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Recent Observations on Environmental Preferences and Controls

Observation No. 1: Water temperature controls on invasive tunicates.

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Changing maximum and minimum water temperatures affect the recruitment and growth of invasive solitary (*Asciidiella aspersa*) and colonial (*Botrylloides violaceus* and *Diplosoma listerianum*) tunicates on the Connecticut coast of Long Island Sound. *Didemnum* sp. was not studied, but "during the last 3 years)a didemnid ascidian, previously unknown to the western Atlantic (G. Lambert, personal communication) has become established at our study locations." (see p. 15500)

Source

Stachowicz, J.J., Terwin, J.R., Whitlatch, R. B., and Osman, R.W., 2002, Linking climate change and biological invasions: ocean warming facilitates nonindigenous species invasions, *Proceedings of the National Academy of Sciences*, v. 99, no. 24, p. 15497-15500. ([PDF format](#))

Report new occurrences
to Page Valentine
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[Recent research papers
on *Didemnum*](#)

Recent Observations

- *Biochemistry*
- **Colonization** **NEW**
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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](#)
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Contributors & Other Sources

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

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URL: woodshole.er.usgs.gov/project-pages/stellwagen/didemnum/htm/page29.htm

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