



BIAS

Biodiversity Inventorial Atlas of macrobenthic seamount animals

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Biodiversity Inventorial Atlas (BIAS) of macrofaunal associations from OASIS seamount study sites

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This image-based Biodiversity Inventorial Atlas refers to **Workpackage 3** (Task 3.3 Standing stock and distribution of benthos on and around seamounts) and to **Workpackage 4** (Task 4.2 Contribution to the understanding of Seamount diversity and zoogeography) of the EU-ESF project OASIS (Oceanic Seamounts: an integrated Study; EVK3-CT-2002-00073) and is handed in as **Deliverable 25**.

I. Macrofaunal aspects of OASIS study sites

Introduction

The BIAS (Biodiversity Inventorial Atlas) presents an image-based inventory of species that were recorded as members of the macrofaunal seamount community from the OASIS study sites.

Despite the lack of completeness, this inventory of seamount species represents an important compilation of data on the biodiversity of the OASIS study sites.

This deliverable consists of two main parts: (1) a complete taxonomic seamount species list (see II. Species inventory) with all figured species highlighted in blue colour, and, (2) the image-based BIAS, including information about the known distribution and the ecology of the reported species. In order to avoid misidentifications, experts have verified most of the identifications. The present BIAS is not meant to serve as a taxonomic identification manuscript for the figured species but as a first and comprehensive imagery combining scientific exploration and public outreach in the context of Seamount Biodiversity. BIAS reflects the magnitude of species biodiversity found on NE Atlantic Seamounts and provides insight into the faunal associations of the study sites.

Study sites

As main study sites, the OASIS consortium has chosen two seamounts in European waters, the Seine Seamount and the Sedlo Seamount. Both isolated seamounts are part of the N Atlantic Subtropical Gyre Province East (NASE). The two seamounts differ clearly in summit depth.

Sedlo Seamount located close to the Azores at 40°25'N / 26°55'W reaches a summit depth of 750 m, whereas the summit depth of Seine Seamount, off-Portugal at 33°50'N / 14°20'W, is about 170 m (Fig. 1).

Two additional study sites have been included in the present macrofaunal study. Namely these are the Ampère Seamount and the Gettysburg Seamount, both part of the Horseshoe-Seamount-Chain (Fig. 1). Both seamounts are rising up into the photic zone with summit depths of 59 m (Ampère Seamount) and 63 m (Gettysburg Seamount) respectively.

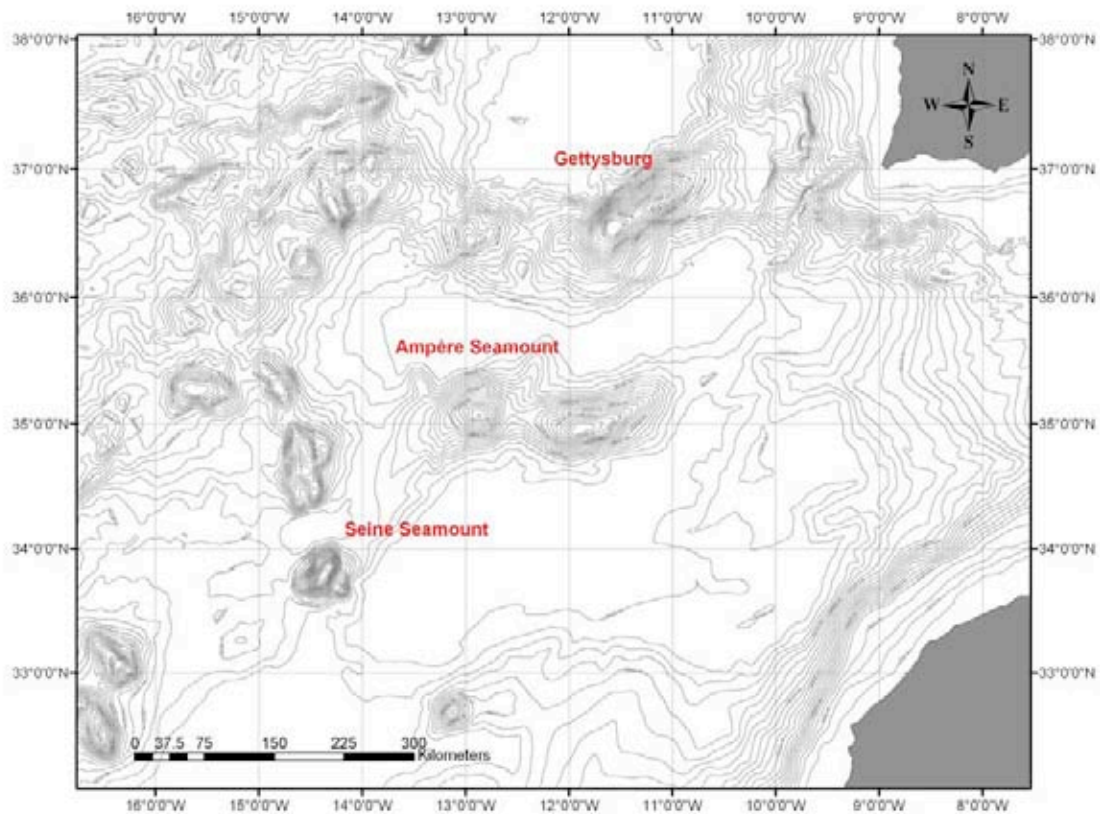


Fig. 1 Bathymetric map showing the Seine, Ampère and Gettysburg seamounts. Map by Anneleen Foubert. Source: GEBCO

Material and methods

For the present study sample material derived from several scientific cruises conducted with RV Meteor, RV Poseidon and RV Victor Hensen.

All samples were worked up under laboratory conditions. Further processing has been undertaken according to the standard processing protocol of the FAU group, in order to guarantee the best-most comparability of the different samples. All alive animals were sorted from the samples preserved in Ethanol. The remaining sediments have been air-dried and analysed for shell-bearing animals. Due to the fact that in the start-up phase of the OASIS project some of the available samples only consisted in air-dried sediments, a detailed analysis of the shell-bearing assemblage was undertaken. In addition to specimens caught alive, also specimens with remains of soft parts and specimens in good preservation are included in the inventory.

For some species the existing knowledge about their ecology and depth distribution allows to exclude their present-day presence at the study sites (e.g. *Littorina* cf. *littorea*, *Haliotis* cf. *coccinea* and *Patella ulyssiponensis*). Such species are attributed to a Late Pleistocene assemblage that was present at the study site during low sea-level stages. These species are nevertheless included in the BIAS inventory for reasons of palaeontological interest.

For reliable identification purposes, specimens have been compared with a voucher collection of seamount specimens during a visit at the Museum of Natural History of Sweden (SMNH), Stockholm under the guidance of Dr. Anders Warén and with the voucher collection from Seamount I+II cruises in the Musée national d'histoire naturelle (MNHN) in Paris (France) under the guidance of Dr. Serge Gofas. Dr. Björn Berning was so kind to help with bryozoan identifications. Dr. Sabine Stöhr (SMNH Stockholm, Sweden) helped with the identification of the ophiuroids. The large number of small-sized specimen complicated the identification process and made a detailed scanning electron microscopy (SEM) analysis obligatory. For these analyses, the Cam-Scan SEM of the IPAL in combination with a digital imagery system was used.

Some of the results of this SEM-analysis are included in the BIAS. Larger specimens have been photographed with a Zeiss-Stemi 2000-C[®] dissecting stereo binocular combined with a digital camera Olympus CC12[®] using the extended focal imaging function of the analySIS[®] software.

Only for very few large-sized specimens, an ordinary digital camera was used for documentation.

Main OASIS study sites Seine Seamount and Sedlo Seamount

From the results of the OASIS macrofauna study, a combined listing of the macrofaunal species recorded has been compiled. This first compilation sums to a total of 602 species (see II. Species inventory). The repartition of the reported species on the different higher taxa is shown in Table 1.

The reported number of species may be increased by further rigorous examination of some of the taxonomic groups listed, but represents nevertheless an important contribution to the knowledge about the macrobenthic fauna of NE Atlantic seamounts.

Sedlo Seamount

Sedlo Seamount has been visited by RV Meteor cruise M60/1 in summer 2003. Only 2 sampling stations were successful during that first OASIS cruise. Nevertheless, very characteristic taxonomic aspects in the composition of the recorded fauna are reported.

Phyla	All study sites	Seine Seamount	Sedlo Seamount	Ampère Seamount	Gettysburg Seamount
Porifera	25	25	*	*	*
Cnidaria	18	9	1	*	*
Annelida	21	21	*	*	
Sipunculida and Echiurida	2	2	*	1	1
Crustacea	29	29	*	1	1
Pycnogonida	2	2	*	1	*
Mollusca	427	269	45	243	155
Bryozoa	51	24	7	30	29
Brachiopoda	4	4	*	*	*
Echinodermata	23	23	1	2	2
species reported	602	408	54	278	189

Table 1 Numbers of macrofauna species of the major Phyla recorded at each OASIS study site (* data unavailable).

Altogether 54 species are listed for Sedlo Seamount (see II. Species inventory), this number is astonishingly high for the small amount of sample material. The fauna present on this seamount reflects well the oceanic setting close to the Mid-Atlantic Ridge and does only show very little overlap with species inventories from the Lusitanian seamounts. Several endemic species from the Mid-Atlantic Ridge are reported for the first time on Sedlo Seamount. *Pseudorimula midatlantica*, *Alvania stenolopha* and *Neusas marshalli* are the most spectacular of them. For *Neusas marshalli* and *Alvania stenolopha* this is the third finding ever. Warén (2001) reports both species from the

Menez Gwen hydrothermal vent field and speculates if they are members of the vent fauna. The present findings seem to exclude a close relation with hydrothermal vents. Another remarkable species is *Amphirissoa cyclostomoides* that has been reported only from the type locality, a station of the MONACO expedition from the Azores (st 703, 39°11'N/29°06'W, 1.600m; Bouchet & Warén 1993).

The even abundances of the reported species are pointing to a much higher number of species present on Sedlo Seamount. The species found in common with the Lusitanian seamounts are exclusively deep-water species with a widespread distribution in the NE Atlantic

Seine Seamount

The benthos of Seine Seamount has been intensely sampled during several scientific cruises of RV Meteor, RV Poseidon and RV Victor Hensen (pre-OASIS). The analysis of this sample material reports 408 species of invertebrate macrofauna from Seine Seamount (see II. Species inventory). The by far dominating group is the Mollusca with 269 species found. Other important groups are crustaceans, echinodermites, bryozoans, annelids and sponges.

As the limit of the photic zone in the work area is supposed to be at 130-150 m water-depth, the summit plateau of Seine Seamount at around 170 m water depth does not receive sufficient light to allow extended algal growth. During Poseidon POS 322 cruise only few live coralline algae from the top plateau of Seine Seamount were found.

These algae have to be considered as exceptional on Seine Seamount, as large volumes of coarse-grained sediment consist of dead corallinacean gravels. These dead algal remains are attributed to a Late Pleistocene setting at the study site during low sea-level stages when the summit plateau of Seine Seamount reached the photic zone.

The species composition of the most frequent molluscs in the dead-assembly on Seine Seamount seems to imply a mixed occurrence of fossil and recent species.

The detailed study on the samples from Meteor M60 and POS 309 and POS 322 cruises confirmed this hypothesis. Even in the very large quantity of sediment from EBS (epibenthic sledge), 80ft ottertrawl and 2m-beamtrawl no living specimens of the most

characteristic members of the shallow seamount association, as described for the comparison sites (see below), have been found. In this particular setting the analysis of the dead-assemblage is not reflecting the actual fauna.

Bittium latreillei belongs together with two of the most frequently found gastropods (*Jujubinus exasperatus* and *Acmaea virginea*) to the shallow-water fauna described from the comparative sites. Like other species from Seine Seamount they are herbivorous on algae and might thus have to be excluded from the inventory of the Seine Seamount fauna.

The tube-living polychaete *Hyalinoecia tubicola* was one of the most striking faunal characteristics of the summit plateau fauna, where it occurs in great abundance. Closely associated to this species is one of the most common gastropods, *Lepetella laterocompressa*, which feeds on the tubes of *Hyalinoecia tubicola* (Dantart & Luque 1994).

The dominant molluscan species of Seine Seamount are the bivalve species *Limopsis* spp. (*L. minuta*, *L. aurita* and *L. friedbergi*). All three *Limopsis* species are typical inhabitants of the upper continental slope/upper bathyal zone. A large number of living specimens was found to occur on the summit plateau. Another upper bathyal species *Clelandella dautzenbergi*, an endemic species to the Lusitanian seamounts (Gofas 2005) is also present in the samples and characterises together with the cited *Limopsis* species the molluscan fauna of the summit plateau at Seine Seamount. Other typical members of this association are *Japonacteon pusillus*, *Orania fusulus*, *Cytharomorula grayi*, *Kaiparapelta askewi*, *Gofasia josephinae* and *Alvania adinogramma*.

This recent mollusc assemblage revealed several species with a very restricted distributional range, for example *Alvania adinogramma*, *Gofasia josephinae*, *Benthonellania fayalensis*, *Alvania* cf. *porcupinae* and *Manzonia* sp. nov. With *Manzonia* sp. nov. and *Bathysciadium* sp. nov. two species new to science are reported for Seine Seamount that have also been identified from samples from Ampère Seamount. Proper taxonomic descriptions of these newly discovered species are underway. For reliable identification purposes, specimens have been compared with the voucher collections of MNHN and SMNH.

It is noteworthy to precise that the endemic species mentioned above, with the exception of *Bathysciadium* sp. nov., are frequently occurring in large numbers. They are

apparently reflecting well-established populations on the Lusitanian seamounts.

Additional study sites

For a better understanding of the seamount biodiversity and zoogeography sample material from two other Seamounts off the coast of Portugal have been included. As mentioned above, these are from the northern part of the Horseshoe-Seamount-Chain the Gettysburg Seamount and from the southern part of the Horseshoe-Seamount-Chain the Ampère Seamount, separated from Gettysburg Seamount by the Horseshoe Trough. The three Seamounts retained here are aligned between Portugal and Madeira Island; Ampère Seamount is located almost halfway between the two other Seamounts (Fig. 1).

The taxonomic analysis of the three study sites in the area of the Lusitanian seamounts resulted in 573. For the main OASIS study site, the Seine Seamount, 408 species are reported (see II. Species inventory). The additional study sites Ampère and Gettysburg seamounts are represented with 278 and 189 reported species respectively. For Gettysburg Seamount only information about the molluscs is available.

Gettysburg Seamount

For the comparison study on the biodiversity of Gettysburg Seamount, 15 grab samples (Van-Veen grabs) from limited water depth ranging from 63 m down to 607 m taken during RV Victor Hensen cruise VH-97 have been analysed. After the visit to MNHN (Paris) and access to the voucher collection, 189 species in total could be identified for the Gettysburg Seamount. For a detailed species list see the attached spreadsheet (see II. Species inventory).

Aside few other invertebrates, 155 molluscan species are reported. 103 benthic gastropods, 48 bivalves, 2 scaphopods and 1 monoplacophoran as well as 1 polyplacophoran have been found. 6 species endemic to the seamounts of the Horseshoe-Seamount-Chain were identified. In addition to well-known species, 4 Gastropod species are new to science. Some species have been attributed to a Late Pleistocene fauna. These mainly gastropod species represent a shallow-water assemblage, nowadays only present from the shoreline down to some 10 m, like for example *Littorina cf. littorea*, *Haliotis cf. coccinea* and *Patella ulyssiponensis*. Due to the

large number of samples, two depth-related mollusc associations can be distinguished. For the shallower areas of Gettysburg Seamount a typical association of mostly algivorous gastropods and some shallow infaunal bivalves is characteristic. In all the samples from water-depth of 63 to 159 m the by far most abundant species are *Bittium latreillei* (Gastropoda), *Jujubinus exasperatus* (Gastropoda) and *Gouldia minima* (Bivalvia). Together with many other gastropods from that association, *B. latreillei* and *J. exasperatus* are herbivorous on algae.

A deep-water association with typical bathyal species like *Limopsis aurita*, *Amphissa acuticostata*, *Arca aspera* and *Bathyarca pectunculoides* is reported from 310 to 607 m. Further a large number of other deep-bathyal species are to be expected below 600 m.

Ampère Seamount

For the present study about the biodiversity of the Mollusca on Ampère Seamount 11 grab samples from 110 m down to 800 m water depth were analysed. From these samples 278 invertebrate species have been identified. Altogether 243 molluscs: 191 benthic gastropods, 48 bivalves, 2 scaphopods, 1 polyplacophoran and 1 monoplacophoran have been found (see II. Species inventory). Some species could be reported for the first time from the Horseshoe-Seamount-Chain area. Up to 10 species are most probably new to science. The study of the material from Ampère Seamount documents an increase in diversity with increasing water depth. Several typical, depth related assemblages are defined. The shallowest stations of the Ampère Bank are showing a similar association as reported for the summit area of Gettysburg Seamount. Once again the dominant species are herbivorous gastropods as *Bittium latreillei* and *Jujubinus exasperatus* and *Acmaea virginea* (Fretter and Graham 1976; Basso 1992). The gastropod family Rissoidae, is represented by several species present in high abundances. Some of these rissoid species like for example *Gofasia josephinae* and *Manzonina* sp. nov. are only known from a very restricted area off Portugal (Bouchet and Warén 1993; pers.com. Dr S. Gofas).

Overall Comparison

Species new to science

From the 602 species reported from the OASIS study sites, 19 species, all molluscs, are new to science. Extensive comparison with seamount voucher specimen collections in Paris (MNHN) and Stockholm (SMNH) have been carried out and confirmed the status of these species. 17 gastropods and 2 bivalves are listed as sp. nov. For one of the gastropods a new genus will have to be erected. 8 of these gastropods new to science belong to the family of Rissoidae (Mesogastropoda). This group is actually under revision by Dr. Serge Gofas from the University of Malaga. In addition to specimens gathered on the French SEAMOUNT I + II cruises also specimens from OASIS cruises M60/1 and POS 309 have been assigned as type material for the species descriptions actually undertaken by Dr. Gofas.

Endemic species

Altogether 23 species found during the OASIS study have shown to be endemic species. For some of them it is not finally assured whether they are really endemic species or not. *Bathysciadium* sp.nov. and *Cocculina* sp.nov. are reported here for the first time and thus listed among the endemic species. Due to their ecology, feeding on cephalopod beaks and other organic substrate, it cannot be excluded that they have a widespread but very scattered distribution in deep-water of the NE Atlantic. For the rissoid and the scissurellid species their endemic distribution seems to be assured by the extensive comparison at MNHN and SMNH. It remains uncertain if all these species are only restricted to the seamounts where they have been sampled during the OASIS project.

Biogeographical aspects

The fauna reported from Sedlo Seamount is dominated by a number of taxa clearly characterising a close affinity to typical fauna of the Mid-Atlantic Ridge area.

In contrast to that, the fauna reported from the three Lusitanian seamounts studied during the OASIS project is belonging to a Mediterranean-Atlantic fauna in the sense of Ekman (1935).

A very large number of species are characteristic for this faunal province, such as the crustaceans *Parthenope miersi*, *Calappa granulata* and *Ebalia tuberosa*, or the gastropod *Charonia lampas* and the bivalve *Pteria hirundo*.

Only for the main OASIS study site Seine Seamount there is also another influence to recognize. Some very characteristic species of the Seine Seamount fauna imply an influence of faunal elements belonging to a typical Western African fauna. First of all large growing species of tonnoidean gastropods like *Bursa marginata*, *Semicassis saburon* and *Distorsio perdistorta* showed to occur in well-established populations on Seine Seamount and were caught with several specimens.

These three species are common Western African species and are very rarely found else in the NE Atlantic with the exception of the Canary Islands (Gofas & Beu 2002; Ardovini & Cossignani 2004). Also the presence of large numbers of specimens of *Cytharomorula grayi* and *Orania fusulus* are evidence of a clear Western African influence (Ardovini & Cossignani 2004).

Discussion

Based on the present study several homologies between Seine Seamount, Gettysburg Seamount and Ampère Seamount could be recognized, whereas the fauna reported from Sedlo Seamount showed to be clearly different in species composition. A typical species assemblage reported from the summit areas of all study sites dominated by algivorous gastropods can be generalised. This assemblage is characterised by some very abundant herbivorous gastropod species and few bivalve species with a more shallow depth range (e.g. *Gouldia minima*). On Ampère and Gettysburg seamounts this assemblage is supposed to be the actual assemblage, whereas on Seine Seamount it only reflects a fossil assemblage of a Late Pleistocene sea-level low stand.

On Seine Seamount this fossil assemblage is amalgamated with a modern assemblage characterised by species such as the polychaete *Hyalinoecia tubicola*, the bivalves *Limopsis* spp. and the gastropod species *Japonacteon pusillus*, *Clelandella miliaris*, *Orania fusulus*, *Gofasia josephinae* etc. Between the samples from the shallower

summit plateau and samples from water depths beyond 400 m, a clear transition to a more bathyal bivalve-dominated fauna is notified.

It has to be emphasized that there is an important overlap in species composition between the seamounts of the Horseshoe-Seamount-Chain and Seine Seamount. Many characteristic seamount species like *Alvania adinogramma* and *Gofasia josephinae* are common on all 3 sites.

On the other hand some differences have been noticed.

With *Cytharomorula grayi* a typical Western African species has been recorded from Seine Seamount. This species is known to occur also near Madeira and the Canaries (Ardevini & Cossignani 2004). The present record seems to mark the distributional limit of that species; it does not reach the seamounts of the Horseshoe-Seamount-Chain. A close relatedness of the Seine Seamount fauna with typical West African fauna is also sustained by the presence of the tonnoidean gastropods *Bursa marginata* and *Phalium saburon*.

The above-mentioned undescribed *Manzonina* species are well represented by several specimens on the different seamounts, but do not necessarily occur on all studied Lusitanian seamounts. The pseudococculinid gastropod *Kaiparapelta askewi* is present on Seine and Ampère seamounts but not on Gettysburg Seamount. The current regime in the Horseshoe Trough area seems to limit their distributional range.

Another undescribed species present on Gettysburg and Ampère seamounts is *Krachia* sp. nov. It has not been found on Seine Seamount.

Species with a mainly Mediterranean distribution like *Alvania zylensis* are witnessing for a direct Mediterranean influence on the Ampère and Gettysburg seamounts, whereas such an influence is not obvious on Seine Seamount.

