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Didemnum sp. - New England Offshore Occurrences and Images

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First documented occurrence

Georges Bank; November, 2003; in a 6 sq mi area centered on 41 deg 58 min N lat, 67 deg 31 min W lon; water depth 48 m, (157 ft). Source: P. Valentine, J. Collie, R. Reid.

First anecdotal occurrence

According to a local fisherman (Matt Stommel of Woods Hole, Massachusetts, November 2003), an organism resembling *D. sp.* (and called "macaroni") has been encountered on the bank by fishermen for decades in small "holes" located several miles south of the November 2003 first documented occurrence. Fishermen report it to be mixed with heavy mud in their nets. No specimens of "macaroni" are available for study at this time (Nov. 2003). Note: Recent observations of *D. sp.* by researchers in the Pacific and Atlantic Ocean basins show it to be attached to hard substrates, never associated with mud or clay seabeds. Source: P. Valentine.

Websites with imagery and text

Note: Many, but not all, of the *D. sp.* images in the following press releases

- [France Coast](#)
- [Netherlands Coast](#)
- [Ireland Coast](#)
- [Worldwide Occurrences](#)

and stories are duplicated.

NOAA Fisheries News Online, Nov. 2003; Georges Bank story with *D. sp.* imagery and location map. [PDF format](#)

NOAA Fisheries/U.S. Geological Survey press release, Nov. 2003; Georges Bank story with *D. sp.* imagery. [PDF format](#)

NOAA Fisheries/U.S. Geological Survey press release, Nov. 2003; Georges Bank story with *D. sp.* imagery. [PDF format](#)

NOAA Fisheries/U.S. Geological Survey press release, Nov. 2003; Georges Bank story with *D. sp.* imagery; [PDF format](#).

U.S. Geological Survey press release, Nov. 2003; Georges Bank story with *D. sp.* imagery and location map. [PDF format](#)

Press Herald, Nov. 28, 2003; Georges Bank story with *D. sp.* imagery. [PDF format](#)

Websites with text only

Boston Globe, Nov. 21, 2003; Georges Bank story. [PDF format](#)

Portsmouth Herald, Nov. 24, 2003; Georges Bank story. [PDF format](#)

Standard Times, Nov. 28, 2003; Georges Bank story. [PDF format](#)

Images

- [Georges Bank](#)

Location Information

[Location data](#)

[Georges Bank regional map](#), yellow boxes show tunicate occurrences as of August, 2005.

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

References to papers on *Didemnum*

- *Biochemistry*
- [Colonization](#)
- [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](#)

- [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 Websites](#)

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

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URL: donnewdtxp.whsc.er.usgs.gov/drafts/PDF-project-pages/PDF-stellwagen/PDF-didemnum/htm/page6.htm

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