

## **Breakwater Fort**

**50°20.03 N 04°08.87 W (GPS)**

**29/06/05, 19:00 – 14°C, 2-3m visibility**

### **Sea weed**

#### Brown (Phaeophyta)

None

#### Red (Rhodophyta)

Various **O**

False Irish moss – *Mastocarpus stellatus* **C**

#### Green (Chlorophyta)

None

### **Sponges**

Unidentified orange sponge **O**

Sea orange – *Suberites domuncula (fiscus)* **O**

### **Hydroids**

Hydroid – *Obelia geniculata* **C**

Sea beard – *Nemertesia antennina* **C**

Various **C**

### **Anemones and corals**

None

### **Soft corals**

Dead men's fingers – *Alcyonium digitatum* **C**

### **Sea fans and sea pens**

Pink sea fan – *Eunicella verrucosa* **C/P**

### **Jellyfish**

None

### **Worms**

Segmented worm – *Myxicola infundibulum* **C**

### **Barnacles**

None

### **Shrimps and prawns**

None

## **Crabs and lobsters**

None

## **Molluscs**

None

## **Gastropods and bivalves**

None

## **Scallops**

None

## **Nudibranchs**

Sea fan nudibranch – *Tritonia nilsodneri* **O**

## **Cephalopods (squid, cuttlefish, octopus)**

None

## **Bryozoans**

Sea-mat – *Membranipora membranacea* **C**

Various **C**

## **Starfish and brittlestars**

Spiny starfish – *Marthasterias glacialis* **O**

## **Urchins**

None

## **Sea cucumbers**

Cotton spinner – *Holothuria forskali* **R**

## **Sea squirts**

Leathery sea squirt – *Styela clava* **O**

Light bulb sea squirt – *Clavelina lepadiformis* **R**

Baked bean ascidian – *Dendrodoa grossularia*

## **Fishes**

Tompot blenny – *Parablennius gattorugine* **R/O**

Leopard-spotted goby – *Thorogobius ephippiatus* **R**

Goby species **O**

Goldsinny – *Ctenolabrus rupestris* **O**

Cuckoo wrasse – *Labrus bimaculatus* (*Labrus mixtus*) **O**

Ballan wrasse – *Labrus bergylta* **P**

Dragonet – *Callionymus lyra* **P**

**Birds and mammals**

None

**Others**

Animal turf (short and tall)

**Main habitat type**

1: Wreckage, other: Fort wall

2: Sand and gravel, mud (dominant), wreckage

**Seabed cover types**

1: Kelp forest, short animal turf, tall animal turf, mixed seaweeds

2: Kelp forest, sediment with life apparent.

**Anything unusual or noteworthy?**

1: Surveyed the fort wall, not the bottom

2: No

**Any litter or man-made objects?**

1: At the muddy bottom, but not surveyed.

2: Pottery, batteries, general boat wreckage, cables.

**Notes on sea fans**

1: Every other sea fan had sea slugs and eggs. Lots of larger sea fans were damaged. About 30 sea fans were observed. About 15 sea fans were seen of width 10cm, height > 20cm, feeding: yes, colour: pink, condition: 2, sea fan slug eggs: 1 per colony, sea fans slug adults: 1-2 per colony, and about 50% of these fans had sea slugs. A width 15cm, height > 30cm fan was also surveyed, feeding: yes, colour: pink, condition: 5, fouling species: cyano-bacteria + hydroids, as well as a sea fan < 2cm high, < 10cm wide, feeding: yes, colour: white.