Sound production and associated behaviours of benthic invertebrates from a coastal habitat in the Northeast Atlantic

Laura Coquereau, Jacques Grall, Laurent Chauvaud, Cédric Gervaise, Jacques Clavier, Aurélie Jolivet, Lucia Di Iorio

Université de Bretagne Occidentale, Institut Universitaire Européen de la Mer, Laboratoire des Sciences de l’Environnement Marin, UMR 6539, Rue Dumont D’Urville, 29280 Plouzané, France

laura.coquereau@univ-brest.fr

**Sound extracts from invertebrates – wave files**

**Title:** Athanas nitescens_snapping.wav  
**Description:** Snapping sound produced by the shrimp _Athanas nitescens_

**Title:** Crepidula fornicate-moving.wav  
**Description:** Acoustic signals recorded from _Crepidula fornicate_ doing regular movements of lifting and friction between shells of each other in a chain

**Title:** Echinus esculentus_feeding.wav  
**Description:** Sound produced by the sea urchin _Echinus esculentus_ during feeding behaviour

**Title:** Echinus esculentus_moving.wav  
**Description:** Sound produced by the sea urchin _Echinus esculentus_ during moving behaviour

**Title:** Maja brachydactyla_type 1.wav  
**Description:** Short acoustic pulse produced by the spider crab _Maja brachydactyla_. No relationship was established between the sound and a behaviour because, while emitted the sound, the individuals were immobile

**Title:** Maja brachydactyla_type 2.wav  
**Description:** Sound produced by the spider crab _Maja brachydactyla_ and composed of a series of acoustic signals. No relationship was established between the sound and a behaviour because, while emitted the sound, the individuals were immobile

**Title:** Maja brachydactyla_type 3.wav  
**Description:** Structured sound produced by the spider crab _Maja brachydactyla_ during feeding behaviour and composed of regular pulse sequences. The sound coincide with the animal tearing its food

**Title:** Pecten maximus_swimming.wav  
**Description:** Sound emitted when the great scallop _Pecten maximus_ was swimming