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II Species inventory

Species list of macrobenthic fauna reported from Seine, Sedlo, Ampère and Gettysburg Seamount, illustrated species are highlighted in blue

Species list of macrobenthic fauna reported from Seine, Sedlo, Ampère and Gettysburg Seamount

Phylum Porifera

Class Calcarea			Seine	Sedlo	Amp	Getty
Order	Family	Species				
Sycettida	Sycettidae	<i>Sycon</i> sp.	x			
		gen. et spec. indet.	x			
Class Demospongia			Seine	Sedlo	Amp	Getty
Order	Family	Species				
Axinellida	Axinellidae	gen. et spec. indet.1	x			
		gen. et spec. indet.2	x			
		gen. et spec. indet.3	x			
		gen. et spec. indet.4	x			
		gen. et spec. indet.5	x			
		gen. et spec. indet.6	x			
		gen. et spec. indet.7	x			
		gen. et spec. indet.8	x			
		gen. et spec. indet.9	x			
		gen. et spec. indet.10	x			
		gen. et spec. indet.11	x			
		gen. et spec. indet.12	x			
		gen. et spec. indet.13	x			
		gen. et spec. indet.14	x			
		gen. et spec. indet.15	x			
		gen. et spec. indet.16	x			
		gen. et spec. indet.17	x			
		gen. et spec. indet.18	x			
		gen. et spec. indet.19	x			
		gen. et spec. indet.20	x			
		gen. et spec. indet.21	x			
		gen. et spec. indet.22	x			
Axinellida	Axinellidae	<i>Axinella</i> sp.	x			

Phylum Cnidaria

Class Hydrozoa			Seine	Sedlo	Amp	Getty
Order	Family	Species				
	Eudendriidae	<i>Eudendrium</i> sp. 1	x			
	Hydractiniidae	<i>Hydractinia echinata</i> (Fleming, 1828)	x			
		gen. et spec. indet.1				
	Campanulariidae	gen. et spec. indet.2				
		Sertulariidae	<i>Diaphasia alata</i> Hincks, 1855	x		
		gen. et spec. indet.1				
		gen. et spec. indet.2				
		Plumulariidae	gen. et spec. indet.3			
			gen. et spec. indet.4			
			gen. et spec. indet.1			
gen. et spec. indet.1						
Class Anthozoa			Seine	Sedlo	Amp	Getty
Order	Family	Species				
Zoanthidea	Zoanthidae	<i>Epizoanthus</i> cf. <i>papillosus</i> (Johnston, 1842)	x			
		<i>Epizoanthus</i> sp.	x			
Scleractinia		<i>Fungiacyathus</i> sp.		x		
Actinaria		gen. et spec. indet.1	x			
		gen. et spec. indet.2	x			
		gen. et spec. indet.3	x			
		gen. et spec. indet.4	x			

Phylum Annelida

Class Polychaeta

Order	Family	Species	Seine	Sedlo	Amp	Getty	
	Aphroditidae	<i>Aphrodite aculeata</i> Linnaeus, 1761	x				
		<i>Harmothoe</i> sp.	x				
		gen. et spec. indet.1	x				
		gen. et spec. indet.2	x				
		gen. et spec. indet.3	x				
		gen. et spec. indet.4	x				
		gen. et spec. indet.	x				
		Capitellidae	gen. et spec. indet.	x			
		Chaetopteridae	<i>Chaetopterus variopedatus</i> (Renier, 1804)	x			
		Nereidae	gen. et spec. indet.1	x			
	gen. et spec. indet.2		x				
	Eunicidae	<i>Eunice</i> sp.	x				
		<i>Hyalinoeca tubicola</i> (O.F. Müller, 1776)	x				
		gen. et spec. indet.	x				
	Pectinariidae	gen. et spec. indet.	x				
	Terebellidae	gen. et spec. indet.	x				
	Serpulidae	gen. et spec. indet.1	x				
		gen. et spec. indet.2	x				
		gen. et spec. indet.3	x				
		gen. et spec. indet.4	x				
gen. et spec. indet.5		x					
Spirorbidae	<i>Spirorbis</i> sp.	x			x		

Phylum Sipunculids and Echiurids

Order	Family	Species	Seine	Sedlo	Amp	Getty
Golfingiida	Phascolionidae	<i>Phascolion strombi</i> (Montagu, 1804)	x		x	x
Bonelliida	Bonelliidae	<i>Bonellia viridis</i> Rolando, 1821	x			

Phylum Crustacea

Order	Family	Species	Seine	Sedlo	Amp	Getty
Thoracica	Scalpellidae	<i>Scalpellum</i> sp.	x			
	Verrucidae	<i>Verruca stroemia</i> (Müller, 1776)	x		x	x
	Balanidae	gen. et spec. indet.1	x			
gen. et spec. indet.2		x				
Isopoda	gen. et spec. indet.1	x				
	gen. et spec. indet.2	x				
	gen. et spec. indet.3	x				
	gen. et spec. indet.4	x				
Decapoda	gen. et spec. indet.1	x				
	gen. et spec. indet.2	x				
	gen. et spec. indet.3	x				
	gen. et spec. indet.4	x				
	gen. et spec. indet.5	x				
	gen. et spec. indet.6	x				
	Diogenidae	<i>Dardanus arrosor</i> (Herbst, 1796)	x			
		<i>Dardanus calidus</i> (Risso, 1827)	x			
		<i>Diogene pugilator</i>	x			
	Paguridae	<i>Pagurus excavatus</i> (Herbst, 1791)	x			
		<i>Paguristes oculatus</i> Fabricius, 1775	x			
	Dorippidae	<i>Ethusa mascarone</i> (Herbst, 1785)	x			
	Calappidae	<i>Calappa granulata</i> (Linnaeus, 1758)	x			
	Leucosiidae	<i>Ebalia tuberosa</i> (Pennant, 1777)	x			
		<i>Ebalia</i> sp.	x			
	Parthenopidae	<i>Parthenope</i> cf. <i>miersi</i> (Milne-Edwards & Bouvier, 1898)	x			
<i>Parthenope</i> sp.		x				
Maiidae	<i>Inachus dorsettensis</i> (Pennant, 1777)	x				
	<i>Inachus</i> sp.	x				
	<i>Macropodia</i> sp.	x				
Latreilliidae	<i>Latreillia elegans</i> Roux, 1830	x				

Phylum Pycnogonida

Order	Family	Species	Seine	Sedlo	Amp	Getty
		gen. et spec. indet.1	x			
		gen. et spec. indet.2	x			

Phylum Mollusca

Class Monoplacophora

Order	Family	Species	Seine	Sedlo	Amp	Getty
	Neopilinidae	<i>Veleropilina zogرافي</i> (Dautzenberg & Fischer H., 1896)	x			x
		<i>Rokopella</i> sp.	x			
		Neopilinidae gen. et spec. indet	x		x	

Class Polyplacophora

Order	Family	Species	Seine	Sedlo	Amp	Getty
Lepidopleurida	Acanthochitoninae	<i>Acanthochitona fascicularis</i> (Linné, 1767)	x			
	Isnochitonidae	<i>Lepidochitona caprearum</i> (Scacchi, 1836)	x			
	Leptochitonidae	<i>Leptochiton</i> sp.	x			
	Chitonidae	<i>Chiton corallinus</i> (Risso, 1826)			x	x

Class Gastropoda

Order	Family	Species	Seine	Sedlo	Amp	Getty
Docoglossa	Acmaeidae	<i>Tectura virginea</i> (Müller O.F., 1776)	x		x	x
	Lepetidae	<i>Propilidium exiguum</i> (Thompson W., 1844)			x	
		<i>Propilidium</i> sp.		x		
		<i>Bogia labronica</i> (Bogi, 1984)	x			
	Patellidae	<i>Ansates pellucida</i> (Linné, 1758)				x
		<i>Patella ulyssiponensis</i> Gmelin, 1791				x
Cocculiniformia	Cocculinidae	<i>Cocculina</i> sp. nov.			x	
	Bathysciadiidae	<i>Bathysciadium</i> sp. nov.	x		x	
		<i>Bathysciadium</i> sp.		x		
	Lepetellidae	<i>Lepetella laterocompressa</i> (de Rayneval & Ponzi, 1854)	x		x	x
	Addisonidae	<i>Addisonia excentrica</i> (Tiberi, 1855)	x			
	Pseudococculinidae	<i>Kaiparapelta askewi</i> McLean & Harasewych, 1995	x		x	
Vetigastropoda	Fissurellidae	<i>Emarginula tenera</i> Locard, 1892			x	x
		<i>Emarginula huzardii</i> Payraudeau, 1826	x		x	x
		<i>Emarginula fissura</i> (Linné, 1758)	x		x	x
		<i>Emarginula adriatica</i> Costa O.G., 1829			x	x
		<i>Emarginula crassa</i> Sowerby J., 1813	x			
		<i>Emarginula multistriata</i> Jeffreys, 1882	x			x
		<i>Emarginula</i> sp. nov.			x	
		<i>Zeidora naufraga</i> Watson, 1883				x
		<i>Diodora graeca</i> (Linné, 1758)			x	
		<i>Rimula granulata</i> Seguenza G., 1862	x	x	x	
		<i>Profundisepta profundi</i> (Jeffreys, 1877)	x			
		<i>Cranopsis asturiana</i> (Fischer P., 1882)	x			x
		<i>Cornisepta crossei</i> (Dautzenberg & Fischer H., 1896)	x	x	x	
		<i>Cornisepta rostrata</i> (Seguenza G., 1862)	x	x		
		<i>Fissurisepta granulosa</i> Jeffreys, 1883	x			x
	Scissurellidae	<i>Anatoma aspera</i> (Philippi, 1844)	x	x	x	
		<i>Anatoma umbilicata</i> (Jeffreys, 1883)	x		x	
		<i>Anatoma</i> sp.	x			
		<i>Sukashitrochus</i> sp. nov.			x	x
		<i>Scissurella</i> sp. nov.	x		x	
	Trochoidae	<i>Jujubinus exasperatus</i> (Pennant, 1777)	x		x	x
		<i>Jujubinus montagui</i> (Wood W., 1828)	x			
		<i>Clelandella dautzenbergi</i> Gofas, 2005	x		x	x
		<i>Gibbula magus</i> (Linné, 1758)			x	x
		<i>Gibbula umbilicalis</i> (da Costa, 1778)			x	
		<i>Calliostoma hirondellei</i> Dautzenberg & Fischer H., 1896	x		x	x
		<i>Calliostoma leptophyma</i> Dautzenberg & Fischer H., 1896	x			x
		<i>Calliostoma lithocolletum</i> Dautzenberg, 1925	x			
		<i>Danilia tinei</i> (Calcara, 1839)	x		x	
		<i>Calliotropis otto</i> (Philippi, 1844)				
		<i>Solariella</i> sp.		x		
		<i>Margarites</i> sp. 1		x		
					x	

Class Gastropoda (continued)

Order	Family	Species	Seine	Sedlo	Amp	Getty
		<i>Margarites</i> sp. 2			x	
	Trochidae?	<i>Trochus laminarum</i> Jeffreys, 1883		x	x	
	Pendromidae	<i>Rugulina fragilis</i> (Sars, 1887)	x			
	Skeneidae	<i>Adeomphalus ammoniformis</i> Seguenza G., 1876	x			x
		<i>Akritogyra</i> sp.			x	
		<i>Akritogyra similis</i> (Jeffreys, 1883)	x			
		<i>Anekes paucistriata</i> Warén, 1992	x		x	x
		<i>Anekes giustii</i> Bogi & Nofroni, 1989	x			
		<i>Anekes sculpturata</i> Warén, 1992	x		x	
		<i>Anekes</i> sp. 1		x	x	
		<i>Anekes</i> sp. 2				
		<i>Cirsonella romettensis</i> (Granata-Grillo, 1877)	x		x	x
		<i>Cirsonella</i> sp.	x	x		
		<i>Dikoleps nitens</i> (Philippi, 1844)	x			
		<i>Dikoleps cutleriana</i> (Clark W., 1848)	x			
		<i>Dikoleps</i> sp.			x	x
		<i>Granigyra pruinosa</i> (Jeffreys, 1883)			x	x
		<i>Granigyra granulifera</i> Warén, 1992	x			
		<i>Granigyra</i> sp.	x			
		<i>Lissomphalia bithynoides</i> (Monterosato, 1880)	x		x	
		<i>Lissotesta minima</i> (Seguenza G., 1876)	x		x	x
		<i>Lissotesta gittenbergeri</i> (van Aartsen & Bogi, 1988)	x	x	x	
		<i>Lissotesta turrata</i> (Gaglini, 1987)			x	
		<i>Moelleriopsis normani</i> (Dautzenberg & Fischer H., 1897)	x		x	
		<i>Moelleriopsis messanensis</i> (Seguenza G., 1876)	x		x	
		<i>Moelleriopsis</i> sp.		x		
		<i>Xyloskenea naticiformis</i> (Jeffreys, 1883)	x			
		<i>Trenchia</i> sp. nov.	x	x	x	
	Skeneidae?	<i>Cithna cincta</i> Jeffreys, 1883			x	
	Lepetodrilidae	<i>Pseudorimula midatlantica</i> McLean, 1992		x		
	Seguenziidae	<i>Basilissopsis watsoni</i> Dautzenberg & Fischer H., 1898	x		x	
		<i>Basilissopsis</i> sp.	x		x	
		<i>Basilissa</i> sp.	x			
		<i>Ancistrobasis reticulata</i> (Philippi, 1844)		x		
	Trochaclidae	<i>Trochaclis</i> sp. nov.			x	x
	Cyclostrematida	<i>Vetulonia cancellata</i> (Jeffreys, 1883)	x		x	
	Turbinidae	<i>Bolma rugosa</i> (Linné, 1767)			x	x
		<i>Cantrainea globuloides</i> (Dautzenberg & Fischer H., 1896)	x		x	
	Haliotidae	<i>Haliotis tuberculata coccinea</i> Reeve, 1846			x	x
Caenogastropoda	Cerithiidae	<i>Bittium latreillii</i> (Payraudeau, 1826)			x	x
		<i>Bittium watsoni</i> (Jeffreys, 1885)			x	
	Litiopidae	<i>Litiopa cf. melanostoma</i> Rang, 1829			x	
	Triphoridae	<i>Marshallora adversa</i> (Montagu, 1803)			x	x
		<i>Cosmotriphora pseudocanarica</i> Bouchet, 1985			x	x
		<i>Obesula marisnostris</i> Bouchet, 1985				x
		<i>Metaxia metaxae</i> (Delle Chiaje 1828)				x
		<i>Strobiligera brychia</i> (Bouchet & Guillemot, 1978)	x			x
		<i>Cheirodonta pallescens</i> (Jeffreys, 1867)				x
		Triphoridae gen. et spec. indet.	x		x	x
	Cerithiopsidae	<i>Cerithiella metula</i> (Lovén, 1846)	x		x	
		<i>Cerithiopsis tubercularis</i> (Montagu, 1803)				x
		<i>Cerithiopsis diadema</i> Monterosato, 1874				x
		<i>Cerithiopsis minima</i> (Brusina, 1865)				x
		<i>Cerithiopsis</i> sp.			x	
		<i>Eumetula bouvieri</i> (Dautzenberg & Fischer H., 1896)			x	x
		<i>Krachia tiara</i> (Monterosato, 1874)			x	
		<i>Krachia</i> sp.			x	
		<i>Krachia</i> sp. nov.			x	x
		Cerithiopsidae gen. et spec. indet. 1			x	
		Cerithiopsidae gen. et spec. indet. 2			x	
	Aclididae	<i>Aclis sarsi</i> Dautzenberg & Fischer H., 1912			x	x
		<i>Aclis</i> sp.	x		x	
		<i>Costaclis mizon</i> (Watson, 1881)	x		x	
	Epitoniidae	<i>Epitonium clathratulum</i> (Kanmacher, 1798)			x	x
		<i>Epitonium tiberii</i> (de Boury, 1890)	x			
		<i>Epitonium tryoni</i> (de Boury, 1913)	x			
		<i>Epitonium trevelyanum</i> (Thompson W., 1840)	x			
		<i>Epitonium algerianum</i> (Weinkauff, 1866)	x			x
		<i>Epitonium</i> sp. 2	x		x	x
		<i>Epitonium</i> sp. 1			x	
		<i>Narrimania concinna</i> (Sykes, 1925)		x		
		<i>Opaliopsis atlantis</i> (Clench & Turner, 1952)	x			x

Class Gastropoda (continued)			Seine	Sedlo	Amp	Getty
Order	Family	Species				
		<i>Opalia abbotti</i> Clench & Turner, 1952	x			
		<i>Opalia hellenica</i> (Forbes, 1844)	x			
		<i>Cylindriscala</i> sp.	x			
		<i>Punctiscalia cerigottana</i> (Sturany, 1896)			x	
	Eulimidae	<i>Eulima bilineata</i> Alder, 1848	x			x
		<i>Sticteulima jeffreysiana</i> (Brusina, 1869)	x		x	
		<i>Curveulima macrophthalmica</i> (Warén, 1972)			x	
		<i>Curveulima</i> sp.	x			
		<i>Melanella</i> sp.1			x	
		<i>Melanella</i> sp. 2			x	
		<i>Halielloides</i> sp.			x	
		<i>Vitreolina curva</i> (Monterosato, 1874)	x			
		Eulimidae gen. et spec. indet. 1	x	x	x	x
		Eulimidae gen. et spec. indet. 2	x	x	x	x
		Eulimidae gen. et spec. indet. 3	x		x	x
		Eulimidae gen. et spec. indet. 4	x		x	
		Eulimidae gen. et spec. indet. 5			x	x
		Eulimidae gen. et spec. indet. 6	x			
		<i>Fuscapex</i> sp.	x	x		
		<i>Pelseeneria minor</i> Koebler & Vaney, 1908	x			
		<i>Pelseeneria striata</i> Bouchet & Warén, 1986			x	
	Skeneopsidae	<i>Skeneopsis planorbis</i> (Fabricius O., 1780)	x		x	x
	Littorinidae	<i>Littorina saxatilis</i> (Olivi, 1792)				x
	Rissoidae	<i>Rissoa violacea</i> Desmarest, 1814			x	
		<i>Benthonellania fayalensis</i> (Watson, 1886)	x		x	
		<i>Benthonella tenella</i> (Jeffreys, 1869)	x		x	
		<i>Alvania zylensis</i> Gofas & Warén, 1982	x		x	x
		<i>Alvania cimicoides</i> (Forbes, 1844)	x		x	
		<i>Alvania adinogramma</i> Bouchet & Warén, 1993	x		x	x
		<i>Alvania</i> cf. <i>porcupinae</i> Gofas & Warén, 1982				x
		<i>Alvania cancellata</i> (da Costa, 1778)	x		x	x
		<i>Alvania stenolopha</i> Bouchet & Warén, 1993		x		
		<i>Alvania subcrenulata</i> (Bucquoy, Dautzenberg & Dollfus, 1884)				x
		<i>Alvania beani</i> (Hanley in Thorpe, 1844)				x
		<i>Alvania microstriata</i> Hoenselaar & Goud, 1998	x		x	
		<i>Alvania</i> sp. 1	x	x	x	x
		<i>Alvania</i> sp. 2			x	
		<i>Amphirissoa cyclostomoides</i> Dautzenberg & Fischer H., 1897		x		
		<i>Gofasia josephinae</i> Bouchet & Warén, 1993			x	x
		<i>Gofasia vanderlandi</i> Bouchet & Warén, 1993	x		x	
		<i>Gofasia</i> sp. nov.			x	
		<i>Manzonina</i> sp. nov. 1			x	x
		<i>Manzonina</i> sp. nov. 2	x		x	
		<i>Manzonina</i> sp. nov. 3			x	x
		<i>Pseudosetia amydralox</i> Bouchet & Warén, 1993	x		x	
		<i>Pseudosetia</i> sp.	x		x	x
		<i>Obtusella</i> sp. 1			x	
		<i>Obtusella</i> sp. 2			x	
		<i>Peringiella</i> sp. nov.	x		x	
		<i>Setia</i> sp.			x	
		<i>Crisilla</i> sp.	x			
		<i>Crisilla</i> sp. nov.	x		x	
		<i>Onoba</i> sp. nov.			x	
		Rissoidae gen. nov. et sp. nov.			x	
	Adeorbidae	<i>Teinostoma azoricum</i> (Dautzenberg & Fischer H., 1896)	x		x	x
		<i>Teinostoma</i> sp.		x	x	
		<i>Neusas marshalli</i> (Sykes, 1925)	x	x		
		<i>Circulus supranitidus</i> (Wood S., 1848)		x		
	Barleeidae	<i>Barleeia unifasciata</i> (Montagu, 1803)			x	x
	Vanikoridae	<i>Megalomphalus azonus</i> (Brusina, 1865)	x			
	Xenophoridae	<i>Xenophora crista</i> (Koenig, 1825)	x			
	Haloceratidae	<i>Haloceras carinata</i> (Jeffreys, 1883)	x		x	
	Capulidae	<i>Capulus ungaricus</i> (Linné, 1758)	x		x	x
	Lamellariidae	<i>Lamellaria</i> sp.	x		x	x
	Velutinidae	<i>Velutina velutina</i> (Müller O.F., 1776)	x		x	
	Triviidae	<i>Trivia bitou</i> Pallary, 1912	x			x
		<i>Trivia</i> sp.				x
	Eratoidae	<i>Erato voluta</i> (Montagu, 1803)				x
	Cypraeidae	<i>Erosaria spurca</i> (Linné, 1758)	x			
		<i>Pedicularia sicula</i> Swainson, 1840	x	x	x	x
		<i>Aperiovula juanjosensii</i> Perez & Gomez, 1987	x			

Class Gastropoda (continued)

Order	Family	Species	Seine	Sedlo	Amp	Getty
	Naticidae	<i>Natica subplicata</i> (Jeffreys, 1885)			x	
		<i>Cryptonatica operculata</i> (Jeffreys, 1885)	x			
		<i>Tectonatica rizzae</i> (Philippi, 1844)	x			
		<i>Tectonatica</i> sp.			x	
		<i>Euspira montagui</i> (Forbes, 1838)	x		x	x
		<i>Euspira pulchella</i> (Risso, 1826)				x
		<i>Sinum</i> sp.			x	
	Tonnidae	<i>Tonna galea</i> (Linné, 1758)	x			x
	Cassidae	<i>Galeodea echinophora</i> (Linné, 1758)	x			
		<i>Phalium granulatum</i> (Born, 1778)	x			
		<i>Phalium saburon</i> (Bruguière, 1792)	x			
	Ranellidae	<i>Charonia lampas</i> (Linné, 1758)	x			
		<i>Cymatium corrugatum</i> (Lamarck, 1816)	x			
		<i>Cymatium</i> sp.	x			
		<i>Ranella olearium</i> (Linné, 1758)	x			
		<i>Distorsio perdistorta</i> Fulton, 1938	x			
	Bursidae	<i>Bursa ranelloides</i> (Reeve, 1844)	x			
		<i>Bursa marginata</i> (Gmelin, 1791)	x			
		<i>Bursa</i> sp.	x			
	Muricidae	<i>Stramonita haemastoma</i> (Linné, 1766)			x	
		<i>Trophonopsis barvicensis</i> (Johnston, 1825)	x			x
		<i>Cytharomorula grayi</i> (Dall, 1889)	x			
		<i>Orania fusulus</i> (Brocchi, 1814)	x			
		<i>Ocinebrina</i> cf. <i>aciculata</i> (Lamarck, 1822)	x			x
		<i>Pagodula echinata</i> (Kiener, 1840)				x
		Muricidae gen. et spec. indet. 1	x		x	x
		Muricidae gen. et spec. indet. 2	x		x	
		Muricidae gen. et spec. indet. 3	x		x	x
	Fascioliariidae	<i>Fusinus amiantus</i> (Dall, 1889)	x			
		<i>Fusinus bocagei</i> (Fischer P., 1882)	x			
	Buccinidae	<i>Buccinum humphreysianum</i> Bennet, 1824			x	
		<i>Kryptos koehleri</i> (Locard, 1896)	x			
		<i>Chauvetia submamillata</i> (Bucquoy, Dautzenberg & Dollfus, 1882)				x
		<i>Chauvetia brunnea</i> (Donovan, 1804)			x	x
		<i>Belomitra quadruplex</i> (Watson, 1882)	x			
		Buccinidae gen. et spec. indet.	x		x	
	Coralliophilidae	<i>Coralliophila panormitana</i> (Monterosato, 1869)	x			
		<i>Coralliophila</i> sp.			x	x
		<i>Babelomurex</i> sp.	x			
	Nassariidae	<i>Nassarius denticulatus</i> (Adams A., 1852)	x			x
		<i>Nassarius incrassatus</i> (Ström, 1768)	x			x
		<i>Nassarius macrodon recidivus</i> (Martens, 1876)	x			
	Columbellidae	<i>Mitrella pallaryi</i> (Dautzenberg, 1927)	x			
		<i>Mitrella</i> cf. <i>gervillei</i> (Payraudeau, 1826)				x
		<i>Mitrella</i> sp. 1	x			
		<i>Mitrella</i> sp. 2	x		x	
		<i>Amphissa acutecostata</i> (Philippi, 1844)	x	x	x	x
		<i>Anachis avaroides</i> Nordsieck, 1975	x		x	
	Marginellidae	<i>Marginella colomborum</i> (Bozzetti, 1995)	x		x	
		<i>Granulina</i> sp.	x			x
	Cystiscidae	<i>Gibberula</i> sp.			x	
	Turbinellidae	<i>Metzgeria</i> sp.			x	
	Volutomitridae	<i>Microvoluta superstes</i> Bouchet & Warén, 1985	x		x	
	Conidae	<i>Teretia teres</i> (Reeve, 1844)	x		x	
		<i>Gymnobela subaraneosa</i> (Dautzenberg & Fischer H., 1896)			x	
		<i>Gymnobela abyssorum</i> (Locard, 1897)	x			x
		<i>Gymnobela agassizi</i> (Verrill & Smith, 1880)		x		
		<i>Gymnobela pyrrhogramma</i> (Dautzenberg & Fischer H., 1896)	x			
		<i>Gymnobela</i> sp.			x	
		<i>Famelica</i> cf. <i>mirmidina</i> (Dautzenberg & Fischer H., 1896)	x			
		<i>Famelica</i> sp. 1			x	
		<i>Famelica</i> sp. 2			x	
		<i>Neopleurotomoides callembryon</i> (Dautzenberg & Fischer H., 1897)	x		x	
		<i>Microdrillia loprestiana</i> (Calcara, 1841)	x		x	x
		<i>Pleurotomella packardi</i> Verrill, 1872	x		x	
		<i>Pleurotomella demosia</i> (Dautzenberg & Fischer H., 1896)	x			
		<i>Pleurotomella</i> sp.1			x	
		<i>Pleurotomella</i> sp.2	x			
		<i>Aphanitoma locardi</i> Bavay, 1906	x			
		<i>Mangelia serga</i> (Dall, 1881)	x			
		<i>Philbertia</i> sp.				x
		<i>Lusitanops</i> sp.	x			

