- [Toxicity](#)
- [Preparation of Ascidians for Taxonomy](#)

Links to Related Topics

- [International Invasive Sea Squirt Conference, PEI, Canada, Oct. 1-4, 2007](#)
- [Program with Abstracts \(PDF\)](#)
- [International Invasive Sea Squirt Conference, Woods Hole, MA, Apr. 21-22, 2005](#)
- [Imagery of the](#)

Ecological observations on the colonial ascidian *Didemnum* sp. in a New England tide pool habitat. Pages 109-121, Page C. Valentine, Mary R. Carman, Dann S. Blackwood and Erin J. Heffron.

Recent population expansions of non-native ascidians in The Netherlands. Pages 122-126, Adriaan Gittenberger.

Phylogenetic diversity of bacteria associated with ascidians in Eel Pond (Woods Hole, Massachusetts, USA). Pages 138-146, Elia Tait, Mary Carman and Stefan M. Sievert.

Benthic foraminifera associated with the invasive ascidian, *Didemnum* sp. A. Pages 147-153, Mary R. Carman.

Development and application of tools for incursion response: Lessons learned from the management of the fouling pest *Didemnum vexillum*. Pages 154-162, Ashley D.M. Coutts and Barrie M. Forrest.

Fragmentation of colonial ascidians: Differences in reattachment capability among species. Pages 166-168, Stephan G. Bullard, Betsy Sedlack, James F. Reinhardt, Carolyn Litty, Keith Gareau and Robert B. Whitlatch.

The role of colonial ascidians in altering biodiversity in marine fouling communities. Pages 169-171, Jennifer Dijkstra, Hillary Sherman and Larry G. Harris.

Effects of temperature on growth rates of colonial ascidians: A comparison of *Didemnum* sp. to *Botryllus schlosseri* and *Botrylloides violaceus*. Pages 172-174, Anna McCarthy, Richard W. Osman and Robert B. Whitlatch.

Water quality, nitrogen pollution, and ascidian diversity in coastal waters of southern Massachusetts, USA. Pages 175-178, Mary R. Carman, S.G. Bullard and J.P. Donnelly.

The occurrence of the colonial ascidian *Didemnum* sp. on Georges Bank gravel habitat - Ecological observations and potential effects on groundfish and scallop fisheries. Pages 179-181, Page C. Valentine, Jeremy S. Collie, Robert N. Reid, Rebecca G. Asch, Vince G. Guida and Dann S. Blackwood

Aquatic Invasions, 2007, v. 2(1)

Rapid coastal survey for targeted alien species associated with floating pontoons in Ireland. Pages 63-70. Dan Minchin.

University of Rhode Island, Master of Science thesis, 2007

An invasive tunicate, *Didemnum* sp. in Narragansett Bay, Rhode Island. 90 pages. Linda A. Auker.

Family *Didemnidae*

- [Environmental Impact of Tunicates](#)
- [Tunicate News/Information](#)
- [Invasive Species Web sites](#)

Contributors & Other Sources

- [Contact Information](#)
- [Other didemnid imagery](#)
- [USGS News Releases](#)

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

New Zealand Marine Farming Association, Inc. report, March 2007

Treatment methods used to manage *Didemnum vexillum* in New Zealand. 43 pages. Aaron Pannell and Ashley D.M. Coutts. Prepared for Biosecurity New Zealand. ([PDF format](#))

Rhode Island Naturalist, 2007, v. 14, no. 1, Summer 2007

Observations on the colonization of the invasive tunicate *Didemnum* sp. Pages 1-4. Linda A. Auker and Candace A. Oviatt. ([PDF format](#))

ICES Journal of Marine Science (Advance Access, January 31, 2008)

Factors influencing the recruitment and abundance of *Didemnum* in Narragansett Bay, Rhode Island. 5 pages. Linda A. Auker and Candace A. Oviatt. ([PDF format](#))

ICES Journal of Marine Science (Advance Access, April 8, 2008)

Development of a method to reduce the spread of the ascidian *Didemnum vexillum* with aquaculture transfers. 6 pages. C. M. Denny. ([PDF format](#))

NOAA Technical Memorandum NOS NCCOS 78, 2008

An integrated assessment of the continued spread and potential impacts of the colonial ascidian, *Didemnum* sp. A, in U.S. waters. 61 pages. Bryon A. Daley and Don Scavia. ([PDF format](#))

[Note: *D. sp. A* = *D. vexillum*]

Back to Top



To view files in PDF format, download free copy of Adobe Reader.

Accessibility FOIA Privacy Policies and Notices

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

URL: woodshole.er.usgs.gov/project-pages/stellwagen/didemnum/htm/recent.htm

Page Contact Information: [WHSC Webmaster](#)

Page Last Modified: Friday, 20-Feb-2009 16:35:45 EST

