

# **Woods Hole Science Center**

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**Back to Marine Nuisance Species** 

### Printable version in PDF format

# **Didemnum - New England Coast Occurrences and Images**

**NEW ENGLAND COAST LINKS:** Occurrences / Location Data / Regional

**Location Map** 

MAINE IMAGES: Cobscook Bay, ME / Cobscook Bay2, ME / Estes

Head, ME / Fort Island Narrows, ME / Thrumcap Island, ME / Long Island Ledges, ME / Wentworth

Point, ME

MASSACHUSETTS IMAGES: Boston Harbor, MA / Chatham, MA /

Oak Bluffs, MA / Orleans, MA / Osterville Grand Island, MA /

Provincetown, MA / Sandwich, MA / Sandwich Town Beach, MA / Sandy

Bay, MA / Stage Harbor, MA /

Strong Island, MA / Vineyard Haven, MA /

Wellfleet Harbor, MA / West Falmouth

Harbor, MA / Woods Hole (Eel Pond), MA / Woods Hole (Iselin

Dock), MA

**NEW HAMPSHIRE IMAGES:** Fort Point, NH / New Castle

Island, NH / Piscataqua River, NH

RHODE ISLAND IMAGES: Beavertail Point, RI / Fort Wetherill, RI

/ Narragansett, RI

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## Occurrences & Images

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- California Coast
- France Coast
- Ireland Coast
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- Netherlands Coast
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- New York Coast
- New Zealand Coast
- Wales Coast
- Washington Coast
- Worldwide Occurrences

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

#### First documented occurrence

Fort Island Narrows, Damariscotta River, Maine; July 19, 1993. *Didemnum* sp. colony living at 12 m (40 ft; at high tide) on a substrate of shell hash and gravel. Collected by I. Svane, C. Young, and T. Miller. Identified by G. Lambert, January 2004.

#### First anecdotal occurrence

A colonial tunicate resembling *D.* sp. has been observed on the dock pilings of the Darling Marine Center in Walpole, ME since 1988 (P. Yund, University of Maine) and since 1994 (R. Wahle, Bigelow Laboratories). Source: L. Harris.

A colonial tunicate resembling the species that was collected in Fort Island Narrows, Damariscotta River, Maine, in 1993 was observed there in 1988, source: T. Miller.

#### Web sites with imagery and text

MIT Sea Grant Marine Bioinvasions; Didemnum image and map of Massachusetts coastal occurrences.

University of Connecticut, Department of Marine Sciences, Team Benthos, Long-Term Epifaunal Population Dynamics See image of *Didemnum lutarium*? (possibly *D.* sp.)

#### Web sites with text only

MIT Sea Grant, 2003 Northeast Rapid Assessment Survey of invasive species, 2003. PDF format

Maine Today, Aug. 5, 2003; story on 2003 Northeast Rapid Assessment Survey of invasive species. PDF format

#### **Images**

- Cobscook Bay, Maine
- Cobscook Bay2, Maine
- Estes Head, Maine
- · Fort Island Narrows, Maine
- Long Island Ledges, Maine
- Thrumcap Island, Maine
- Wentworth Point, Maine

- 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 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.

- Boston Harbor, Massachusetts
- · Chatham Harbor, Massachusetts
- · Oak Bluffs, Massachusetts
- Orleans, Massachusetts
- Osterville Grand Island, Massachusetts
- Provincetown, Massachusetts
- Sandy Bay, Massachuseetts
- Sandwich Town Beach, Massachusetts
- Sandwich, Massachusetts
- Stage Harbor, Massachusetts
- Strong Island, Massachusetts
- · Vineyard Haven, Massachusetts
- Wellfleet Harbor, Massachusetts
- West Falmouth Harbor, Massachusetts
- · Woods Hole (Eel Pond), Massachusetts
- Woods Hole (Iselin Dock), Massachusetts
- Fort Point, New Hampshire
- New Castle Island, New Hampshire
- Piscataqua River, New Hampshire
- Beavertail Point, Rhode Island
- Fort Wetherill, Rhode Island
- · Narragansett, Rhode Island

#### **Location Information**

#### **Location data**

New England and Atlantic Canada regional map New England and Atlantic Canada, inset map A New England and Atlantic Canada, inset map B New England and Atlantic Canada, inset map C New England and Atlantic Canada, inset map D

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U.S. Department of the Interior | U.S. Geological Survey

URL: woodshole.er.usqs.gov/project-pages/stellwagen/didemnum/htm/page2.htm

Page Contact Information: WHSC Webmaster

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