Class Gastropoda (continued)			Seine	Sedlo	Amp	Getty
Order	Family	Species				
		<i>Leufroyia</i> sp. nov.			x	
		<i>Bathybela nudator</i> (Locard, 1897)			x	
		<i>Mitromorpha olivoidea</i> (Cantraine, 1835)			x	
		<i>Xanthodaphne dalmasi</i> (Dautzenberg & Fischer H., 1897)			x	
		Conidae gen. et spec. indet. 1		x		
		Conidae gen. et spec. indet. 2		x		
	Drilliidae	<i>Crassopleura maravignae</i> (Bivona, 1838)	x		x	
		<i>Spirotropis azoricus</i> Bouchet & Warén, 1980	x		x	
Heterostropha	Architectonicidae	<i>Solatisonax alleryi</i> (Seguenza G., 1876)	x		x	x
		<i>Solatisonax</i> sp.			x	
		<i>Discotectonica discus</i> (Philippi, 1844)	x			
		<i>Pseudomalaxis</i> sp.	x			x
		<i>Basisulcata</i> cf. <i>lepada</i> (Bayer, 1942)			x	
		Architectonicidae gen. et spec. indet. 1	x		x	
		Architectonicidae gen. et spec. indet. 2	x		x	
	Mathildidae	<i>Mathilda cochlaeformis</i> Brugnone, 1873	x		x	x
		<i>Mathilda</i> sp.			x	
	Pyramidellidae	<i>Odostomia prona</i> Peñas & Rolán, 1999			x	
		<i>Odostomia unidentata</i> (Montagu, 1803)	x			x
		<i>Odostomia turrita</i> Hanley, 1844	x			x
		<i>Odostomia</i> sp.1	x		x	
		<i>Odostomia</i> sp.2			x	
		<i>Odostomia</i> sp.3	x		x	
		<i>Odostomia</i> sp.4			x	
		<i>Odostomia</i> sp.5	x		x	
		<i>Odostomia</i> sp.6	x		x	
		<i>Odostomia</i> sp.7			x	
		<i>Odostomia</i> sp.8	x		x	
		<i>Odostomia</i> sp.9	x		x	
		<i>Eulimella unifasciata</i> (Forbes, 1844)	x		x	
		<i>Eulimella</i> sp. 1	x		x	
		<i>Eulimella</i> sp. 2	x		x	
		<i>Odostomella doliolum</i> (Philippi, 1844)			x	
		<i>Chrysallida flexuosa</i> (Monterosato, 1874)	x			
		<i>Turbonilla crenata</i> (Brown, 1827)	x			
		<i>Turbonilla</i> aff. <i>micans</i> (Monterosato, 1875)	x			
		<i>Turbonilla magnifica</i> Seguenza G., 1879	x			
		<i>Turbonilla</i> sp. 1	x?		x	
		<i>Turbonilla</i> sp. 2	x			
		<i>Atomiscula islandica</i> Warén, 1989			x	
	Cimidae	<i>Cima cylindrica</i> (Jeffreys, 1856)			x	x
		<i>Graphis gracilis</i> (Monterosato, 1874)			x	
	Omalogyridae	<i>Ammonicera</i> sp.	x		x	x
		<i>Omalogyra atomus</i> (Philippi, 1841)	x		x	x
		Omalogyridae gen. et spec. indet. 1			x	
		Omalogyridae gen. et spec. indet. 2	x		x	
		Omalogyridae gen. et spec. indet. 3	x		x	
	Hyalogyrinidae	<i>Xenoskenea pellucida</i> (Monterosato, 1874)	x			
	Orbitestellidae	<i>Orbitestella</i> cf. <i>dariae</i> (Liuzzi & Zucchi Stofa, 1979)	x		x	x
Cephalaspeida	Retusidae	<i>Retusa obtusa</i> (Montagu, 1803)			x	
		<i>Retusa</i> sp.	x			
		<i>Pyrunculus ovatus</i> (Jeffreys, 1871)	x		x	
		<i>Pyrunculus</i> sp.		x		
	Cylichnidae	<i>Cylichna alba</i> (Brown, 1827)	x		x	
		<i>Cylichna cylindracea</i> (Pennant, 1777)	x			
		<i>Cylichna</i> sp.		x		
		<i>Acteocina</i> sp.			x	
	Philinidae	<i>Philine condensa</i> van der Linden, 1995	x		x	
	Acteonidae	<i>Japonacteon pusillus</i> (MacGillivray, 1843)	x			
		<i>Crenilabrum exile</i> (Jeffreys, 1870)	x			x
		<i>Liocarenus globulinus</i> (Forbes, 1844)	x			
		Acteonidae gen. et spec. indet. 1			x	
		Acteonidae gen. et spec. indet. 2			x	
		Acteonidae gen. et spec. indet. 3	x		x	
	Haminoidea	<i>Haminoea</i> sp.	x		x	
Notaspidea	Tyloidinidae	<i>Anidolyta duebeni</i> (Lovén, 1846)	x		x	x
	Tyloidinidae	<i>Tyloidina perversa</i> (Gmelin, 1791)	x		x	x
	Siphonariidae	<i>Williamia gussonii</i> (Costa O.G., 1829)			x	x

Class Bivalvia

Order	Family	Species	Seine	Sedlo	Amp	Getty		
Nuculoida	Pristiglomidae	<i>Pristigloma</i> sp.	x		x			
	Nuculidae	<i>Nucula</i> sp.	x					
	Yoldiidae	<i>Yoldiella messanensis</i> (Jeffreys, 1870)	x	x	x	x		
		<i>Yoldiella</i> sp.		x				
		<i>Yoldia minima</i> Seguenza G., 1877	x					
		? <i>Yoldia micrometrica</i> Seguenza G., 1877		x				
		<i>Microgloma pusillus</i> (Jeffreys, 1879)	x			x		
		<i>Bathyspinula excisa</i> (Philippi, 1844)		x				
		Arcoida	Spinulidae	<i>Asperarca nodulosa</i> (Müller O.F., 1776)			x	x
				<i>Arca tetragona</i> Poli, 1795	x		x	x
Arcidae	<i>Striarca lactea</i> (Linné, 1758)					x		
	<i>Bathyarca pectunculoides</i> (Scacchi, 1834)		x	x	x	x		
	<i>Bathyarca philippiana</i> (Nyst, 1848)		x	x	x	x		
	Limopsidae		<i>Limopsis aurita</i> (Brocchi, 1814)	x		x	x	
			<i>Limopsis friedbergi</i> Glibert & van de Poel, 1965	x	x	x	x	
			<i>Limopsis angusta</i> Jeffreys, 1879	x		x	x	
			<i>Limopsis minuta</i> (Philippi, 1836)	x		x	x	
			<i>Limopsis</i> sp. 1		x			
<i>Glycymeris glycymeris</i> (Linné, 1758)				x	x			
Mytiloida	Mytiliidae	<i>Gregariella petagna</i> (Scacchi, 1832)			x	x		
		<i>Gregariella</i> sp.						
	Pterioida	Pteriidae	<i>Dacrydium hyalinum</i> (Monterosato, 1875)	x	x	x		
			<i>Dacrydium wareni</i> Salas & Gofas, 1997	x				
		Propeamussidae	<i>Modiolula phaseolina</i> (Philippi, 1844)			x	x	
			<i>Pteria hirundo</i> (Linné, 1758)	x		x	x	
			<i>Parvamussium fenestratum</i> (Forbes, 1844)			x	x	
			<i>Parvamussium propinquum</i> (Smith E.A., 1885)	x				
			<i>Cyclopecten cincinnatus</i> Dijkstra & Gofas, 2004			x		
			<i>Similipecten similis</i> (Laskey, 1811)	x		x	x	
Pectinidae	Pectinidae	<i>Aequipecten commutatus</i> (Monterosato, 1875)	x		x	x		
		<i>Palliolium incomparabile</i> (Risso, 1826)				x		
		<i>Chlamys multistriata</i> (Poli, 1795)				x		
		<i>Chlamys pesfelis</i> (Linné, 1758)				x		
	Spondyliidae	<i>Spondylus gussonii</i> Costa O.G., 1829	x		x			
		Anomiidae	<i>Heteranomia squamula</i> (Linné, 1758)	x		x	x	
			<i>Pododesmus patelliformis</i> (Linné, 1761)	x				
		Limidae	<i>Lima lima</i> (Linné, 1758)			x	x	
			<i>Lima marioni</i> Fischer P., 1882			x		
			<i>Limaria hians</i> (Gmelin, 1791)				x	
<i>Limea loscombii</i> (Sowerby G.B., 1824)	x							
Ostreoida	Gryphaeidae	<i>Limatula subauriculata</i> (Montagu, 1808)			x	x		
		<i>Limatula gwyni</i> (Sykes, 1903)	x					
	Veneroida	<i>Limatula subovata</i> (Monterosato, 1875)	x					
		Gryphaeidae	<i>Neopycnodonte cochlear</i> (Poli, 1795)			x	x	
			Lucinidae	<i>Loripes lacteus</i> (Linné, 1758)			x	
		Thyasiridae		<i>Thyasira succisa</i> (Jeffreys, 1876)	x		x	x
			<i>Thyasira</i> sp.	x		x		
		Chamidae	<i>Chama gryphoides</i> Linné, 1758	x		x	x	
			Kellidae	<i>Bornia sebetia</i> (Costa O.G., 1829)			x	x
		<i>Kellia</i> sp. nov				x		
Veneroida	Leptonidae	<i>Arculus sykesi</i> (Chaster, 1895)	x					
	Montacutidae	<i>Mysella bidentata</i> (Montagu, 1803)	x		x	x		
		<i>Mysella pellucida</i> (Jeffreys, 1881)	x					
		<i>Mysella</i> sp.	x			x		
		<i>Tellimya</i> sp.	x					
	Carditidae	<i>Montacuta ferruginosa</i> (Montagu, 1808)	x		x	x		
		<i>Venericardia antiquata</i> (Linné, 1758)	x			x		
	Astartidae	<i>Cardita calyculata</i> (Linné, 1758)	x		x	x		
		<i>Glans aculeata</i> (Poli, 1795)	x					
	Cardiidae	<i>Astarte sulcata</i> (da Costa, 1778)	x		x	x		
<i>Papillicardium papillosum</i> (Poli, 1791)		x		x	x			
Psammobiidae	<i>Gari costulata</i> (Turton, 1822)	x		x	x			
	Smelidae	<i>Ervilia castanea</i> (Montagu, 1803)	x		x	x		
Trapezidae		<i>Coralliophaga lithophagella</i> (Lamarck, 1819)	x					
	Vesicomomyidae	<i>Vesicomomya</i> sp.	x					
Veneridae		<i>Gouldia minima</i> (Montagu, 1803)	x		x	x		
	<i>Venus casina</i> Linné, 1758				x			
	<i>Venus</i> sp. 1	x		x				
	<i>Venus</i> sp. 2			x				
	<i>Timoclea ovata</i> (Pennant, 1777)	x		x	x			
	<i>Pitar rudis</i> (Poli, 1795)	x						

Class Bivalvia (continued)			Seine	Sedlo	Amp	Getty		
Order	Family	Species						
Myoida	Hiatellidae							
Pholadomyoidea	Pholadomyidae	<i>Panacca loveni</i> (Jeffreys, 1882)	x					
		Thraciidae	<i>Thracia</i> sp. nov.	x				
	Pandoridae	<i>Pandora pinna</i> (Montagu, 1803)				x		
	Poromyidae	<i>Poromya neaeroides</i> Seguenza G., 1877	x		x			
	Verticordiidae	Verticordiidae	<i>Verticordia acuticostata</i> (Philippi, 1844)	x		x	x	
			<i>Verticordia granulata</i> Seguenza G., 1860	x			x	
			<i>Policordia densicostata</i> (Locard, 1898)			x		
			<i>Policordia</i> sp.	x				
		Cuspidariidae	Cuspidariidae	<i>Cuspidaria cuspidata</i> (Olivi, 1792)	x		x	
				<i>Cuspidaria rostrata</i> (Spengler, 1793)	x			
				<i>Cuspidaria inflata</i> (Jeffreys, 1882)	x			
				<i>Cuspidaria</i> sp.		x		
				<i>Halonympha depressa</i> (Jeffreys, 1882)	x			
				<i>Cardiomya curta</i> (Jeffreys, 1876)	x			x
		<i>Cardiomya costellata</i> (Deshayes, 1835)	x		x	x		

Class Scaphopoda			Seine	Sedlo	Amp	Getty
Order	Family	Species				
Gadilida	Gadilidae	<i>Cadulus artatus</i> Locard, 1897			x	
		<i>Cadulus jeffreysi</i> (Monterosato, 1875)	x			x
		<i>Cadulus</i> sp.	x	x		
Dentalida	Dentaliidae	<i>Dentalium agile</i> Sars M. in Sars G. O., 1872	x		x	x

Phylum Bryozoa

Class Stenolaemata, Gymnolaemata			Seine	Sedlo	Amp	Getty	
Order	Family	Species					
Cyclostomata		gen. et spec. indet.1	x				
		gen. et spec. indet.2	x		x		
		gen. et spec. indet.3	x			x	
		gen. et spec. indet.4	x			x	
		gen. et spec. indet.5	x			x	
		gen. et spec. indet.6	x		x		
		gen. et spec. indet.7	x		x		
		gen. et spec. indet.8	x				
		gen. et spec. indet.9	x				
		gen. et spec. indet.10	x				
		gen. et spec. indet.11	x				
		gen. et spec. indet.12	x				
		gen. et spec. indet.13	x				
		gen. et spec. indet.14	x	x			
		gen. et spec. indet.15	x	x			
		gen. et spec. indet.16	x		x		
Cyclostomata	Idmoneidae	<i>Hornera</i> sp.1	x	x			
		<i>Hornera</i> sp.2		x			
	Tubuliporidae	Tubuliporidae	<i>Idmidronea</i> sp.			x	x
			<i>Tubulipora</i> sp.			x	x
			<i>Plagioecia</i> sp.			x	x
			<i>Tervia</i> sp.			x	x
	Crisiidae	Crisiidae	<i>Crisia</i> sp.			x	x
			<i>Crisia eburnea</i> (Linnaeus, 1758)	x		x	x
	Lichenoporidae	Lichenoporidae	<i>Lichenopora</i> sp. 1	x			
			<i>Lichenopora</i> sp. 2	x			
<i>Lichenopora</i> sp. 3				x			
Cheilostomata	Heliodomidae	<i>Heliodoma</i> sp.			x	x	
		Candidae	<i>Caberea boryi</i> (Audouin, 1826)			x	x
			<i>Scrupocellaria</i> sp.			x	x
	Setosellidae	<i>Setosella vulnerata</i> (Busk, 1860)			x	x	
	Cellariidae	<i>Cellaria</i> sp.			x	x	
	Cribrilinidae	<i>Puellina</i> spp.			x	x	
	Adeonidae	<i>Adeonellopsis</i> sp.			x	x	
	Tessaradomidae	<i>Tessaradoma boreale</i> (Busk, 1860)			x	x	
	Smittinidae	Smittinidae	<i>Smittoidea marmorea</i> ? (Hincks, 1877)			x	x
			<i>Porella cervicornis</i> Perrone, 1985	x			
<i>Hippodiplosia foliacea</i> Solander 1876			x				

Class Stenolaemata, Gymnolaemata (continued)

Order	Family	Species	Seine	Sedlo	Amp	Getty
	Watersiporidae	<i>Watersipora complanata</i> (Norman, 1864)			x	x
	Schizoporellidae	<i>Escharina</i> sp.			x	x
	Phoceanidae	<i>Phoceana</i> ? sp.			x	x
	Cleidochasmatidae	<i>Characodoma strangulatum</i> Calvet, 1906			x	x
	Ascosiidae	<i>Ascosia pandora</i> Jullien, 1882			x	x
	Celleporidae	<i>Buskea</i> sp.			x	x
		<i>Celleporina</i> sp.			x	x
		<i>Palmicellaria elegans</i> Alder, 1864			x	x
		<i>Palmicellaria skenei</i> Ellis and Solander, 1755			x	x
		<i>Palmicellaria</i> ? sp.			x	x
		<i>Reteporella</i> sp. 1			x	x
	Phidoloporidae	<i>Reteporella</i> sp. 2	x			
		gen. et spec. indet.	x			

Phylum Brachiopoda

Class Brachiopoda

Order	Family	Species	Seine	Sedlo	Amp	Getty
		<i>Crania anomala</i> (Müller, 1776)	x			
		<i>Argyrotheca cuneata</i> (Risso, 1826)	x			
		<i>Megathiris detruncata</i> (Gmelin, 1790)	x			
		<i>Megerlia truncata</i> (Linnaeus, 1767)	x			

Phylum Echinodermata

Class Asteroidea

Order	Family	Species	Seine	Sedlo	Amp	Getty
		juvenile gen. et spec. indet.1	x			
		juvenile gen. et spec. indet.2	x			
		juvenile gen. et spec. indet.3	x			
		juvenile gen. et spec. indet.4	x			
	Astropectinidae	<i>Astropecten irregularis</i> (Pennant, 1777)	x			
		juvenile gen. et spec. indet.1	x			
		juvenile gen. et spec. indet.2	x			
		juvenile gen. et spec. indet.3	x			
		juvenile gen. et spec. indet.4	x			
	Luididae	juvenile gen. et spec. indet.5	x			
		<i>Luidia</i> cf. <i>ciliaris</i> (Philippi, 1837)	x			

Class Ophiuroidea

Order	Family	Species	Seine	Sedlo	Amp	Getty
	Amphiuridae	<i>Amphipholis squamata</i> (Chiaje, 1829)	x			
	Bathypectinuridae	<i>Bathypectinura heros</i> (Lyman, 1879)	x			
		juvenile gen. et spec. indet.1	x			
		juvenile gen. et spec. indet.2	x			
		gen. et spec. indet.1	x			
		gen. et spec. indet.2	x			
		gen. et spec. indet.3	x			

Class Echinoidea

Order	Family	Species	Seine	Sedlo	Amp	Getty
		<i>Centrostephanus longispinus</i> (Philippi, 1845)	x			
		<i>Cidaris cidaris</i> (Carpenter, 1864)	x	x	x	x
	Echinidae	<i>Echinus melo</i> Lamarck, 1816	x			
	Fibulariidae	<i>Echinocyamus pusillus</i> (OF Müller, 1776)	x		x	x
	Spatangidae	<i>Brissopsis lyrifera</i> (Forbes, 1841)	x			

III BIAS (Biodiversity Inventorial Atlas)

Image-based Biodiversity Atlas of macrobenthic seamount animals including information about distribution and ecology of the figured species.

Epizoanthus cf. papillosus
(Johnston, 1842)

Cnidaria, Anthozoa
Zoanthidea
Zoanthidae

DISTRIBUTION

ECOLOGY

On gastropod shells inhabited hermit crabs.

NOTES

Very abundant on Seine Seamount.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Hyalinoecia tubicola
(O.F. Müller, 1776)

Annelida
Polychaeta
Eunicidae

DISTRIBUTION

Cosmopolitan?

ECOLOGY

Lives half embedded on coarse sands.

NOTES

Common on Seine Seamount.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Scalpellum sp.

Crustacea, Cirripedia
Thoracica
Scalpellidae

DISTRIBUTION
NE Atlantic?

ECOLOGY

NOTES

Only found on the top plateau of Seine Seamount.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Pagurus oculatus (Fabricius, 1775)

Crustacea
Decapoda
Paguridae

DISTRIBUTION

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Calappa granulata (Linnaeus, 1758)

Crustacea
Decapoda
Calappidae

DISTRIBUTION
Mediterranean and adjacent Atlantic.

ECOLOGY
Carnivorous, hiding in sandy bottoms.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine seamount

Parthenope cf. miersi
(Milne-Edwards & Bouvier, 1898)

Crustacea,
Decapoda
Parthenopidae

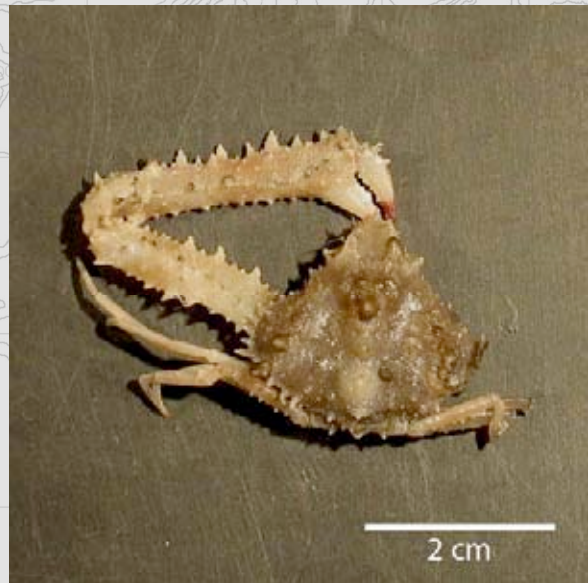
DISTRIBUTION

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Parthenope sp.

Crustacea
Decapoda

DISTRIBUTION
Atlantic-Mediterranean.

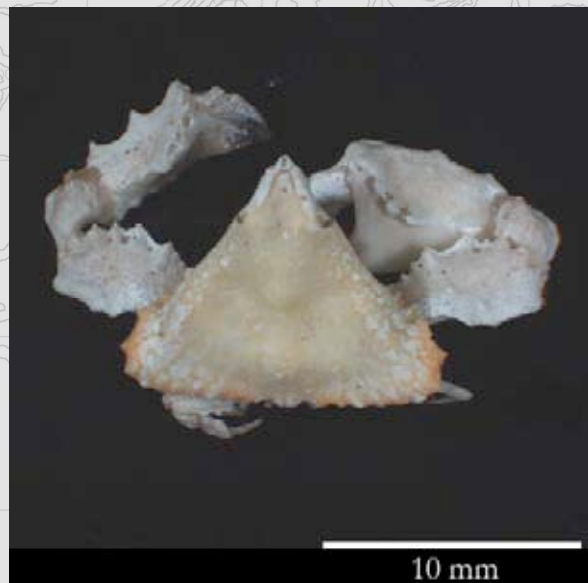
ECOLOGY
Carnivorous.

NOTES

In shallow depth Seine Seamount.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Inachus dorsettensis
(Pennant, 1777)

Crustacea
Decapoda
Maiidae

DISTRIBUTION
Mediterranean and adjacent Atlantic.

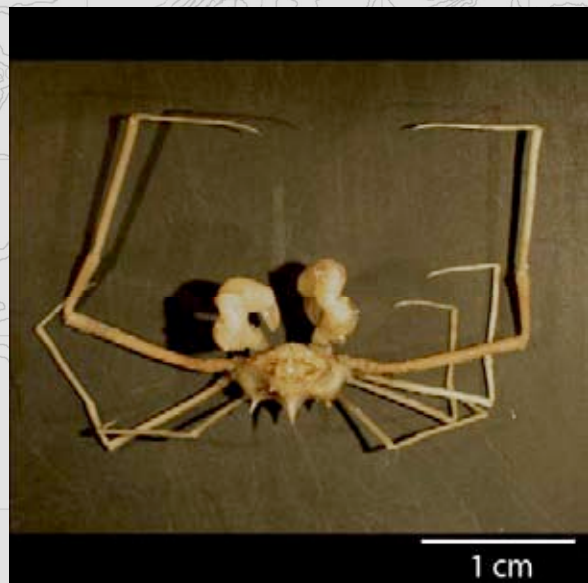
ECOLOGY
Frequently associated with cnidarians!

NOTES

Very abundant on top of Seine Seamount.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Latreillia elegans

Roux, 1830

Crustacea
Decapoda
Latreilliidae

DISTRIBUTION

Mediterranean and NE Atlantic.

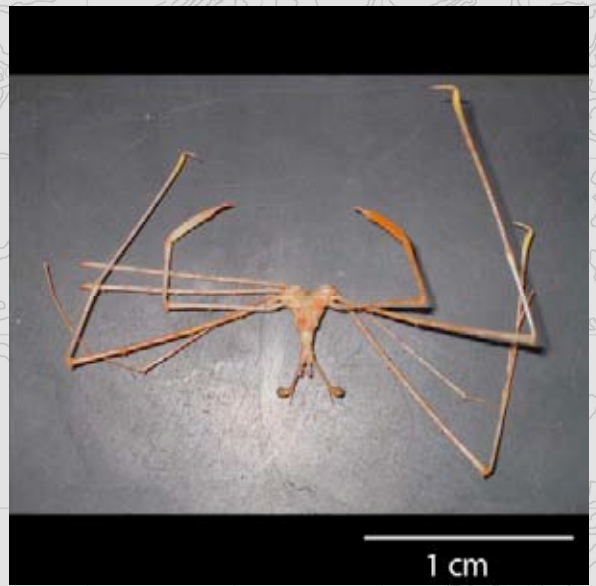
ECOLOGY

On soft bottoms between 30 and 400 m.

NOTES

- | | |
|--|--|
| <input checked="" type="checkbox"/> Seine Seamount | <input type="checkbox"/> Gettysburg Seamount |
| <input type="checkbox"/> Sedlo Seamount | <input type="checkbox"/> Ampère Seamount |

REFERENCES



from Seine Seamount

Veleropilina zografi
(Dautzenberg & Fischer, 1896)

Monoplacophorida

Neopilinidae Knight & Yochelson, 1958

Veleropilina Starobogatov & Moskalev, 1987

DISTRIBUTION

Mid-Atlantic Ridge and adjoining seamounts, between 30°N and 38°N.

ECOLOGY

Often on iron-manganese coated hard substrate.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén & Gofas, 1996



from Gettysburg Seamount

Rokopella sp.

Monoplacophorida

Neopilinidae Knight & Yochelson, 1958

Rokopella Starobogatov & Moskalev, 1987

DISTRIBUTION

unknown

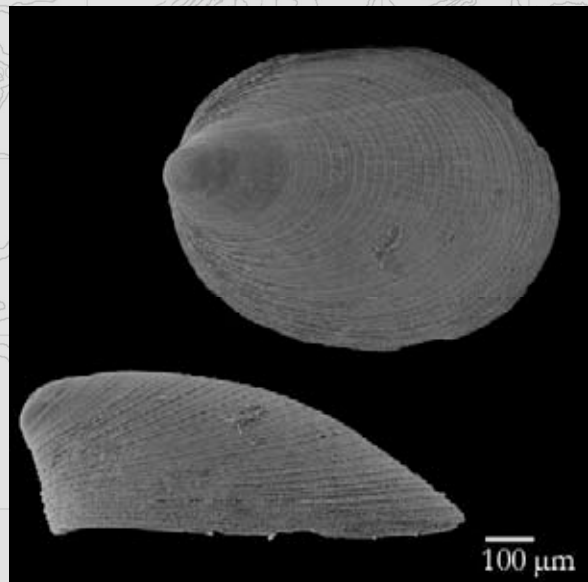
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Leptochiton sp.

Lepidopleurida

Leptochitonidae Dall, 1889

DISTRIBUTION

unknown

ECOLOGY

Unknown, but probably a sponge feeder.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Tectura virginea
(Müller O.F., 1776)

Patelloidea

Acmaeidae Forbes, 1850

Tectura Gray, 1847

DISTRIBUTION

Atlantic and Mediterranean, shallow water down to 100 m.

