

Buzzards Bay, MA; USA



Close-up terrestrial photograph of cobbles along a rock shoreline in the intertidal zone. Some barnacles attached to the rocks are visible. The field of view is approx. 1.5 meters.



General location map

CMECS Classification

Biogeographic Setting:

- Realm: Temperate North Atlantic
- Province: Cold Temperate Northwest Atlantic
- Ecoregion: Virginian

Aquatic Setting:

- System: Estuarine
- Subsystem: Coastal
- Tidal Zone: Intertidal

Water Column Component:

- Water Column Layer: Estuarine Coastal Upper Water Column
- Salinity Regime: Upper Polyhaline Water
- Temperature Regime: Slightly Cold Water

Geoform Component:

- Tectonic Setting: Passive Continental Margin
- Physiographic Setting: Embayment/Bay
- Geoform Origin: Geologic
- Level 1 Geoform: Cove
- Level 1 Geoform Type: Mainland Cove
- Level 2 Geoform: Beach
- Level 2 Geoform Type: Wave Dominated Beach

Substrate Component:

- Substrate Origin: Geologic Substrate
- Substrate Class: Unconsolidated Mineral Substrate
- Substrate Subclass: Coarse Unconsolidated Substrate
- Substrate Group: Gravel
- Substrate Subgroup: Cobble
- Co-occurring Element: Sand (< 20%)

Biotic Component

- Biotic Setting: Benthic/Attached Biota
- Biotic Class: Faunal Bed
- Biotic Subclass: Attached Fauna
- Biotic Group: Barnacles
- Biotic Community: *balanus balanoides* Communities
- Co-occurring Element: Mobile Gastropods: *Littorina littorea*.