Woods Hole Science Center

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Didemnum sp. - Sandwich Town Beach, Massachusetts, Images

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

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November 7, 2006

Image DB_STB_DSC3734.

Image DB_STB_DSC3734. Tunicate colony of *Didemnum* sp on gravel seabed. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3746.

Image DB_STB_DSC3746. Image DB_STB_DSC3746. Tunicate colony of *Didemnum* sp on gravel seabed overgrowing red algae. Note oral lobes at the openings of oral siphons. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3744.

Image DB_STB_DSC3744. Tunicate colony of *Didemnum* sp on gravel seabed. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3745.

Image DB_STB_DSC3745. Tunicate colony of *Didemnum* sp on gravel seabed. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.

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Image DB_STB_DSC3758.

Image DB_STB_DSC3758. Tunicate colony of *Didemnum* sp on gravel seabed. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS).Location no. 80.

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Image DB_STB_DSC3776.

Image DB_STB_DSC3776. Tunicate colony of *Didemnum* sp. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.

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Image DB_STB_DSC3774.

Image DB_STB_DSC3774. Tunicate colony of *Didemnum* sp. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3775.

Image DB_STB_DSC3775. Tunicate colony of *Didemnum* sp. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3770.

Image DB_STB_DSC3770. Tunicate colony of *Didemnum* sp. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3773.

Image DB_STB_DSC3773. Tunicate colony of *Didemnum* sp. Note oral lobes at the openings of oral siphons. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3793.

Image DB_STB_DSC3793. Tunicate colony of *Didemnum* sp. overgrowing gravel. Large openings are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3765.

Image DB_STB_DSC3765. Tunicate colonies of *Didemnum* sp overgrowing calcareous algae on gravel substrate. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3739.

Image DB_STB_DSC3739. Tunicate colony of *Diplosoma listerianum* overgrowing red algae on gravel seabed. Colony appears as a translucent film; small bluish-white dots represent granules of pigment surrounding zooids and cloacal apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.

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Image DB_STB_DSC3742.

Image DB_STB_DSC3742. Tunicate colony of *Diplosoma listerianum* overgrowing red algae on gravel seabed. Small bluish-white dots represent granules of pigment surrounding zooids and cloacal apertures. Large opening in center of image is a cloacal aperture; brown fecal pellets are visible exiting from cloacal cavity below aperture. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.

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Image DB_STB_DSC3741.

Image DB_STB_DSC3741. Tunicate colony of *Diplosoma listerianum* overgrowing red algae on gravel seabed. Small bluish-white dots represent granules of pigment surrounding zooids and cloacal apertures. Large opening is a cloacal aperture; brown fecal pellets are visible in cavity below aperture. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.

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Image DB_STB_DSC3766.

Image DB_STB_DSC3766. Tunicate colony of *Diplosoma listerianum*; small bluish-white dots represent granules of pigment surrounding zooids. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3761.

Image DB_STB_DSC3761. Tunicate colony of *Diplosoma listerianum* on gravel seabed overgrowing small colony of *Didemnum* sp. Small bluish-white dots represent granules of pigment surrounding zooids and cloacal apertures of *D. listerianum*. Large openings in both species are cloacal apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3762.

Image DB_STB_DSC3762. Tunicate colony of *Didemnum* sp (pale yellow) surrounded by colony of *Diplosoma listerianum*. Large openings on surface of *Didemnum* sp. are cloacal apertures; brown material in them is interpreted to be fecal matter in cavities below the apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3749.

Image DB_STB_DSC3749. Tunicate colonies of *Botryllus schlosseri* (center) and *Didemnum* sp (right) growing on algae. Zooids of *B. schlosseri* are arranged in star-like pattern. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3756.

Image DB_STB_DSC3756. Tunicate colonies of *Botryllus schlosseri* and *Didemnum* sp (top right) on gravel seabed. Two color morphs of *B. schlosseri* are present. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3784.

Image DB_STB_DSC3784. Tunicate colonies of *Botrylloides violaceus*. Note oral tentacles at openings of oral siphons; and new zooid buds within colonies and along margins of colonies. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3752.

Image DB_STB_DSC3752. Tunicate colonies of *Botrylloides violaceus* (red) being overgrown by colony of *Didemnum* sp. (pale yellow) on gravel seabed. Note in foreground a colony of *Diplosoma listerianum* (overgrowing *D.* sp.); small bluish-white dots represent granules of pigment surrounding zooids and cloacal apertures. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood (USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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Image DB_STB_DSC3751.

Image DB_STB_DSC3751. Tunicate colony of *Botrylloides violaceus* (red) surrounded by colony of *Didemnum* sp. (pale yellow) on gravel seabed. Note in foreground colonies of *Diplosoma listerianum*. Sandwich town beach (41 deg 46.11 min N lat, 70 deg 28.95 min W lon). Water depth 4 m. November 7, 2006. Observers: Dann Blackwood(USGS) and Sandra Baldwin (USGS). Photo credit: Dann Blackwood (USGS). Location no. 80.
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