ECOLOGY

Grazing on algae or diatoms.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991; Fretter & Graham, 1976



from Ampère Seamount

Propilidium exiguum
(Thompson W., 1844)

Patelloidea

Lepetidae Gray, 1850

Propilidium Forbes & Hanley, 1849

DISTRIBUTION

NE Atlantic, bathyal.

ECOLOGY

On hard substrate, probably a grazing detritus feeder.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Graham, 1988



from Ampère Seamount

Ansates pellucida
(Linné, 1758)

Patelloidea

Patellidae Rafinesque, 1815

Ansates Sowerby G.B. II, 1839

DISTRIBUTION

All the Atlantic coasts between Portugal and northern Norway.

ECOLOGY

Typical found on kelp (*Laminaria*).

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Graham, 1988



from Gettysburg Seamount

Patella ulyssiponensis
Gmelin, 1791

Patelloidea

Patellidae Rafinesque, 1815

Patella Linné, 1758

DISTRIBUTION

Black Sea, Mediterranean and in the Atlantic north until the British Isles.

ECOLOGY

Grazing on rocks for algae or diatoms.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Gettysburg Seamount

Bathysciadium sp. nov.

Cocculinoidea

Bathysciadiidae Dautzenberg & Fischer,

Bathysciadium Dautzenberg & Fischer,

DISTRIBUTION

Endemic?

ECOLOGY

Unknown. Probably feeding on cephalopod beaks.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Lepetella laterocompressa
(de Rayneval & Ponzi, 1854)

Cocculinoidea

Lepetellidae Dall, 1882

Lepetella Verrill, 1880

DISTRIBUTION

Bay of Biscay and European Atlantic.

ECOLOGY

Feeding on tubes of the polychaete *Hyalinoecia* sp.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Dantart & Luque, 1994



from Ampère Seamount

Addisonia excentrica
(Tiberi, 1855)

Cocculinoidea

Addisonidae Dall, 1882

Addisonia Dall, 1882

DISTRIBUTION

Mediterranean and NE Atlantic.

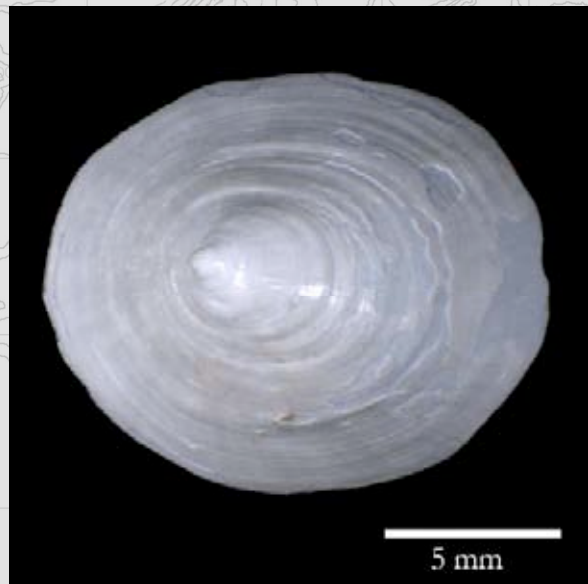
ECOLOGY

Unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Giribet & Penas, 1997



from Gettysburg Seamount

Kaiparapelta askewi
McLean & Harasewych, 1995

Cocculinoidea

Pseudococculinidae Hickman, 1983

Kaiparapelta Marshall, 1986

DISTRIBUTION

Only few records from the NE Atlantic, fossil from New Zealand.

ECOLOGY

NOTES

Well established populations on the seamounts.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Mc Lean & Harasewych, 1995



from Seine Seamount

Emarginula tenera
Locard, 1892

Fissurelloidea

Fissurellidae Fleming, 1822

Emarginula Lamarck, 1801

DISTRIBUTION

Mediterranean and Bay of Biscay.

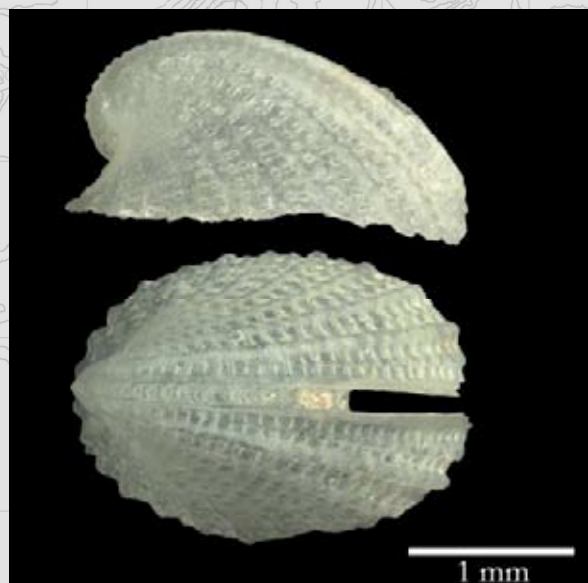
ECOLOGY

Sponge feeder?

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Ampère Seamount

Emarginula huzardii
Payraudeau, 1826

Fissurelloidea
Fissurellidae Fleming, 1822
Emarginula Lamarck, 1801

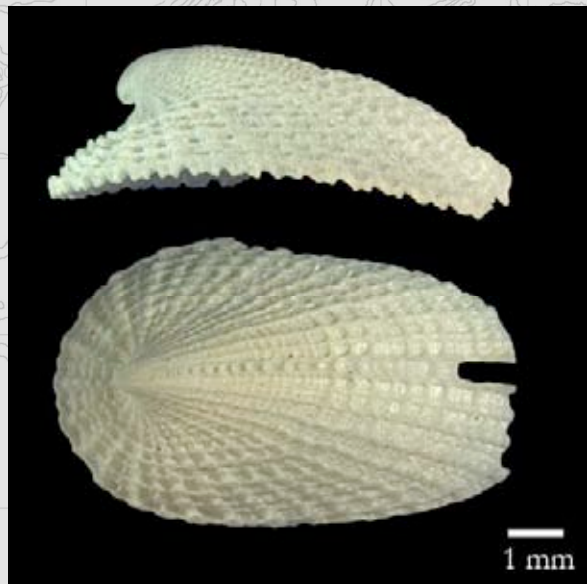
DISTRIBUTION
Mediterranean and Strait of Gibraltar.

ECOLOGY
Unknown. Potentially a sponge eater.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Ampère Seamount

Emarginula fissura
(Linné, 1758)

Fissurelloidea
Fissurellidae Fleming, 1822
Emarginula Lamarck, 1801

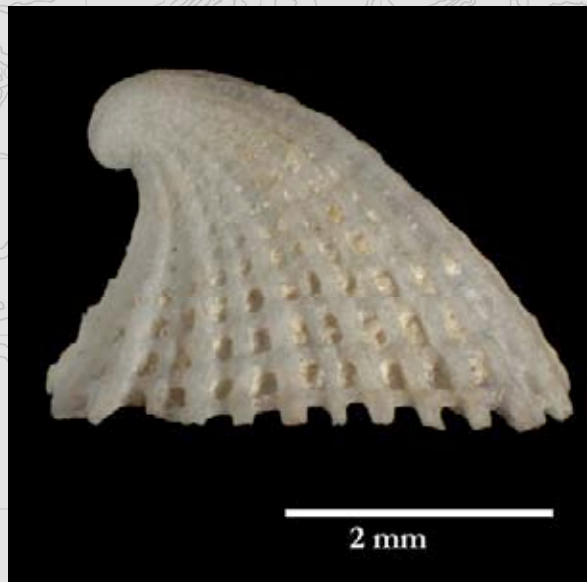
DISTRIBUTION
Atlantic and Mediterranean, shallow water to bathyal depths.

ECOLOGY
Sponge eater. Mainly on hard substrates.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Emarginula adriatica
Costa O.G., 1829

Fissurelloidea
Fissurellidae Fleming, 1822
Emarginula Lamarck, 1801

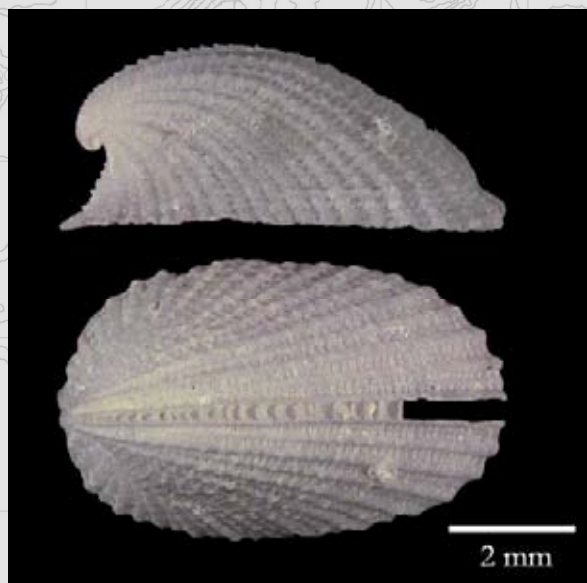
DISTRIBUTION
Mediterranean and north to the Bay of Biscay.

ECOLOGY
Unknown. Potentially a sponge feeder.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Gettysburg Seamount

Emarginula sp. nov.

Fissurelloidea

Fissurellidae Fleming, 1822

Emarginula Lamarck, 1801

DISTRIBUTION

Endemic?

ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Diodora graeca (Linné, 1758)

Fissurelloidea

Fissurellidae Fleming, 1822

Diodora Gray, 1821

DISTRIBUTION

From 60° N to the Mediterranean. Common on most British and Irish coasts.

ECOLOGY

Feeding on sponges which they mimic in colour.

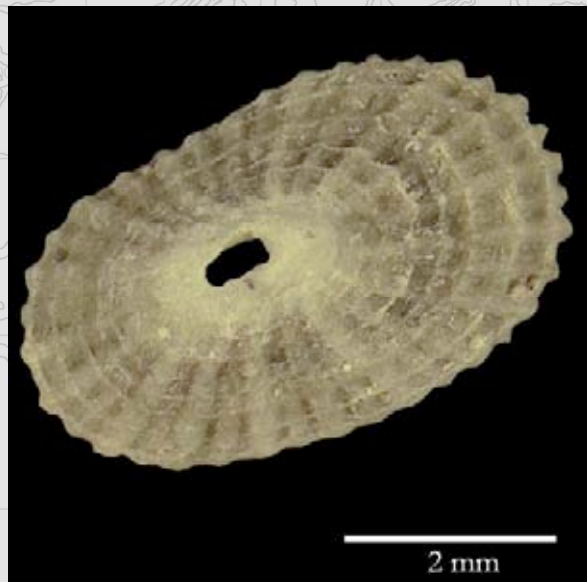
NOTES

Only on seamount tops.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES

Graham, 1988



from Gettysburg Seamount

Rimula granulata Seguenza G., 1862

Fissurelloidea

Fissurellidae Fleming, 1822

Rimula DeFrance, 1827

DISTRIBUTION

ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES

Micali & Villari, 1989



from Ampère Seamount

Profundisepta profunda
(Jeffreys, 1877)

Fissurelloidea
Fissurellidae Fleming, 1822
Profundisepta McLean & Geiger, 1998

DISTRIBUTION
unknown, deep-water.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Cornisepta crossei
(Dautzenberg & Fischer, 1896)

Fissurelloidea
Fissurellidae Fleming, 1822
Cornisepta McLean & Geiger, 1998

DISTRIBUTION
unknown, deep-water.

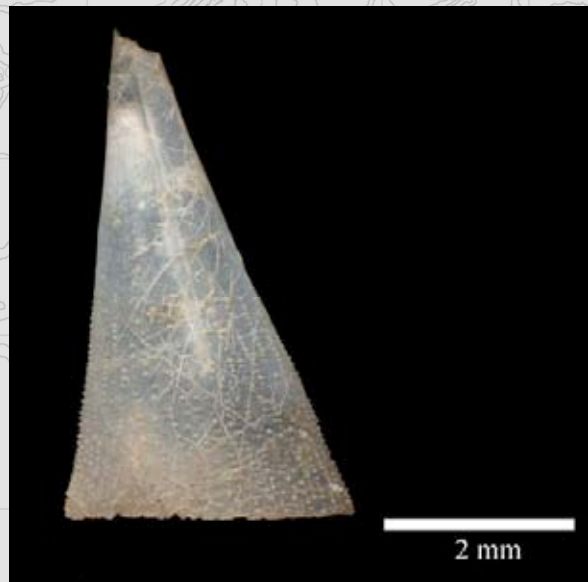
ECOLOGY
unknown

NOTES

Very rare species.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Cornisepta rostrata
(Seguenza G., 1862)

Fissurelloidea
Fissurellidae Fleming, 1822
Cornisepta McLean & Geiger, 1998

DISTRIBUTION
NE Atlantic and Mediterranean, bathyal.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Mc Lean & Geiger, 1998



from Seine Seamount

Anatoma aspera
(Philippi, 1844)

Scissurelloidea

Scissurellidae Gray, 1847

Anatoma Woodward, 1859

DISTRIBUTION

Mediterranean and NE Atlantic.

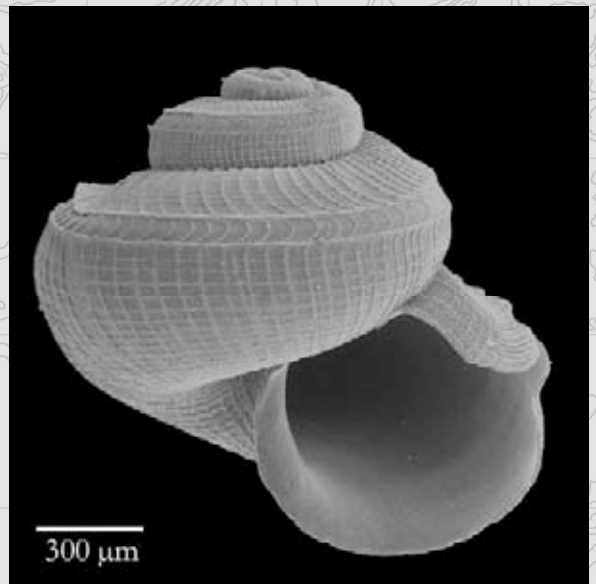
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Sedlo Seamount

Anatoma umbilicata
(Jeffreys, 1883)

Scissurelloidea

Scissurellidae Gray, 1847

Anatoma Woodward, 1859

DISTRIBUTION

NE Atlantic and rare in the Mediterranean.

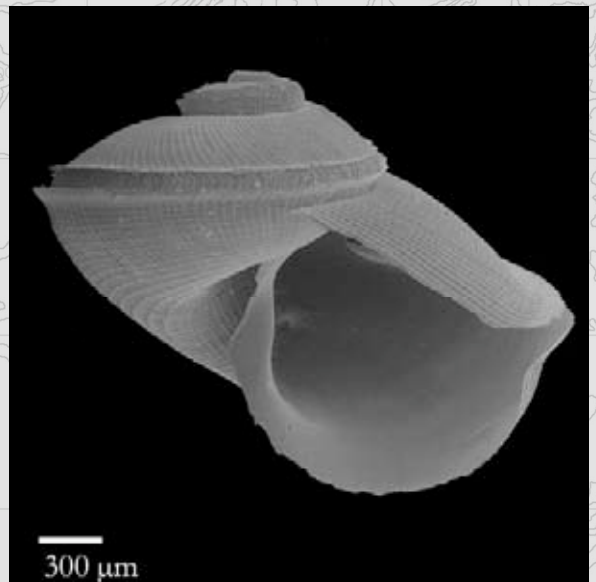
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Anatoma sp.

Scissurelloidea

Scissurellidae Gray, 1847

Anatoma Woodward, 1859

DISTRIBUTION

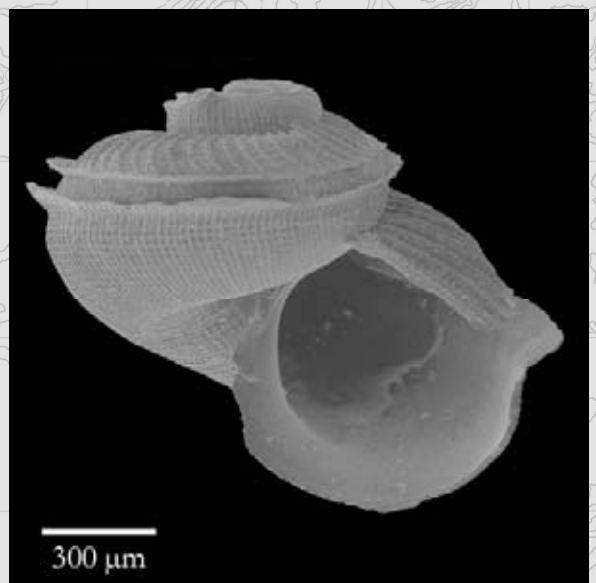
Endemic?

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Sukashitrochus sp. nov.

Scissurelloidea

Scissurellidae Gray, 1847

Sukashitrochus Habe & Kosuge, 1964

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

ECOLOGY

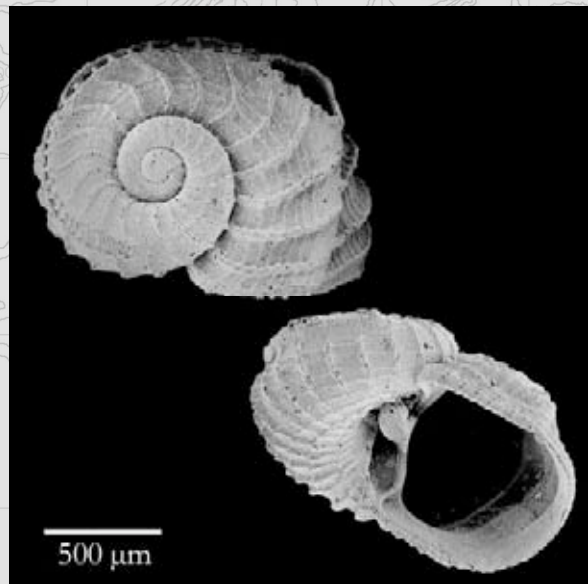
unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Scissurella sp. nov.

Scissurelloidea

Scissurellidae Gray, 1847

Scissurella d'Orbigny, 1824

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Ampère Seamount

Jujubinus exasperatus (Pennant, 1777)

Trochoidea

Trochoidae Rafinesque, 1815

Jujubinus Monterosato, 1884

DISTRIBUTION

Mediterranean and NE Atlantic.

ECOLOGY

Restricted only to photic zone. Feeding on diatoms.

NOTES

Seine Seamount Gettysburg Seamount

Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Gettysburg Seamount

Clelandella dautzenbergi
Gofas, 2005

Trochoidea

Trochoidae Rafinesque, 1815

Clelandella Winckworth, 1932

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Gibbula magus
(Linné, 1758)

Trochoidea

Trochoidae Rafinesque, 1815

Gibbula Risso, 1826

DISTRIBUTION

Mediterranean and NE Atlantic.

ECOLOGY

Amongst seaweeds and on stones.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Graham, 1988



from Ampère Seamount

Calliostoma hironellei
Dautzenberg & Fischer, 1896

Trochoidea

Trochoidae Rafinesque, 1815

Calliostoma Swainson, 1840

DISTRIBUTION

unknown

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Ampère Seamount

REFERENCES



from Seine Seamount

Calliostoma leptophyma
Dautzenberg & Fischer, 1896

Trochoidea

Trochoidae Rafinesque, 1815

Calliostoma Swainson, 1840

DISTRIBUTION

NE Atlantic and ? Mediterranean, bathyal.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Calliostoma lithocolletum
Dautzenberg, 1925

Trochoidea

Trochoidae Rafinesque, 1815

Calliostoma Swainson, 1840

DISTRIBUTION

unknown

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Danilia tinei
(Calcara, 1839)

Trochoidea

Trochoidae Rafinesque, 1815

Danilia Brusina, 1865

DISTRIBUTION

Mediterranean and into the NE Atlantic.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Trochus laminarum
Jeffreys, 1883

Trochoidea
Trochidae? incertae sedis
Trochus Linné, 1758

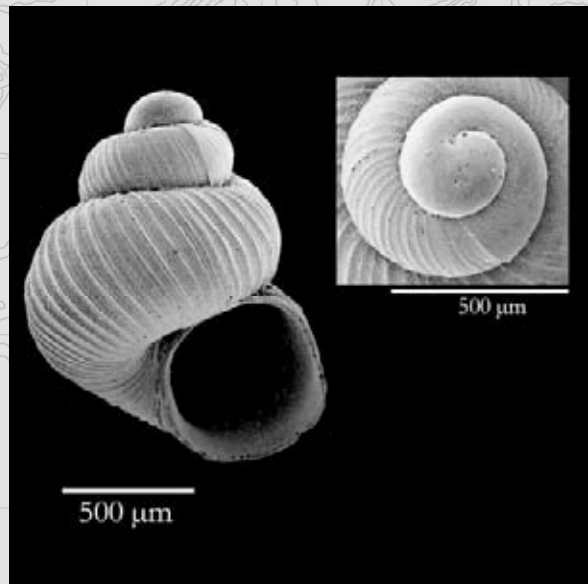
DISTRIBUTION
unknown, deep-water.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Rugulina fragilis
(Sars, 1887)

Trochoidea
Pendromidae Warén, 1991
Rugulina Palazzi, 1988

DISTRIBUTION
NE Atlantic and ?Mediterranean, bathyal.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Adeuomphalus ammoniformis
Seguenza, 1876

Trochoidea
Skeneidae Clark, 1851
Adeuomphalus Seguenza G., 1876

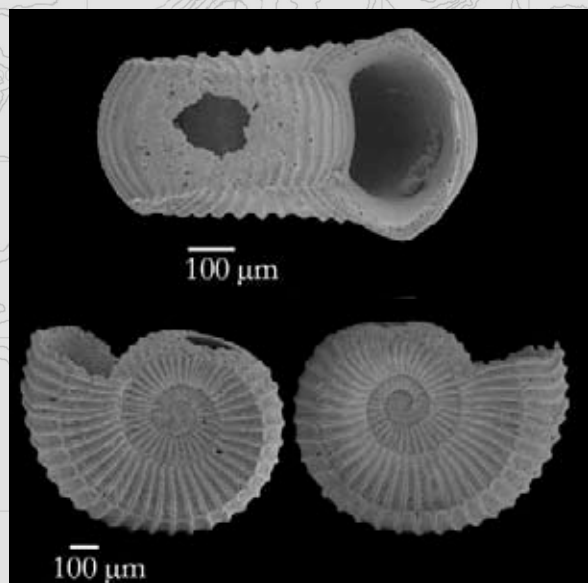
DISTRIBUTION
Mediterranean and Strait of Gibraltar.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Anekes paucistriata
Warén, 1992

Trochoidea
Skeneidae Clark, 1851
Anekes Bouchet & Warén, 1979

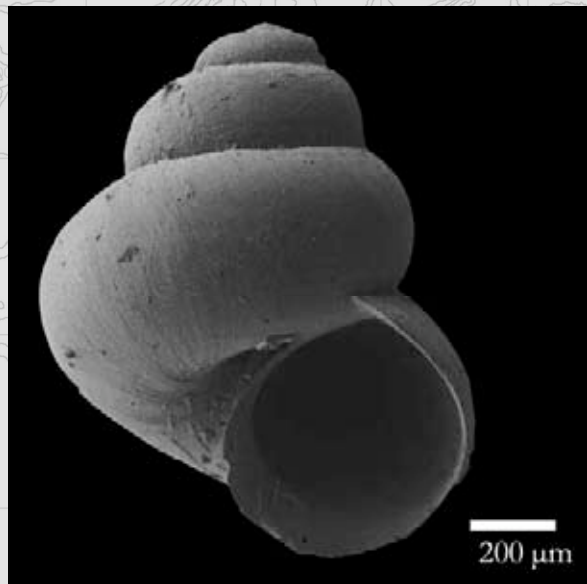
DISTRIBUTION
Lusitanian Seamounts and Mediterranean.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Gettysburg Seamount

Cirsonella romettensis
(Granata-Grillo, 1877)

Trochoidea
Skeneidae Clark, 1851
Cirsonella Angas, 1877

DISTRIBUTION
Bay of Biscay and Mediterranean, 100 - 1,000 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Ampère Seamount

Dikoleps sp.

Trochoidea
Skeneidae Clark, 1851
Dikoleps Hoisaeter, 1968

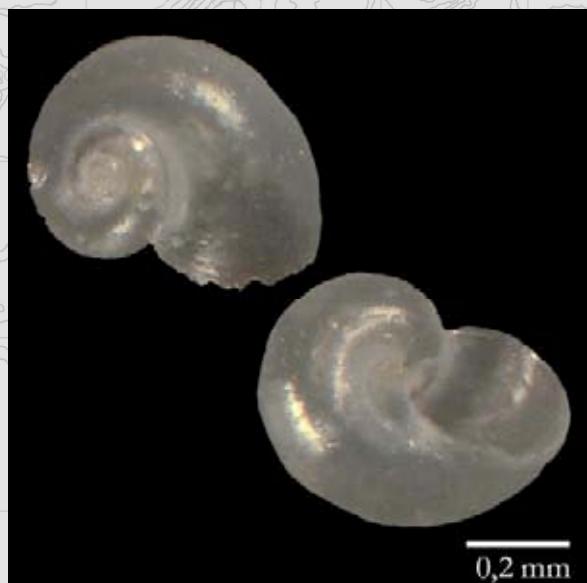
DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991; Rubio-Salazar, 1990



from Gettysburg Seamount

Granigyra pruinosa
(Jeffreys, 1883)

Trochoidea
Skeneidae Clark, 1851
Granigyra Dall, 1889

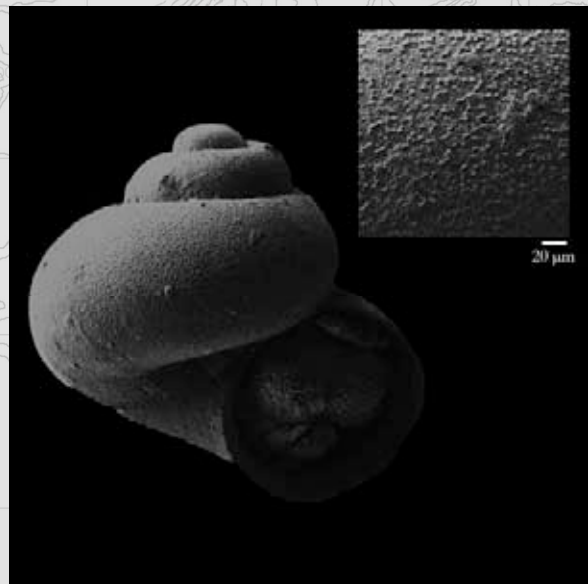
DISTRIBUTION
Off Portugal, deep-water.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Gettysburg Seamount

Granigyra sp.

Trochoidea
Skeneidae Clark, 1851
Granigyra Dall, 1889

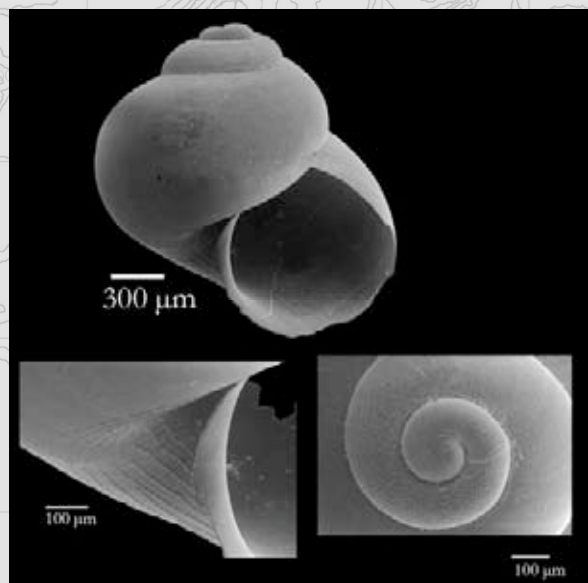
DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Seine Seamount

Lissomphalia bithynoides
(Monterosato, 1880)

Trochoidea
Skeneidae Clark, 1851
Lissomphalia Warén, 1992

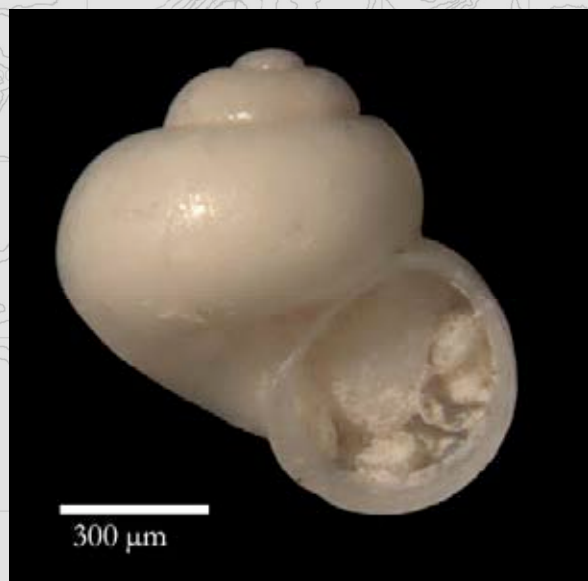
DISTRIBUTION
Off Portugal and Mediterranean, 90-440 m.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Ampère Seamount

Lissotesta minima
(Seguenza G., 1876)

Trochoidea

Skeneidae Clark, 1851

Lissotesta Iredale, 1915

DISTRIBUTION

Bay of Biscay and Moroccan margin, 500 -2,300 m.

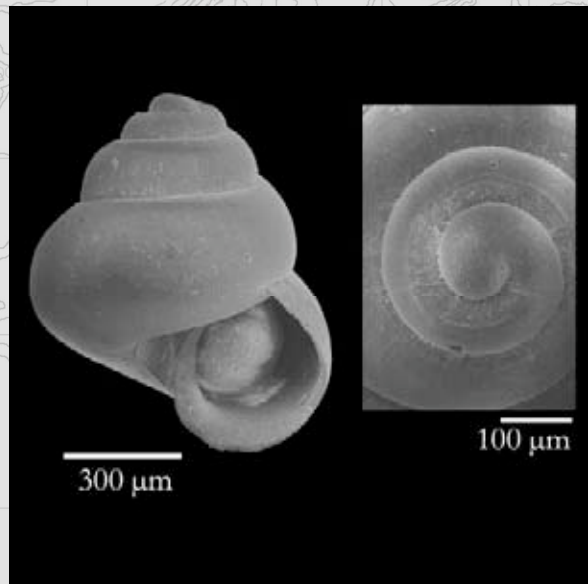
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Seine Seamount

Lissotesta gittenbergeri
(van Aartsen & Bogi, 1988)

Trochoidea

Skeneidae Clark, 1851

Lissotesta Iredale, 1915

DISTRIBUTION

Western Mediterranean and adjacent Atlantic, 100 - 350 m.

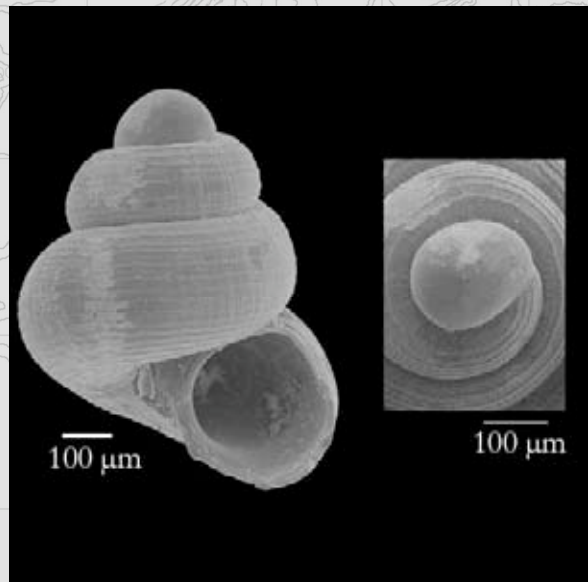
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Seine Seamount

Lissotesta turrita
(Gaglioni, 1987)

Trochoidea

Skeneidae Clark, 1851

Lissotesta Iredale, 1915

DISTRIBUTION

Norway to Mediterranean, 100 - 350 m.

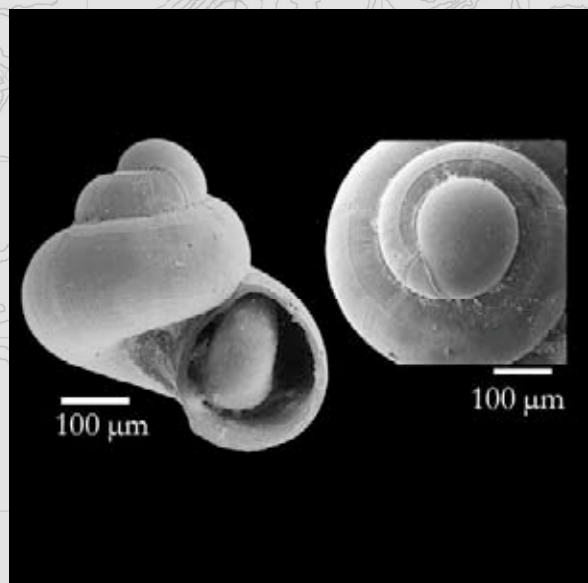
ECOLOGY

unknown

NOTES

- Seine Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Ampère Seamount

Moelleriopsis normani
(Dautzenberg & Fischer, 1897)

Trochoidea
Skeneidae Clark, 1851
Moelleriopsis Bush, 1897

DISTRIBUTION
Azores, few records from the NE Atlantic,
?Mediterranean.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Ampère Seamount

Moelleriopsis sp.

Trochoidea
Skeneidae Clark, 1851
Moelleriopsis Bush, 1897

DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1991



from Sedlo Seamount

Trenchia sp. nov.

Trochoidea
Skeneidae Clark, 1851
Trenchia Knudsen, 1964

DISTRIBUTION
Endemic?

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Cithna cincta
Jeffreys, 1883

Trochoidea
Skeneidae? incertae sedis
Cithna Jeffreys, 1883

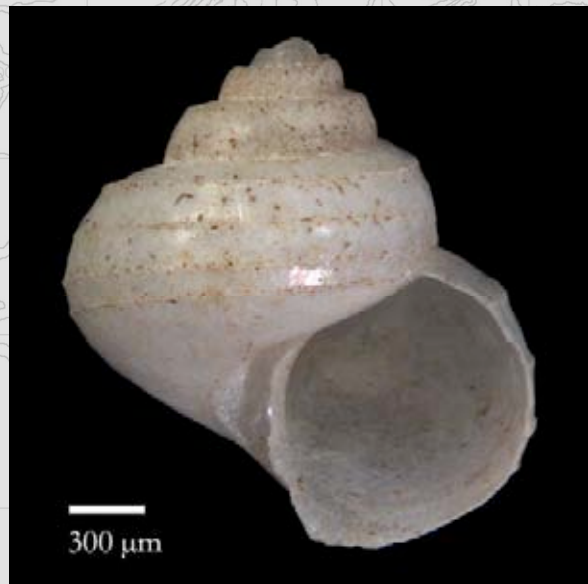
DISTRIBUTION
NE Atlantic and ?Mediterranean, bathyal.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Pseudorimula midatlantica
McLean, 1992

Trochoidea
Lepetodrilidae McLean, 1988
Pseudorimula McLean, 1989

DISTRIBUTION
Along the mid-oceanic ridge.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Sedlo Seamount

Basilissopsis watsoni
Dautzenberg & Fischer, 1898

Trochoidea
Seguenziidae Verrill, 1884
Basilissopsis Dautzenberg & Fischer, 1897

DISTRIBUTION
From Iceland to the Azores, around 100 m.

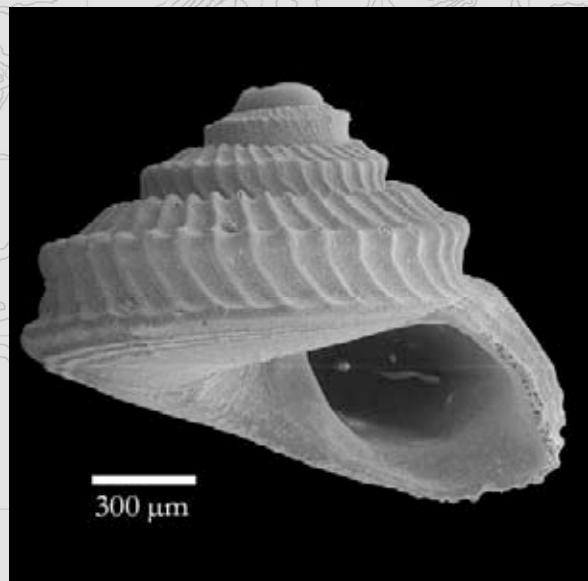
ECOLOGY

NOTES

The species has not been reported since the description.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1996



from Seine Seamount

Basilissa sp.

Trochoidea
Seguenziidae Verrill, 1884
Basilissa Watson, 1879

DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES



from Coral Patch Seamount

Vetulonia cancellata
(Jeffreys, 1883)

Trochoidea
Cyclostrematida Fischer, 1885
Vetulonia Dall, 1913

DISTRIBUTION
NE Atlantic and ?Mediterranean, bathyal.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES



from Coral Patch Seamount

Bolma rugosa
(Linné, 1767)

Trochoidea
Turbinidae Rafinesque, 1815
Bolma Risso, 1826

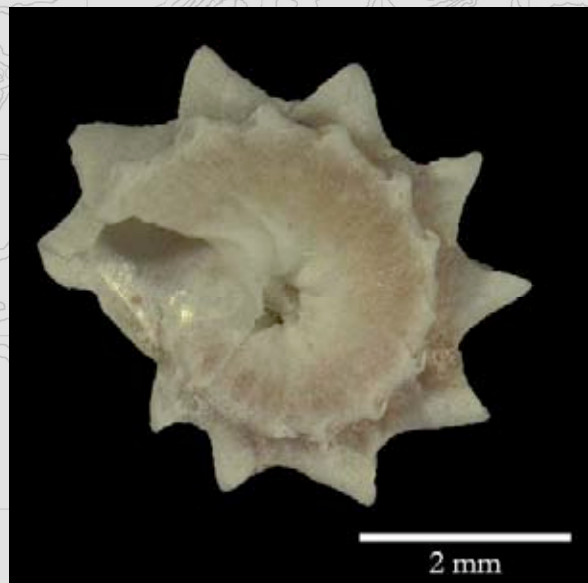
DISTRIBUTION
Mediterranean and Bay of Biscay, Madeira.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Gettysburg Seamount

Cantrainea globuloides
(Dautzenberg & Fischer, 1896)

Trochoidea
Turbinidae Rafinesque, 1815
Cantrainea Jeffreys, 1883

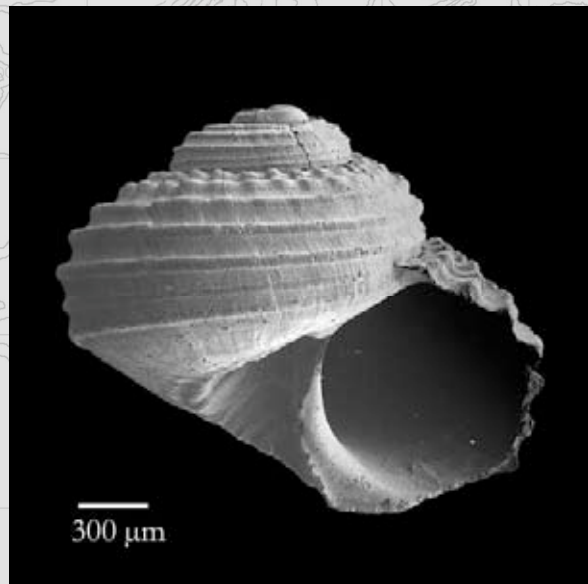
DISTRIBUTION
unknown, deep-water.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Haliotis tuberculata coccinea
Reeve, 1846

Halitoidea
Haliotidae Rafinesque, 1815
Haliotis Linné, 1758

DISTRIBUTION
Channel Island and Brittany to the Mediterranean,
the Azores and Canary Islands.

ECOLOGY
On rocky shores, feeding on encrusting algae.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Graham, 1988



from Gettysburg Seamount

Bittium latreilli
(Payraudeau, 1826)

Cerithioidea
Cerithiidae de Férussac, 1822
Bittium Gray, 1847

DISTRIBUTION
Mediterranean and Strait of Gibraltar, Canary Islands.

ECOLOGY
Photic zone, feeding mainly on diatoms.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Gettysburg Seamount

Bittium watsoni
(Jeffreys, 1885)

Cerithioidea
Cerithiidae de Férussac, 1822
Bittium Gray, 1847

DISTRIBUTION
Atlantic and Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Smriglio, Mariottini & Ciommei, 1995



from Ampère Seamount

Litiopa cf. melanostoma
Rang, 1829

Cerithioidea
Litiopidae Gray, 1847
Litiopa Rang, 1829

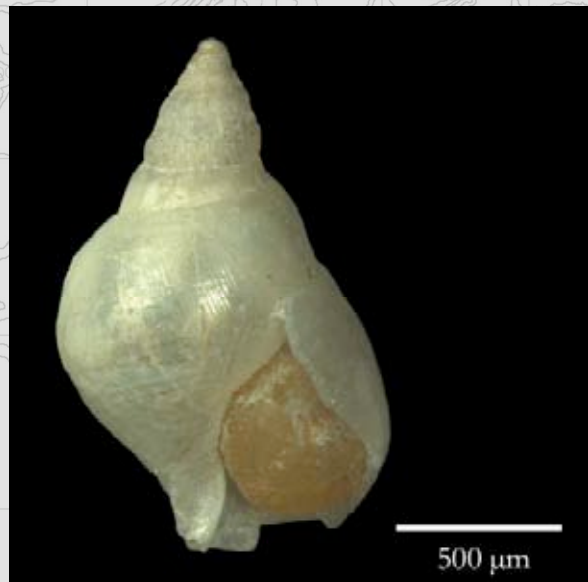
DISTRIBUTION
Typical in the Sargasso Sea, rare in the NE-Atlantic.

ECOLOGY
Lives on the algae *Sargassum*.

NOTES
Only juveniles were found.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet, 2002; Scheltema et al., 1989



from Ampère Seamount

Marshallora adversa
(Montagu, 1803)

Triphoroidea
Triphoridae Gray, 1847
Marshallora Bouchet, 1985

DISTRIBUTION
From Spain to Norway.

ECOLOGY
Lives on sponges, especially *Hymeniacion* and *Halichondria*.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Graham, 1988



from

Cosmotriphora pseudocanarica Bouchet, 1985

Triphoroidea

Triphoridae Gray, 1847

Cosmotriphora Olsson & Harbison, 1953

DISTRIBUTION

Mediterranean and NE Atlantic, shallow sublittoral.

ECOLOGY

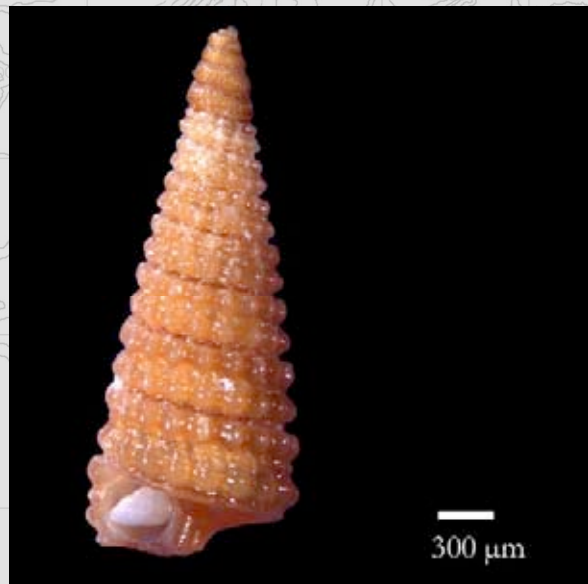
Feeding on sponges?

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Bouchet, 1984



from Ampère Seamount

Metaxia metaxae
(Delle Chiaje, 1828)

Triphoroidea

Triphoridae Gray, 1847

Metaxia Monterosato, 1884

DISTRIBUTION

Mediterranean and NE Atlantic.

ECOLOGY

Feeding on sponges?

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Bouchet, 1984



from Gettysburg Seamount

Strobiliger a brychia
(Bouchet & Guillemot, 1978)

Triphoroidea

Triphoridae Gray, 1847

Strobiliger a Dall, 1924

DISTRIBUTION

Mediterranean and NE Atlantic.

ECOLOGY

Feeding on sponges?

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Bouchet, 1984



from

Cerithiella metula
(Lovén, 1846)

Triphoroidea

Cerithiopsidae Adams H.& A., 1853

Cerithiella Verrill, 1882

DISTRIBUTION

Iceland to Azores, 150-1,600 m.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Ampère Seamount

Cerithiopsis minima
(Brusina, 1865)

Triphoroidea

Cerithiopsidae Adams H.& A., 1853

Cerithiopsis Forbes & Hanley, 1851

DISTRIBUTION

Mediterranean.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Gettysburg Seamount

Cerithiopsis sp.

Triphoroidea

Cerithiopsidae Adams H.& A., 1853

Cerithiopsis Forbes & Hanley, 1851

DISTRIBUTION

unknown

ECOLOGY

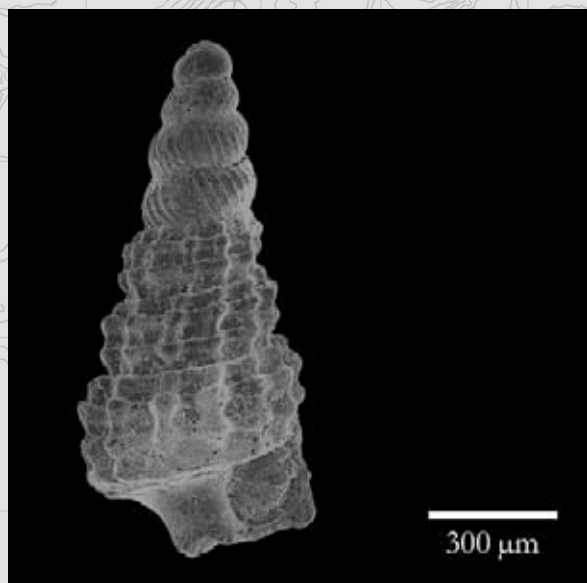
unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Eumetula bouvieri
(Dautzenberg & Fischer, 1896)

Triphoroidea
Cerithiopsidae Adams H.& A., 1853
Eumetula Thiele, 1912

DISTRIBUTION
Bay of Biscay to NW Afrika, banks off Iberian Peninsula and the Azores, bathyal.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Gettysburg Seamount

Krachia tiara
(Monterosato, 1874)

Triphoroidea
Cerithiopsidae Adams H.& A., 1853
Krachia Baluk, 1975

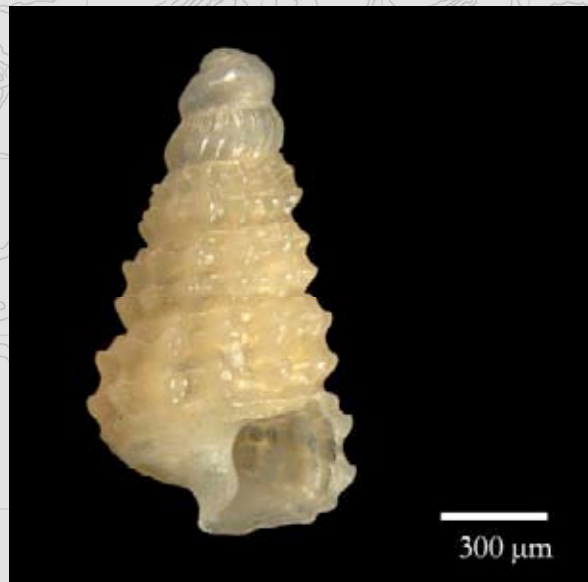
DISTRIBUTION
Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Krachia sp. nov.

Triphoroidea
Cerithiopsidae Adams H.& A., 1853
Krachia Baluk, 1975

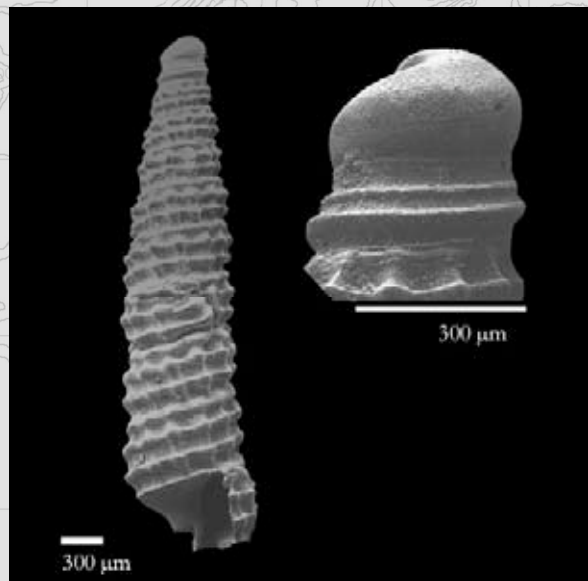
DISTRIBUTION
Endemic on Ampère and Gettysburg Seamount!

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Gettysburg Seamount

Aclis sarsi
Dautzenberg & Fischer, 1912

Janthinoidea

Acilidae Sars G.O., 1878

Aclis Lovén, 1846

DISTRIBUTION

Atlantic.

ECOLOGY

unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Gettysburg Seamount

Epitonium clathratulum
(Kanmacher, 1798)

Janthinoidea

Epitoniidae Berry S.S., 1910

Epitonium Röding, 1798

DISTRIBUTION

Western Mediterranean to Norway, 30-100 m.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Graham, 1988



from Gettysburg Seamount

Epitonium tiberii
(de Boury, 1890)

Janthinoidea

Epitoniidae Berry S.S., 1910 (1812)

Epitonium Röding, 1798

DISTRIBUTION

Continental shelf of S Europe from the northern part of Bay of Biscay, Mediterranean.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1986



from Seine Seamount

Epitonium algerianum
(Weinkauff, 1866)

Janthinoidea

Epitoniidae Berry S.S., 1910

Epitonium Röding, 1798

DISTRIBUTION

Mediterranean and Bay of Biscay, Madeira, 50-400 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1986



from Gettysburg Seamount

Opalia hellenica
(Forbes, 1844)

Janthinoidea

Epitoniidae Berry S.S., 1910

Opalia Adams H. & A., 1853

DISTRIBUTION

Adriatic and SW Mediterranean.

ECOLOGY

unknown

NOTES

First record for the Lusitanian Seamounts.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Punctiscula cerigottana
(Sturany, 1896)

Janthinoidea

Epitoniidae Berry S.S., 1910

Punctiscula de Boury, 1890

DISTRIBUTION

Mediterranean and tropical/subtropical N Atlantic, bathyal.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1986



from Ampère Seamount

Sticteulima jeffreysiana
(Brusina, 1869)

Eulimoidea

Eulimidae Philippi, 1853

Sticteulima Laseron, 1955

DISTRIBUTION

Mediterranean and NE Atlantic.

ECOLOGY

Parasitic.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Eulimidae gen. et spec. indet 3

Eulimoidea

Eulimidae Philippi, 1853

DISTRIBUTION

unknown

ECOLOGY

Parasitic.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Eulimidae gen. et spec. indet
4

Eulimoidea

Eulimidae Philippi, 1853

DISTRIBUTION

unknown

ECOLOGY

Parasitic.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Pelseneeria minor
Koehler & Vaney, 1908

Eulimoidea
Eulimidae Philippi, 1853
Pelseneeria Koehler & Vaney, 1908

DISTRIBUTION
The Azores, Madeira and the Mediterranean.

ECOLOGY
Parasitic on Echinodermata.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1986



from Seine Seamount

Pelseneeria striata
Bouchet & Warén, 1986

Eulimoidea
Eulimidae Philippi, 1853
Pelseneeria Koehler & Vaney, 1908

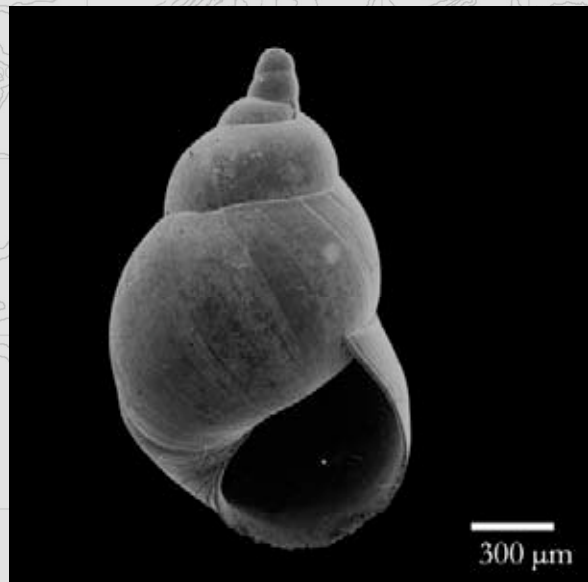
DISTRIBUTION
Only known from the upper part of the slopes off the Azores.

ECOLOGY
Parasitic on Echinodermata.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1986



from Ampère Seamount

Benthonellania fayalensis
(Watson, 1886)

Rissooidea
Rissoidae Gray, 1847
Benthonellania Lozouet, 1990

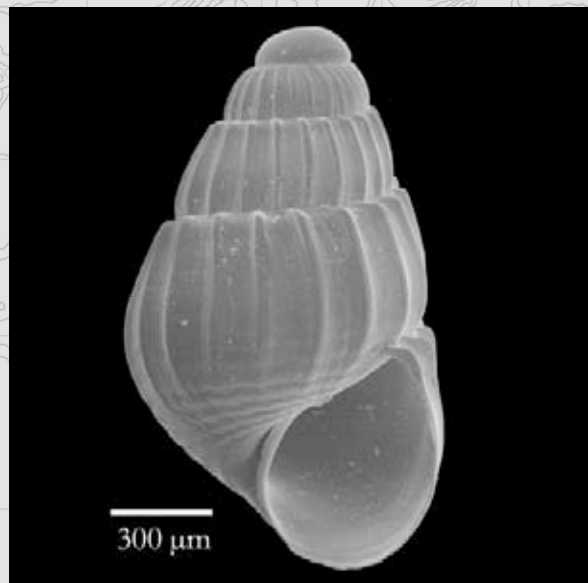
DISTRIBUTION
Endemic to the Azores and the Lusitanian Seamounts!

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Seine Seamount

Benthonella tenella
(Jeffreys, 1869)

Rissooidea
Rissoidae Gray, 1847
Benthonella Dall, 1889

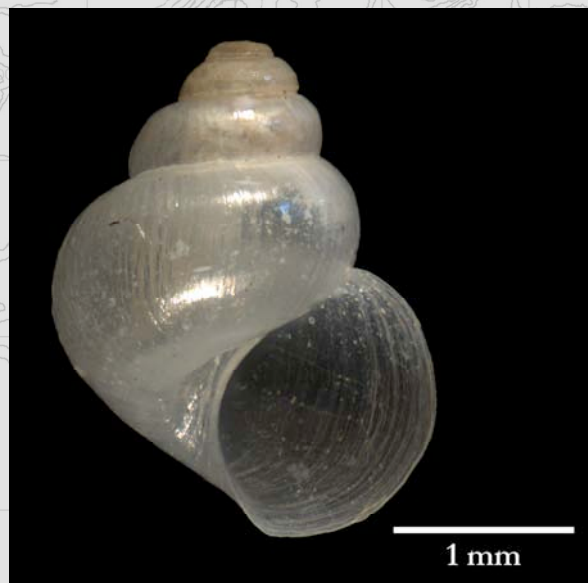
DISTRIBUTION
Widespread in the NE Atlantic and the Mediterranean.

ECOLOGY
Long living larval stages.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Ampère Seamount

Alvania zylensis
Gofas & Warén, 1982

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

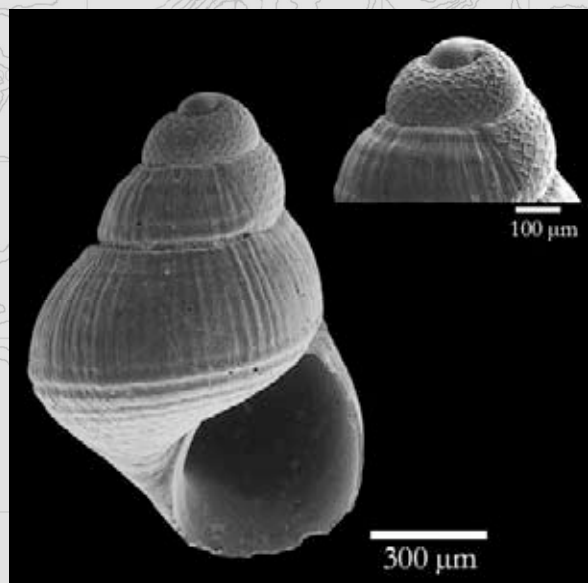
DISTRIBUTION
Mediterranean and Strait of Gibraltar.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Ampère Seamount

Alvania cimicoides
(Forbes, 1844)

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

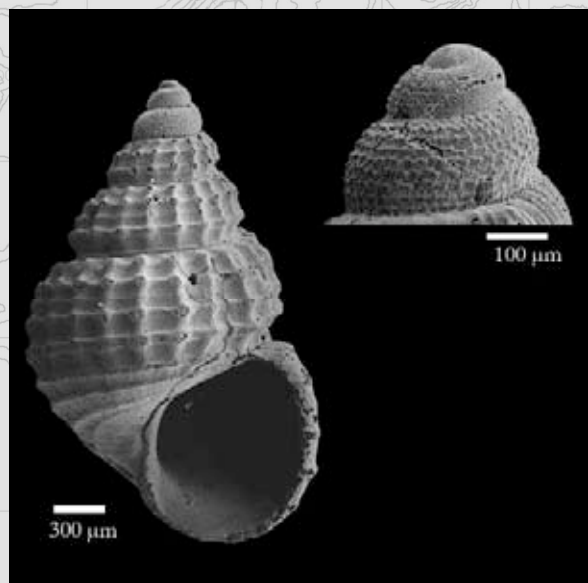
DISTRIBUTION
Arctic to the Mediterranean, bathyal.

ECOLOGY

NOTES

- Seine Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991; Bouchet und Warén, 1993



from Ampère Seamount

Alvania adinogramma
Bouchet & Warén, 1993

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

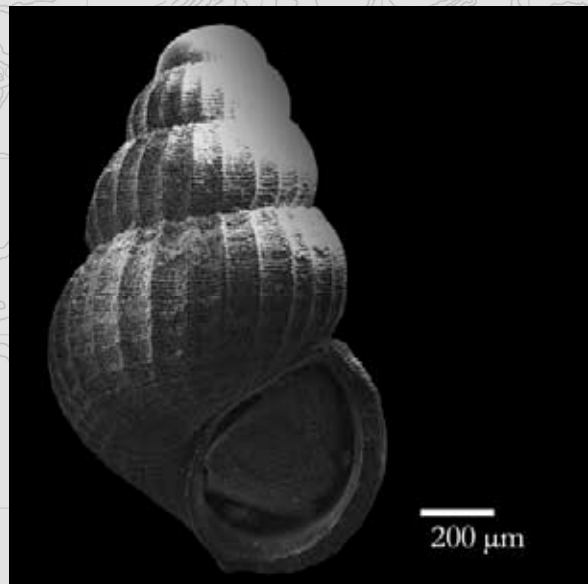
DISTRIBUTION
Mediterranean and adjacent Atlantic, 300-1,000 m.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991; Bouchet und Warén, 1993



from Gettysburg Seamount

Alvania cancellata
(da Costa, 1778)

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

DISTRIBUTION
Southern species, northern limits on the British Isles, usually sublittorally to depth of 90 m.

ECOLOGY
Detritivore.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Graham, 1988



from Seine Seamount

Alvania subcrenulata (Bucquoy,
Dautzenberg & Dollfus, 1884)

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

DISTRIBUTION
? Mediterranean and NE Atlantic.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Ampère Seamount

REFERENCES



from Gettysburg Seamount

Alvania beani
(Hanley in Thorpe, 1844)

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

DISTRIBUTION
Norway to Mediterranean.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Gettysburg Seamount

Alvania sp. 2

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Alvania microstriata
Hoenselaar & Goud, 1998

Rissooidea
Rissoidae Gray, 1847
Alvania Risso, 1826

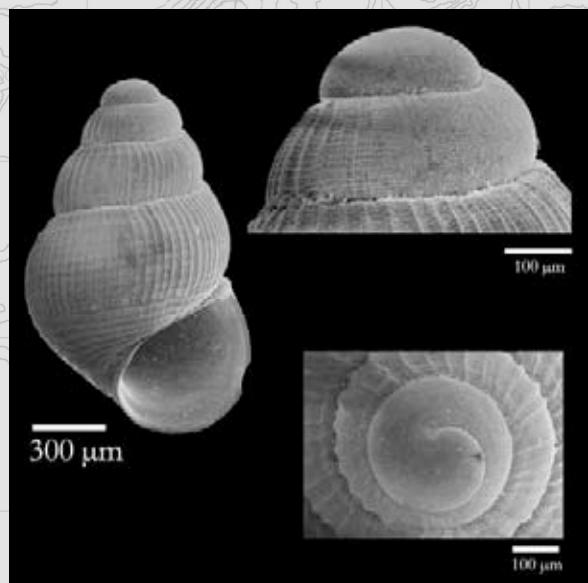
DISTRIBUTION
Only known from the Azores and the Lusitanian seamounts.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Amphirissoa cyclostomoides
Dautzenberg & Fischer, 1897

Rissooidea

Rissoidae Gray, 1847

Amphirissoa Dautzenberg & Fischer H.,

DISTRIBUTION

Vent fields close to the Azores.

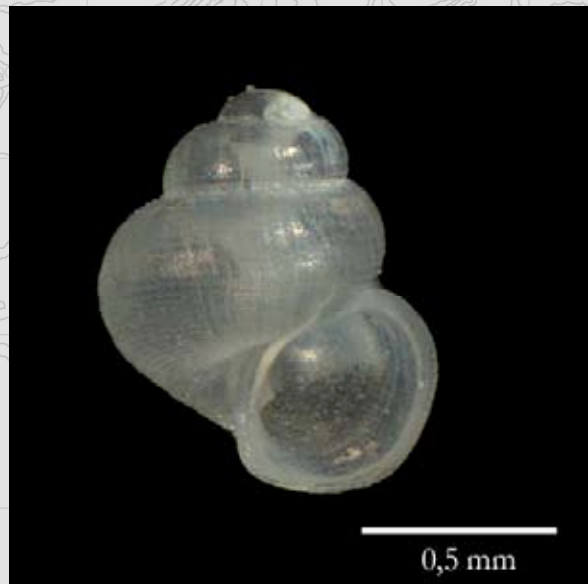
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Sedlo Seamount

Gofasia josephinae
Bouchet & Warén, 1993

Rissooidea

Rissoidae Gray, 1847

Gofasia Bouchet & Warén, 1993

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

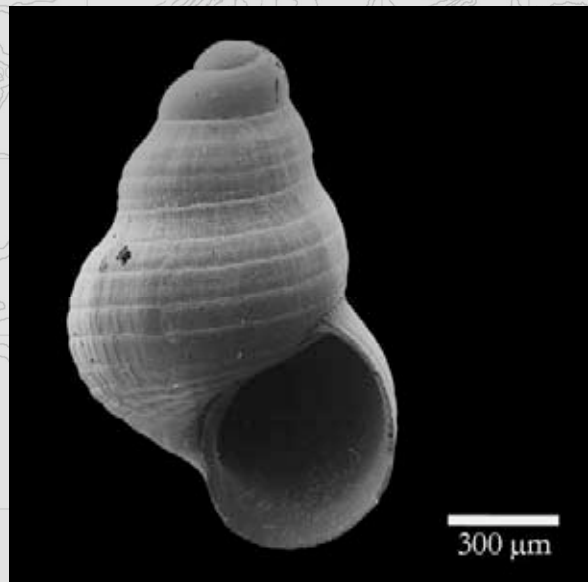
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Ampère Seamount

Gofasia vanderlandi
Bouchet & Warén, 1993

Rissooidea

Rissoidae Gray, 1847

Gofasia Bouchet & Warén, 1993

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

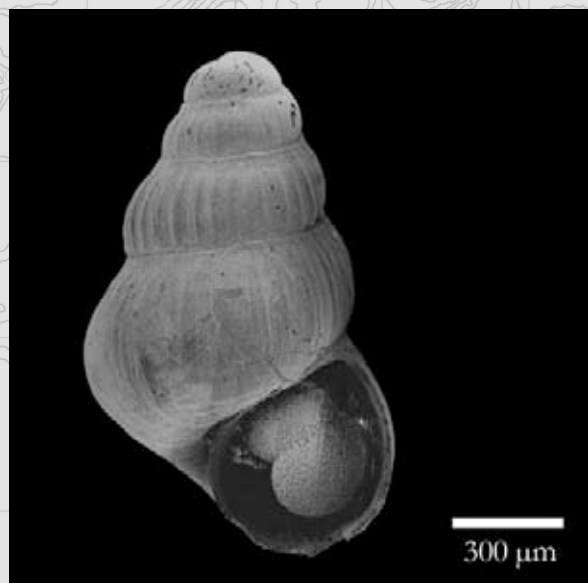
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Ampère Seamount

Gofasia sp. nov.

Rissooidea

Rissoidae Gray, 1847

Gofasia Bouchet & Warén, 1993

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

ECOLOGY

unknown

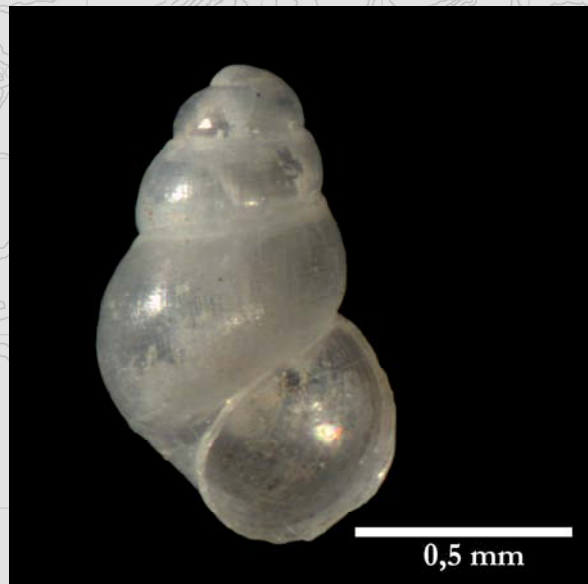
NOTES

Only known from the findings on Ampère Seamount.

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Manzonina sp. nov. 1

Rissooidea

Rissoidae Gray, 1847

Manzonina Brusina, 1870

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

ECOLOGY

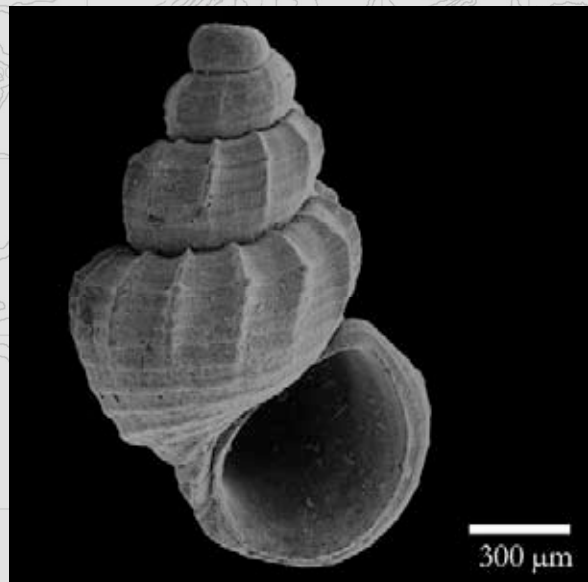
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NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Manzonina sp. nov. 2

Rissooidea

Rissoidae Gray, 1847

Manzonina Brusina, 1870

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

ECOLOGY

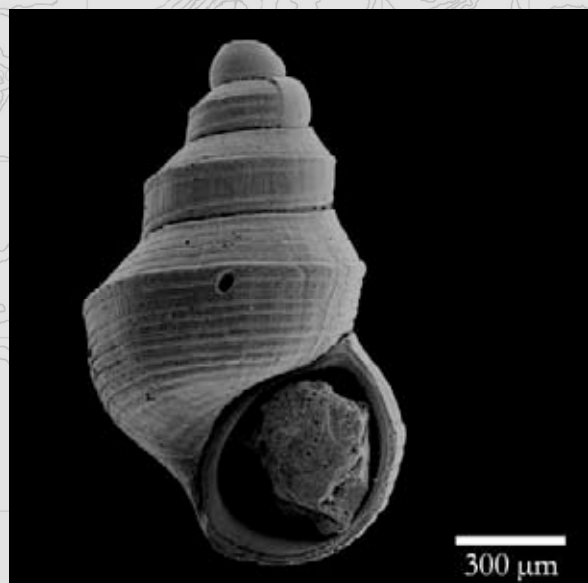
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NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Manzonina sp. nov. 3

Rissooidea

Rissoidae Gray, 1847

Manzonina Brusina, 1870

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

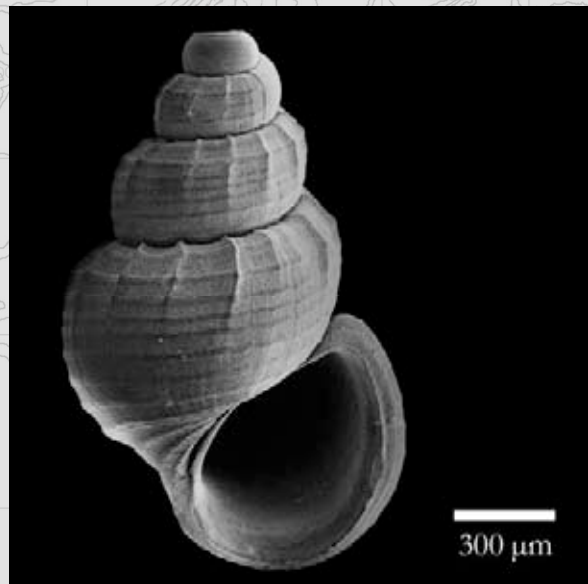
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Pseudosetia amydralox Bouchet & Warén, 1993

Rissooidea

Rissoidae Gray, 1847

Pseudosetia Monterosato, 1884

DISTRIBUTION

North of Spain to the Azores, 155-1,650 m.

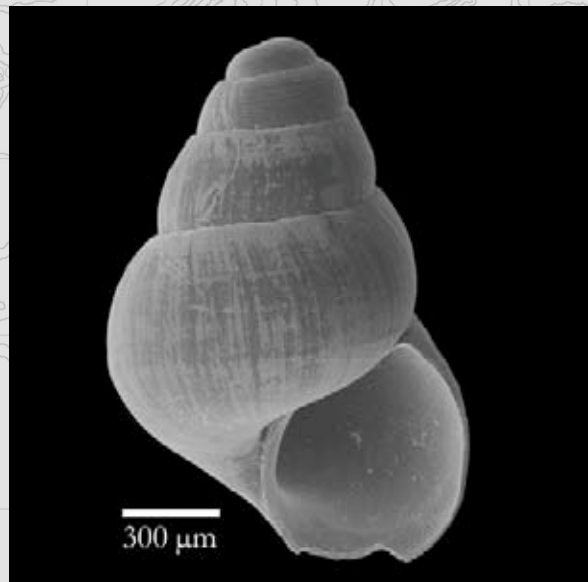
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES

 Bouchet & Warén, 1993

from Seine Seamount

Setia sp.

Rissooidea

Rissoidae Gray, 1847

Setia Adams H. & A., 1854

DISTRIBUTION

unknown

ECOLOGY

unknown

Only few specimens from Ampère Seamount.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Crisilla sp.

Rissooidea
Rissoidae Gray, 1847
Crisilla Monterosata, 1917

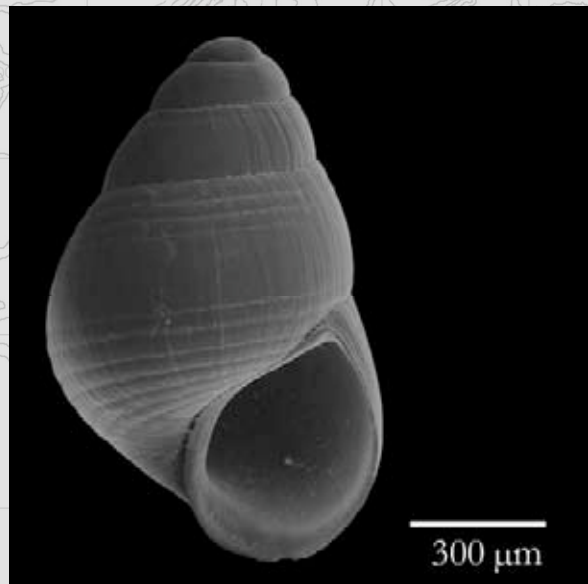
DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Crisilla sp. nov.

Rissooidea
Rissoidae Gray, 1847
Crisilla Monterosata, 1917

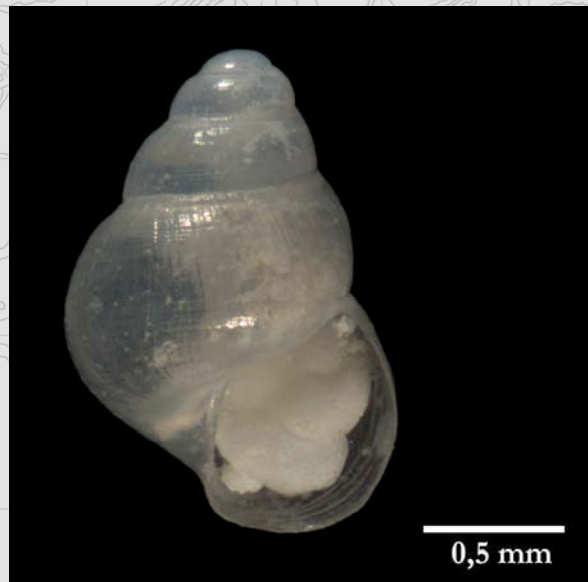
DISTRIBUTION
Endemic of the Lusitanian Seamounts?

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Onoba sp. nov.

Rissooidea
Rissoidae Gray, 1847
Onoba Adams H. & A., 1854

DISTRIBUTION
Endemic of the Lusitanian Seamounts!

ECOLOGY
unknown

NOTES

Only known from Ampère Seamount.

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Rissoidea gen. nov.
et sp. nov.

Rissooidea

Rissoidea Gray, 1847

DISTRIBUTION

Endemic of the Lusitanian Seamounts!

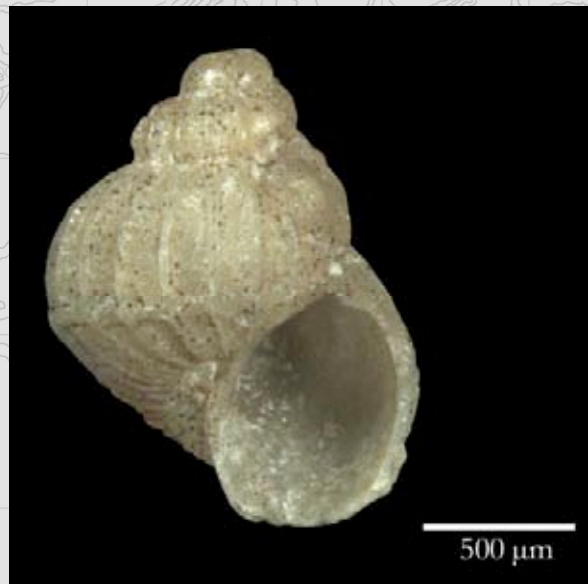
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Teinostoma azoricum
(Dautzenberg & Fischer, 1896)

Rissooidea

Adeorbidae Monterosato, 1884

Teinostoma Adams, 1853

DISTRIBUTION

Atlantic and Mediterranean.

ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Ampère Seamount

Neusas marshalli
(Sykes, 1925)

Rissooidea

Adeorbidae Monterosato, 1884

Neusas Warén & Bouchet, 2001

DISTRIBUTION

Vent fields close to the Azores.

ECOLOGY

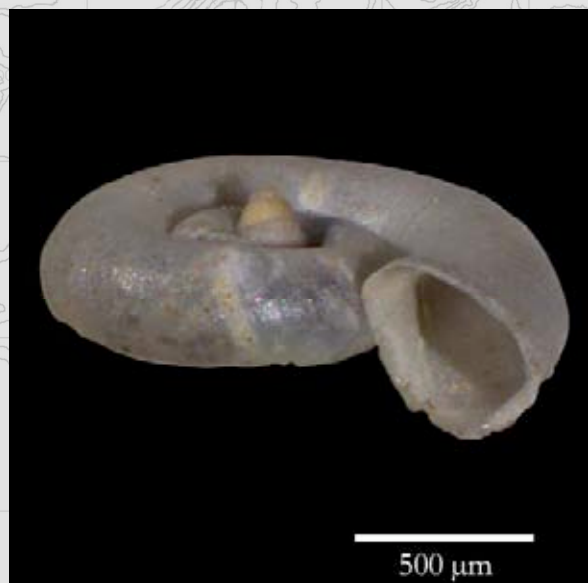
unknown

NOTES

First record from the Lusitanian Seamounts.

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Sedlo Seamount

Circulus supranitidus
(Wood S., 1848)

Rissooidea

Adeorbidae Monterosato, 1884

Circulus Jeffreys, 1865

DISTRIBUTION

Mediterranean and Strait of Gibraltar.

ECOLOGY

unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Sedlo Seamount

Megalomphalus azonus
(Brusina, 1865)

Vanikoroidea

Vanikoridae Gray, 1840

Megalomphalus Brusina, 1875

DISTRIBUTION

Mediterranean.

ECOLOGY

NOTES

First record for the Lusitanian Seamounts.

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Warén & Bouchet, 1988



from Seine Seamount

Xenophora crista
(Koenig, 1825)

Xenophoroidea

Xenophoridae Troschel, 1852

Xenophora Fischer Von Waldheim, 1807

DISTRIBUTION

Mediterranean and NE Atlantic.

ECOLOGY

On mud.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Haloceras carinata
(Jeffreys, 1883)

Calyptraeoidea
Haloceratidae Warén & Bouchet, 1991
Haloceras Dall, 1889

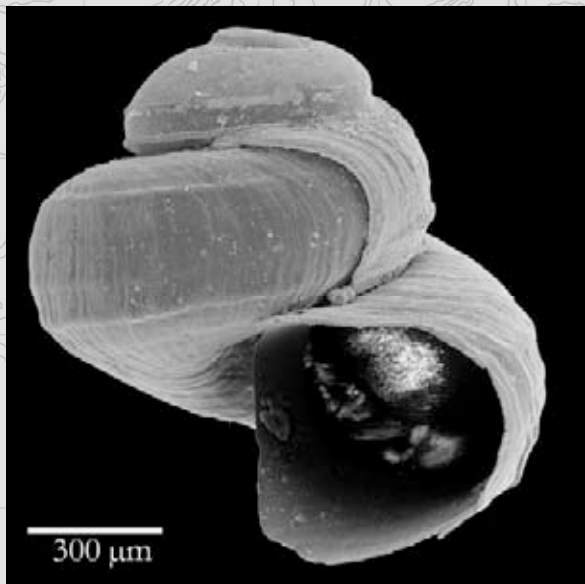
DISTRIBUTION
N Atlantic between 27° N and 42° N, 700-2,075 m.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Seine Seamount

Trivia bitou
Pallary, 1912

Lamellarioidea
Triviidae Troschel, 1863
Trivia Gray, 1837

DISTRIBUTION
Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Pedicularia sicula
Swainson, 1840

Cypraeoidea
Ovulidae Fleming, 1822
Pedicularia Swainson, 1840

DISTRIBUTION
NE Atlantic and Mediterranean, bathyal (in the Mediterranean sometimes lower).

ECOLOGY
Parasitic on stylasterids.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Ampère Seamount

Aperiovula juanjosensii
Perez & Gomez, 1987

Cypraeoidea

Ovulidae Fleming, 1822

Aperiovula Cate, 1973

DISTRIBUTION

unknown

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Tectonatica rizzae
(Philippi, 1844)

Naticoidea

Naticidae Guilding, 1834

Tectonatica Sacco, 1890

DISTRIBUTION

Mediterranean, the Azores and Madeira, 20-400 m.

ECOLOGY

Carnivorous.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1993



from Seine Seamount

Tectonatica sp.

Naticoidea

Naticidae Guilding, 1834

Tectonatica Sacco, 1890

DISTRIBUTION

unknown

ECOLOGY

Carnivorous.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Phalium saburon
(Bruguère, 1792)

Tonnoidea
Cassidae Latreille, 1825
Phalium Link, 1807

DISTRIBUTION
West African margin to the Strait of Gibraltar.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Charonia lampas
(Linné, 1758)

Tonnoidea
Ranellidae Gray, 1854
Charonia Gistel, 1848

DISTRIBUTION
Mainly in the eastern North Atlantic, from the English Channel to Angola and in the Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Gofas & Beu, 2002



from Seine Seamount

Ranella olearium
(Linné, 1758)

Tonnoidea
Ranellidae Gray, 1854
Ranella Gray, 1854

DISTRIBUTION
Eastern Atlantic from SW British Island to Angola.
Rare in the Caribbean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Gofas & Beu, 2002



from Seine Seamount

Bursa ranelloides
(Reeve, 1844)

Tonnoidea

Bursidae Thiele, 1925

Bursa Röding, 1798

DISTRIBUTION

Indo-West-Pacific, Indian Ocean and in the Atlantic.
Azores, Madeira and Canaries.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Gofas & Beu, 2002



from Seine Seamount

Bursa marginata
(Gmelin, 1791)

Tonnoidea

Bursidae Thiele, 1925

Bursa Röding, 1798

DISTRIBUTION

Common West-Atlantic species, known from the
Canaries.

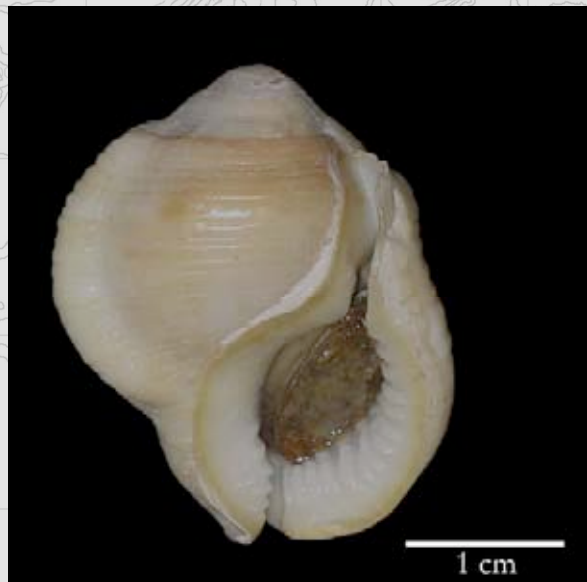
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Gofas & Beu, 2002



from Seine Seamount

Cytharomorula grayi
(Dall, 1889)

Muricoidea

Muricidae Rafinesque, 1815

Cytharomorula Kuroda, 1953

DISTRIBUTION

Caribbean and some E-Atlantic seamounts and
islands; not known from European coasts, 100-200 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1985



from Seine Seamount

Orania fusulus
(Brocchi, 1814)

Muricoidea
Muricidae Rafinesque, 1815
Orania Pallary, 1900

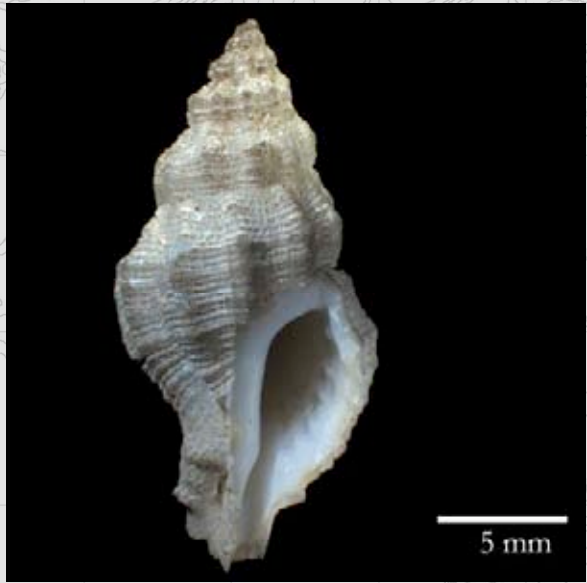
DISTRIBUTION
Western parts of the Mediterranean and westwards to the Atlantic, 35-440 m.

ECOLOGY
Carnivorous (?)

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1985



from Seine Seamount

Ocinebrina cf. aciculata
(Lamarck, 1822)

Muricoidea
Muricidae Rafinesque, 1815
Ocinebrina Jousseaume, 1880

DISTRIBUTION
British Isles and into the Mediterranean.

ECOLOGY
Carnivorous (?)

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Gettysburg Seamount

Fusinus bocagei
(Fischer P., 1882)

Muricoidea
Fascioliariidae Gray, 1853
Fusinus Rafinesque, 1815

DISTRIBUTION

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Gofas, 2000



from Seine Seamount

Kryptos koehleri
(Locard, 1896)

Muricoidea

Buccinidae Rafinesque, 1815

Kryptos Jeffreys, 1896

DISTRIBUTION

Continental slope from the Bay of Biscay to Morocco and also in parts of the Alboran Sea, 800-2,000 m.

ECOLOGY

Probably feeding on detritus and polychaetes.

NOTES

Only reported from deep stations at Seine

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1985, Bouchet & Taviani, 1989



from Seine Seamount

Chauvetia submamillata
(Bucquoy, Dautzenberg & Dollfus, 1882)

Muricoidea

Buccinidae Rafinesque, 1815

Chauvetia Monterosato, 1884

DISTRIBUTION

Mediterranean and the Canaries.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Gettysburg Seamount

Chauvetia brunnea
(Donovan, 1804)

Muricoidea

Buccinidae Rafinesque, 1815

Chauvetia Monterosato, 1884

DISTRIBUTION

Southern part of England and south to the Mediterranean.

ECOLOGY

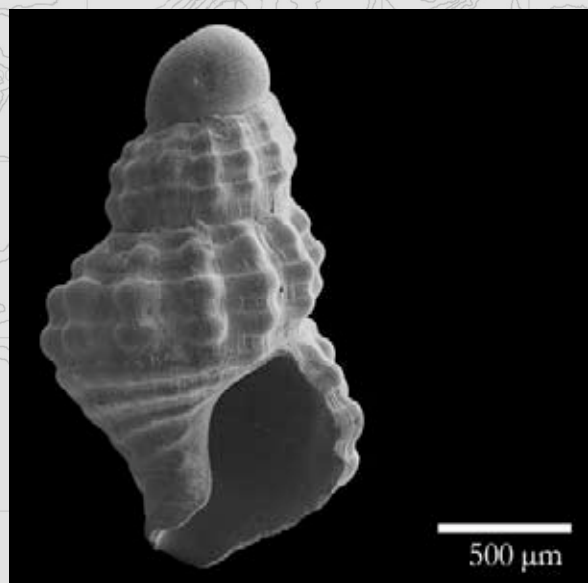
Intertidal down to 60 m.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Belomitra quadruplex
(Watson, 1882)

Muricoidea

Buccinidae Rafinesque, 1815

Belomitra Fischer P., 1882

DISTRIBUTION

Northern Atlantic south to 19° N.

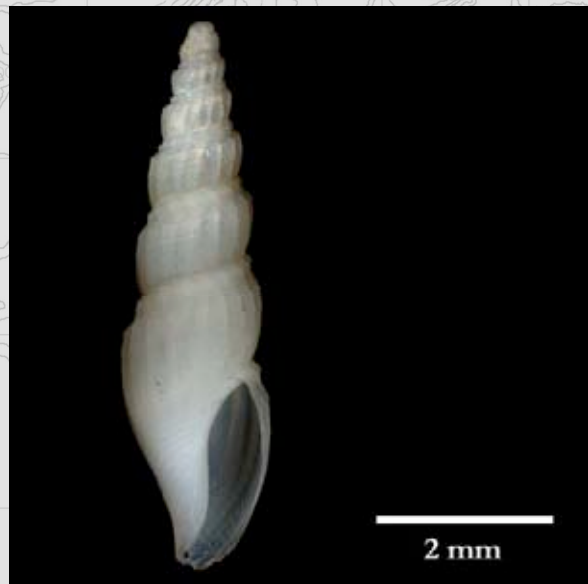
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Coralliophila panormitana
(Monterosato, 1869)

Muricoidea

Coralliophilidae Chenu, 1859

Coralliophila Adams H. & A., 1853

DISTRIBUTION

Atlantic and W Mediterranean.

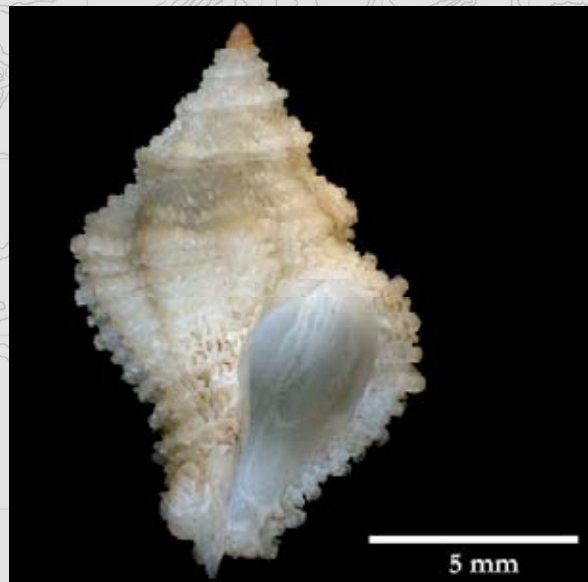
ECOLOGY

Parasitic

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1985



from Seine Seamount

Babelomurex sp.

Muricoidea

Coralliophilidae Chenu, 1859

Babelomurex Coen, 1922

DISTRIBUTION

unknown

ECOLOGY

Parasitic.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Nassarius denticulatus
(Adams A., 1852)

Muricoidea

Nassariidae Iredale, 1916

Nassarius Duméril, 1806

DISTRIBUTION

Mediterranean and adjacent Atlantic, 20-75 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Consolado-Macedo et al., 1999



from Seine Seamount

Nassarius macrodon
recidivus (Martens, 1876)

Muricoidea

Nassariidae Iredale, 1916

Nassarius Duméril, 1806

DISTRIBUTION

E Atlantic off Africa, Canaries and the Azores,
Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Consolado-Macedo et al., 1999



from Seine Seamount

Mitrella pallaryi
(Dautzenberg, 1927)

Muricoidea

Columbellidae Swainson, 1840

Mitrella Risso, 1826

DISTRIBUTION

Western Mediterranean, Canaries and the Azores.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Amphissa acutecostata
(Philippi, 1844)

Muricoidea
Columbellidae Swainson, 1840
Amphissa Adams H. & A., 1853

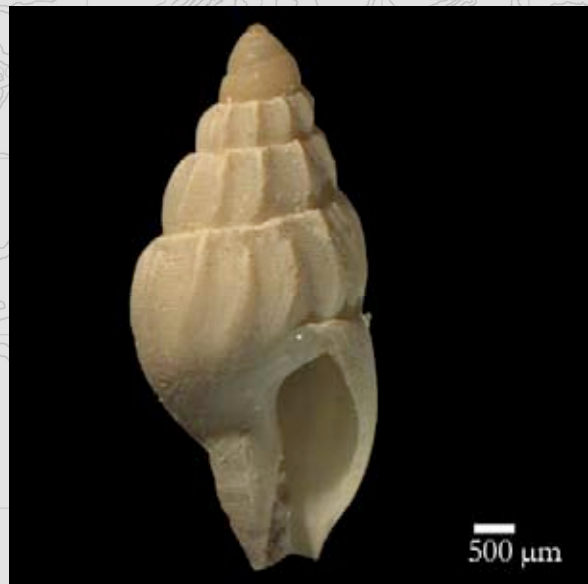
DISTRIBUTION
NE and NW Atlantic, the Azores and in the Mediterranean, 150-700 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Waren, 1985



from Ampère Seamount

Marginella colomborum
(Bozzetti, 1995)

Muricoidea
Marginellidae Fleming, 1828
Marginella Lamarck, 1799

DISTRIBUTION
Endemic to Lusitanian Seamounts.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Teretia teres
(Reeve, 1844)

Conoidea
Conidae Rafinesque, 1815
Teretia Norman, 1888

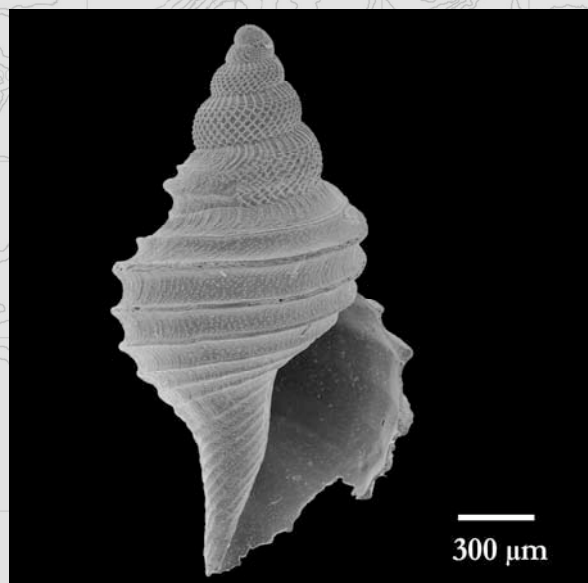
DISTRIBUTION
Atlantic and Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Gymnobela agassizi
(Verrill & Smith, 1880)

Conoidea
Conidae Rafinesque, 1815
Gymnobela Verrill, 1884

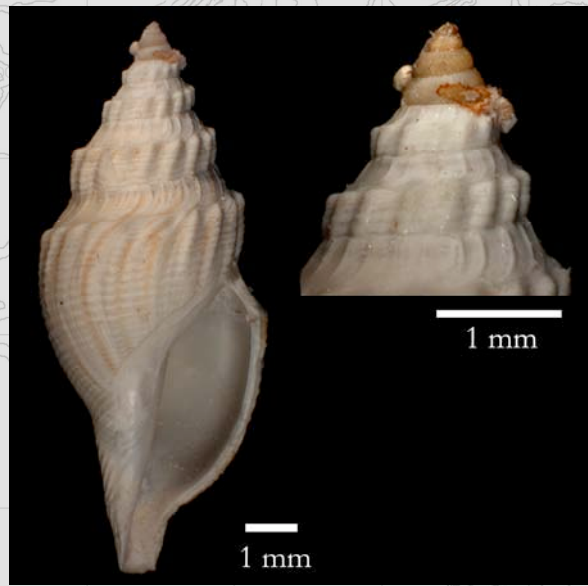
DISTRIBUTION
N Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1980



from Seine Seamount

Neopleurotomoides callembryon
(Dautzenberg & Fischer, 1897)

Conoidea
Conidae Rafinesque, 1815
Neopleurotomoides Shuto, 1971

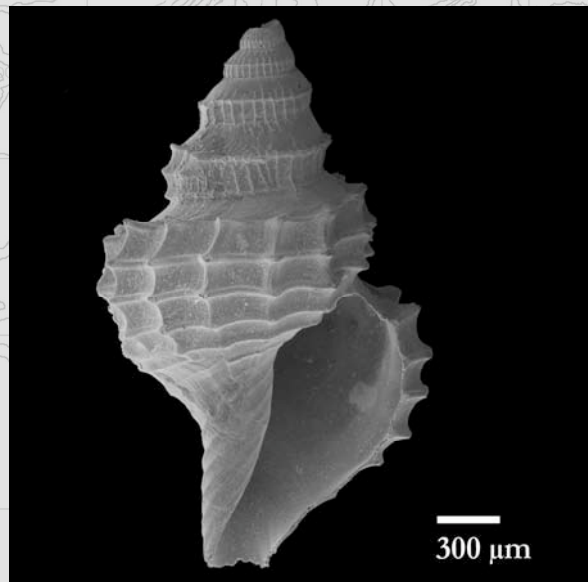
DISTRIBUTION
Few findings from the N Atlantic (MONACO, USNM cruises).

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1980



from Seine Seamount

Pleurotomella demosia
(Dautzenberg & Fischer, 1896)

Conoidea
Conidae Rafinesque, 1815
Pleurotomella Verrill, 1872

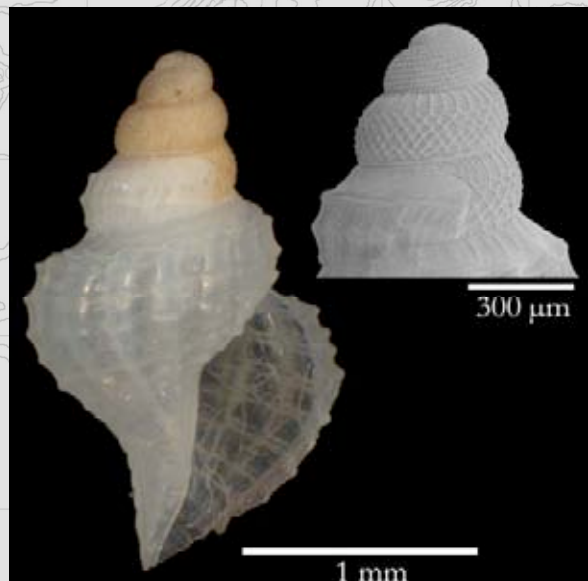
DISTRIBUTION
Only known from 9 stations from MONACO, PORCUPINE and TRAVAILLEUR cruises.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1980



from

Pleurotomella sp.2

Conoidea

Conidae Rafinesque, 1815

Pleurotomella Verrill, 1872

DISTRIBUTION

unknown

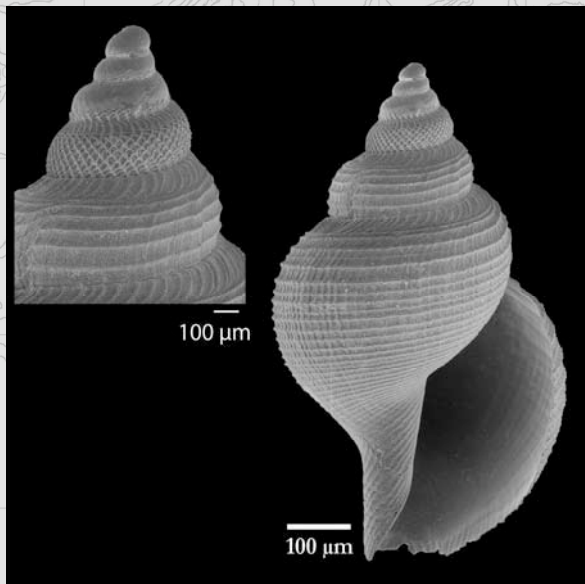
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Mangelia serga (Dall, 1881)

Conoidea

Conidae Rafinesque, 1815

Mangelia Risso, 1826

DISTRIBUTION

Northern Mid-Atlantic and the Mediterranean.

ECOLOGY

No operculum, planktotrophic larval development.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES

Bouchet & Warén, 1980



from Seine Seamount

Lusitanops sp.

Conoidea

Conidae Rafinesque, 1815

Lusitanops Nordsieck, 1968

DISTRIBUTION

unknown

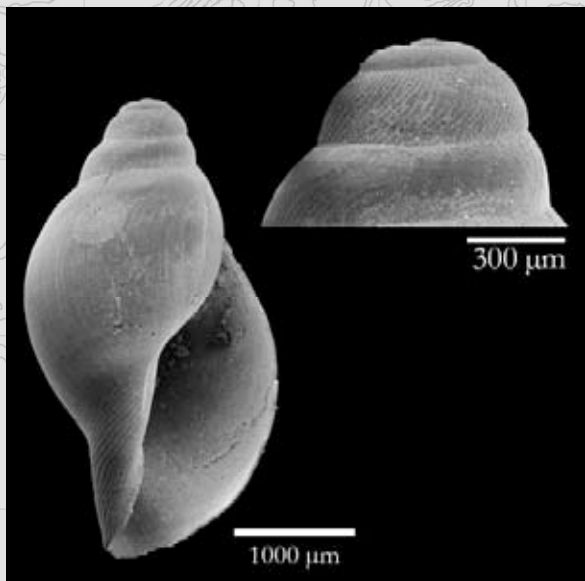
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Crassopleura maravignae
(Bivona, 1838)

Conoidea

Drilliidae Morrison, 1966

Crassopleura Monterosato, 1884

DISTRIBUTION

unknown

ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Spirotropis azoricus
Bouchet & Warén, 1980

Conoidea

Drilliidae Morrison, 1966

Spirotropis Sars G.O., 1878

DISTRIBUTION

Azores.

ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Bouchet & Warén, 1980



from Seine Seamount

Solatisonax alleryi
(Seguenza G., 1876)

Architectonicoidea

Architectonicidae Gray, 1850

Solatisonax Iredale, 1931

DISTRIBUTION

Mediterranean and Atlantic.

ECOLOGY

unknown, parasitic?

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Melone & Taviani, 1982



from Seine Seamount

Pseudomalaxis sp.

Architectonicoidea

Architectonicidae Gray, 1850

Pseudomalaxis Fischer P., 1885

DISTRIBUTION

unknown

ECOLOGY

unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Mathilda cochlaeformis Brugnone, 1873

Architectonicoidea

Mathildidae Dall, 1889

Mathilda Semper, 1865

DISTRIBUTION

Mediterranean and adjacent Atlantic.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES

Poppe & Goto, 1991



from Gettysburg Seamount

Odostomia turrita Hanley, 1844

Pyramidelloidea

Pyramidellidae Gray, 1840

Odostomia Fleming, 1813

DISTRIBUTION

NE Atlantic from Angola up to Norway, the Canary Islands and Madeira also in the Mediterranean.

ECOLOGY

Commensal or parasitic?

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES

Penas & Rolán, 1999



from Seine Seamount

Odostomia sp. 2

Pyramidelloidea

Pyramidellidae Gray, 1840

Odostomia Fleming, 1813

DISTRIBUTION

unknown

ECOLOGY

Commensal or parasitic?

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Eulimella unifasciata (Forbes, 1844)

Pyramidelloidea

Pyramidellidae Gray, 1840

Eulimella Gray, 1847

DISTRIBUTION

N Atlantic, off W Africa down to Angola, the Azores, Canarys and in the Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Penas & Rolán, 1999



from Ampère Seamount

Eulimella sp. 1

Pyramidelloidea

Pyramidellidae Gray, 1840

Eulimella Gray, 1847

DISTRIBUTION

unknown

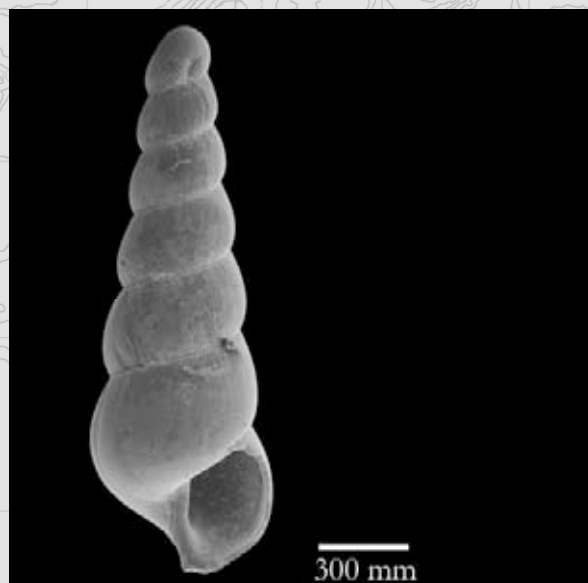
ECOLOGY

unknown

NOTES

- Seine Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Penas & Rolán, 1999



from Seine Seamount

Odostomella doliolum
(Philippi, 1844)

Pyramidelloidea
Pyramidellidae Gray, 1840
Odostomella Bucquoy, Dautzenberg & Dollfus, 1883

DISTRIBUTION
Atlantic and the Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Ampère Seamount

Turbonilla crenata
(Brown, 1827)

Pyramidelloidea
Pyramidellidae Gray, 1840
Turbonilla Risso, 1826

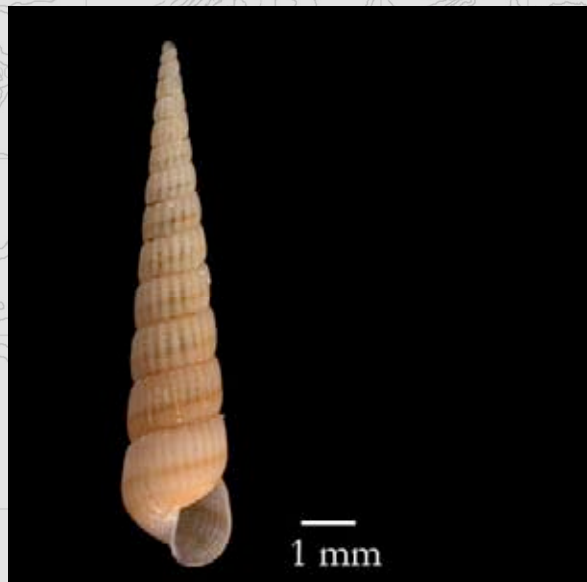
DISTRIBUTION
unknown

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Turbonilla aff. micans
(Monterosato, 1875)

Pyramidelloidea
Pyramidellidae Gray, 1840
Turbonilla Risso, 1826

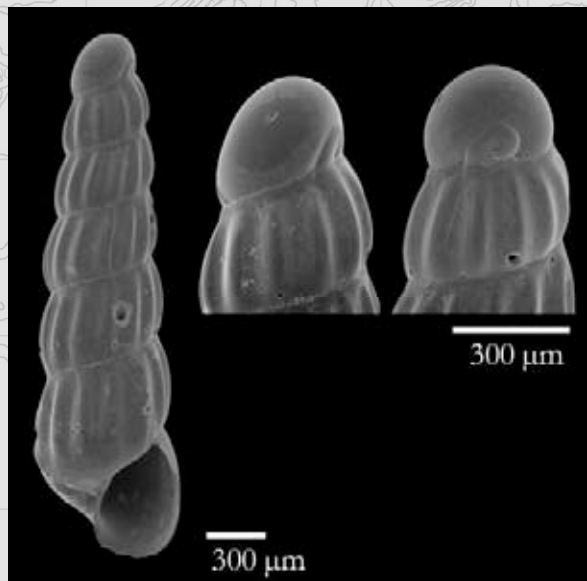
DISTRIBUTION
Mediterranean and E Atlantik off Morrocco. Also on Hyères and Atlantis Bank, until 1,340 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Penas & Rolán, 1999



from Seine Seamount

Turbonilla sp. 2

Pyramidelloidea

Pyramidellidae Gray, 1840

Turbonilla Risso, 1826

DISTRIBUTION

unknown

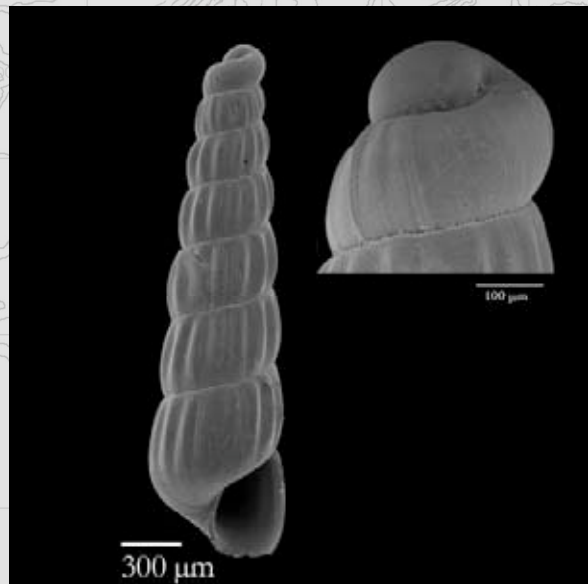
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Atomiscula islandica Warén, 1989

Pyramidelloidea

Pyramidellidae Gray, 1840

Atomiscula de Boury, 1909

DISTRIBUTION

? NE Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Cima cylindrica (Jeffreys, 1856)

uncertain

Cimidae Warén, 1993

Cima Chaster, 1898

DISTRIBUTION

Mediterranean.

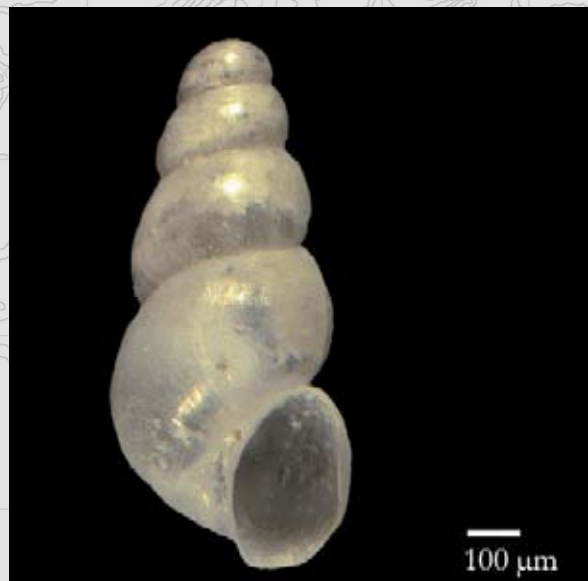
ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES

Poppe & Goto, 1991; Dantart et al., 1990



from Gettysburg Seamount

Graphis gracilis
(Monterosato, 1874)

uncertain

Cimidae Warén, 1993

Graphis Jeffreys, 1867

DISTRIBUTION

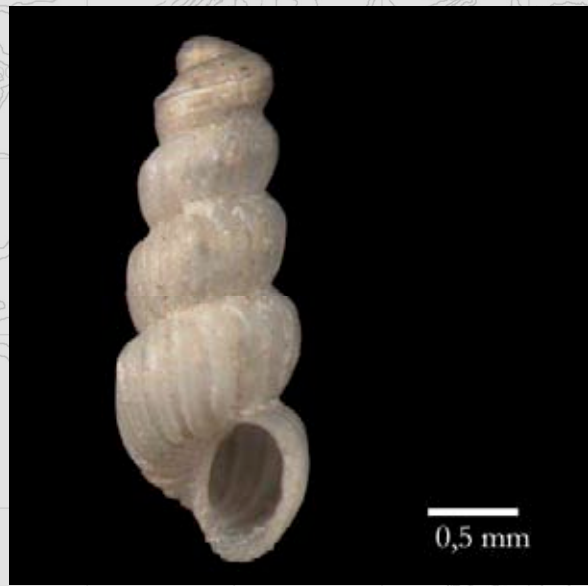
Bay of Biscay and the Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Consolado-Macedo et al., 1999



from Ampère Seamount

Omalogyridae gen. et. spec.
indet. 1

Omalogyroidea

Omalogyridae Sars G.O., 1878

DISTRIBUTION

unknown

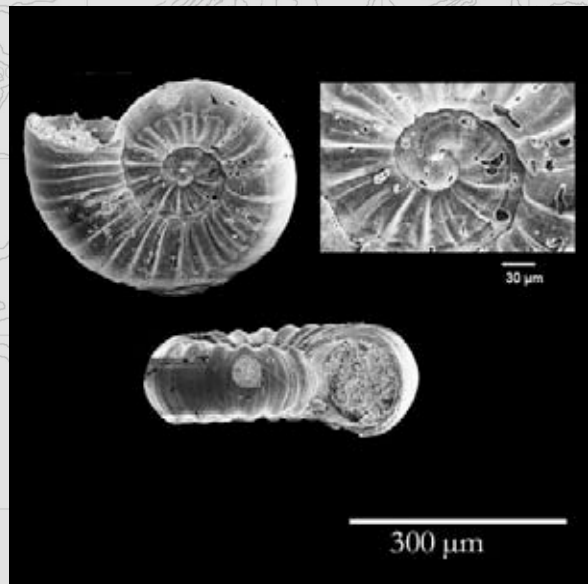
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Omalogyridae gen. et. spec.
indet. 2

Omalogyroidea

Omalogyridae Sars G.O., 1878

DISTRIBUTION

unknown

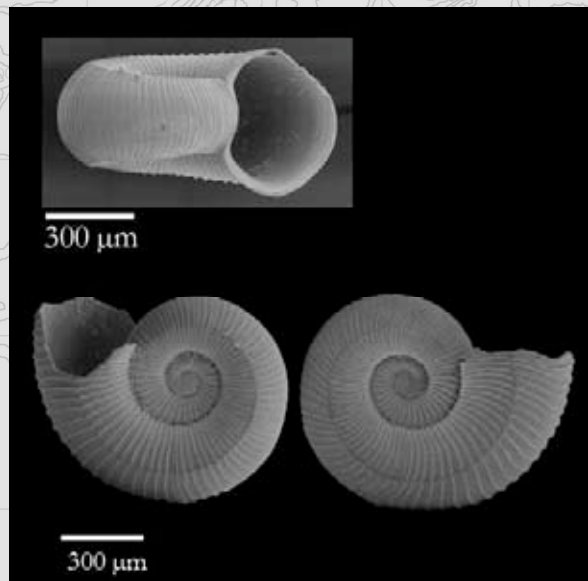
ECOLOGY

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Omalogyridae gen. et. spec. indet. 3

Omalogyroidea
Omalogyridae Sars G.O., 1878

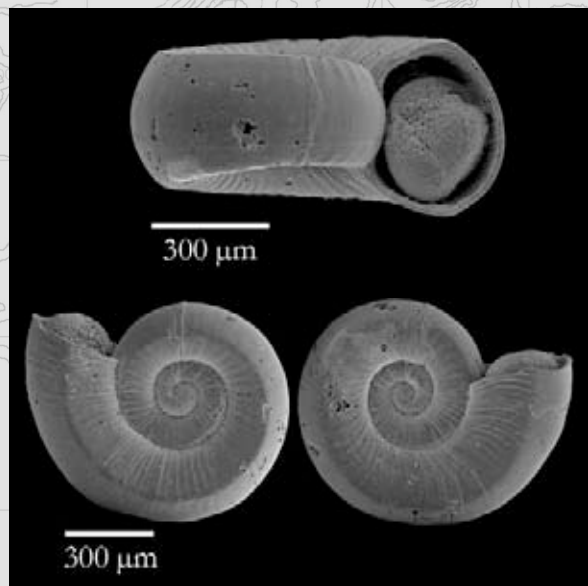
DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

***Retusa obtusa* (Montagu, 1803)**

Cephalaspidea
Retusidae Thiele, 1925
Retusa Brown, 1827

DISTRIBUTION
Iceland and from Scandinavia south to the British Isles, intertidal down to 300 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Ampère Seamount

***Retusa* sp.**

Cephalaspidea
Retusidae Thiele, 1925
Retusa Brown, 1827

DISTRIBUTION
unknown

unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Pyrunculus ovatus
(Jeffreys, 1871)

Cephalaspidea

Retusidae Thiele, 1925

Pyrunculus Pilsbry, 1895

DISTRIBUTION

Amphiatlantic deep-water species, never been recorded alive in the Mediterranean.

ECOLOGY

Feeds on Foraminifera.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Tringali & Oliverio, 2001



from Ampère Seamount

Cylichna alba
(Brown, 1827)

Cephalaspidea

Cylichinidae Adams H. & A., 1854

Cylichna Lovén, 1846

DISTRIBUTION

Off NW Ireland, Shetlands.

ECOLOGY

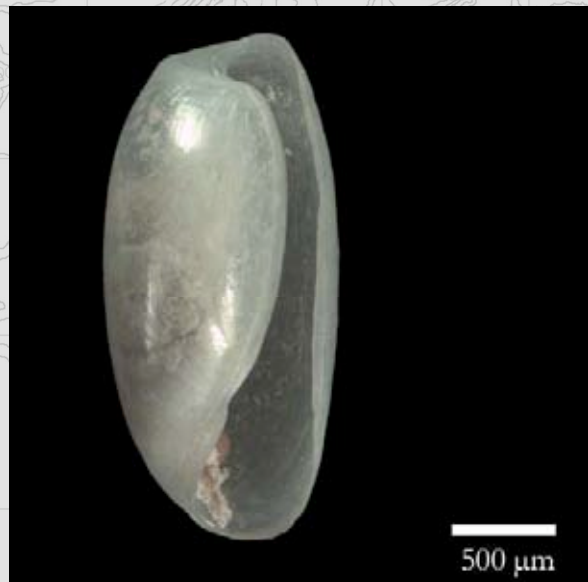
unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Ampère Seamount

Acteocina sp.

Cephalaspidea

Cylichinidae Adams H. & A., 1854

Acteocina Gray, 1847

DISTRIBUTION

unknown

ECOLOGY

unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Philine condens
van der Linden, 1995

Cephalaspidea
Philinidae Gray, 1850
Philine Ascanius, 1772

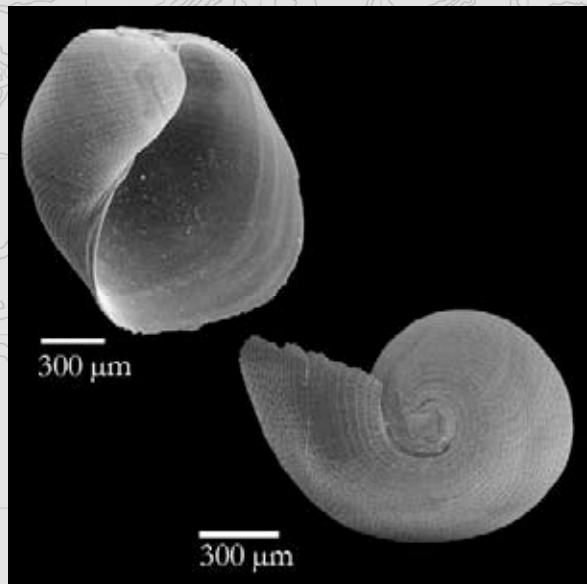
DISTRIBUTION
Around the Azores and the Canary Islands in
110-620 m.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Van der Linden, 1995



from Seine Seamount

Laona sp.

Cephalaspidea
Philinidae Gray, 1850
Laona Adams A., 1865

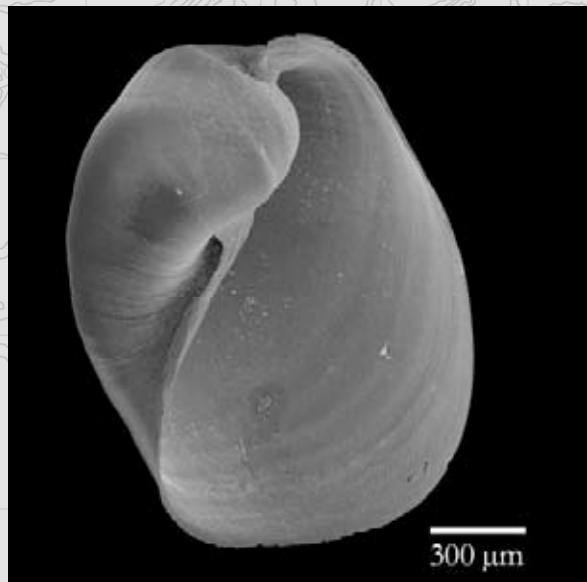
DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Japonacteon pusillus
(MacGillivray, 1843)

Cephalaspidea
Acteonidae d'Orbigny, 1842
Japonacteon Taki, 1956

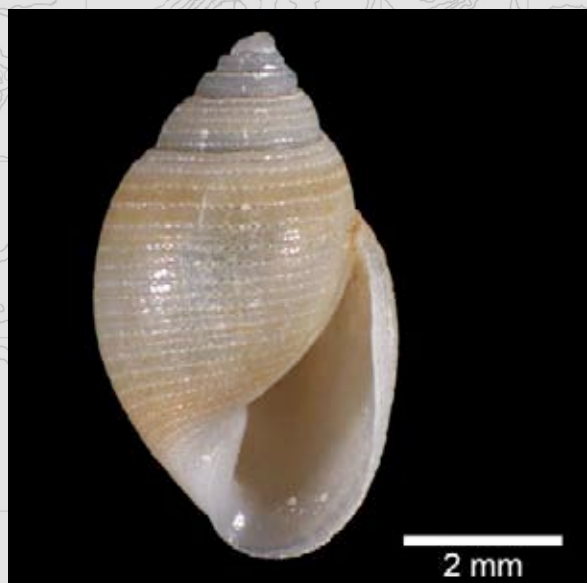
DISTRIBUTION
Atlantic and Mediterranean, from the deep circalitoral
to the bathyal.

ECOLOGY
Always on muddy and muddy-detritic bottoms.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Smriglio & Mariottini, 1996; Poppe & Goto 1991



from Seine Seamount

Crenilabrum exile
(Jeffreys, 1870)

Cephalaspidea
Acteonidae d'Orbigny, 1842
Crenilabrum Kobelt, 1892

DISTRIBUTION
Atlantic and Mediterranean.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Gettysburg Seamount

Haminoea sp.

Cephalaspidea
Hamnioidae
Haminoea Turton & Kingston, 1830

DISTRIBUTION
unknown

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Anidolyta duebeni
(Lovén, 1846)

Notaspidea
Tylodinidae Gray, 1847
Anidolyta Willan, 1987

DISTRIBUTION

ECOLOGY
Most probably feeding on sponges.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Warén, 1996



from Ampère Seamount

Tylodina perversa
(Gmelin, 1791)

Notaspidea

Tylodinidae Gray, 1847

Tylodina Rafinesque, 1819

DISTRIBUTION

Mediterranean and the Canaries.

ECOLOGY

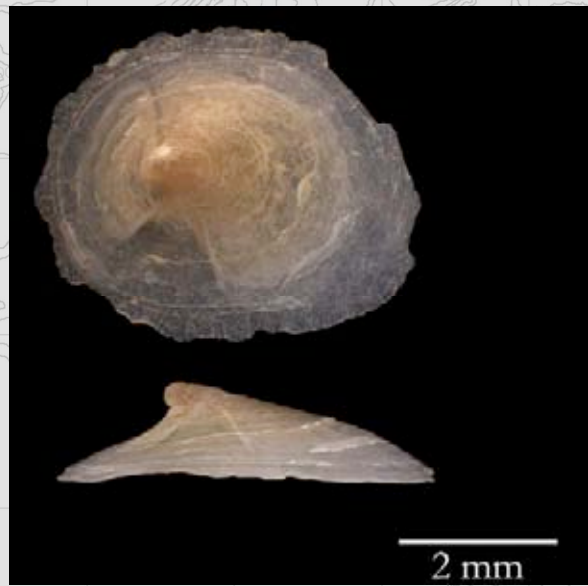
Feeding on sponges.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1991



from Seine Seamount

Williamia gussonii
(Costa O.G., 1829)

Notaspidea

Siphonariidae Gray, 1827

Williamia Monterosato, 1884

DISTRIBUTION

unknown

ECOLOGY

unknown

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Nucula sp.

Nuculoida

Nuculidae Gray, 1824

Nucula Lamarck, 1799

DISTRIBUTION

unknown

ECOLOGY

Soft substrates.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Yoldiella messanensis
(Jeffreys, 1870)

Nuculoida

Yoldiidae Glibert & van de Poel, 1965

Yoldiella Verrill & Bush, 1897

DISTRIBUTION

Atlantic and Mediterranean, 80-4,500 m.

ECOLOGY

Soft substrates.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993; Salas, 1996



from Seine Seamount

Yoldia minima
Seguenza G., 1877

Nuculoida

Yoldiidae Glibert & van de Poel, 1965

Yoldia Møller, 1842

DISTRIBUTION

NE Atlantic and Mediterranean and Black Sea.

ECOLOGY

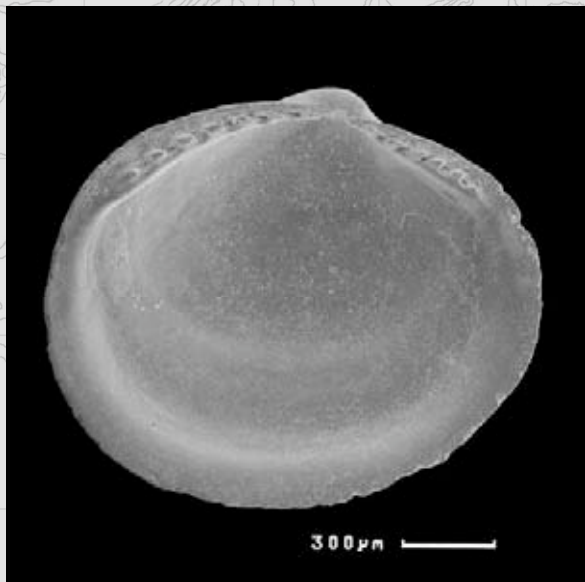
Soft substrates.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Asperarca nodulosa
(Müller O.F., 1776)

Arcidea

Arcidae Lamarck, 1809

Asperarca Sacco, 1898

DISTRIBUTION

Mediterranean and adjacent Atlantic.

ECOLOGY

Attached by byssus.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993; Salas, 1996



from Gettysburg Seamount

Arca tetragona
Poli, 1795

Arcidea

Arcidae Lamarck, 1809

Arca Linné, 1758

DISTRIBUTION

Atlantic and Mediterranean.

ECOLOGY

Prefers cryptic habitats.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Bathyarca pectunculoides
(Scacchi, 1834)

Arcidea

Arcidae Lamarck, 1809

Bathyarca Kobelt, 1891

DISTRIBUTION

Mediterranean, NE Atlantic and the Azores in
40-1,000 m depth.

ECOLOGY

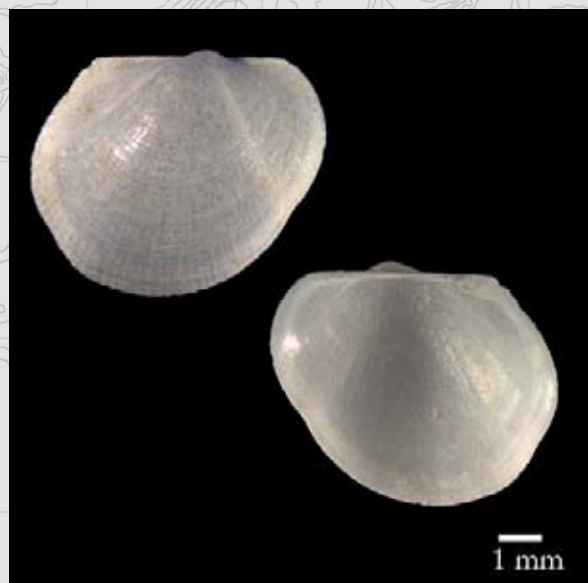
On mud.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993; Salas, 1996



from Ampère Seamount

Bathyarca philippiana
(Nyst, 1848)

Arcidea

Arcidae Lamarck, 1809

Bathyarca Kobelt, 1891

DISTRIBUTION

Mediterranean and Azores.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993, Salas, 1996



from Seine Seamount

Limopsis aurita
(Brocchi, 1814)

Limopsidea
Limopsidae Dall, 1895
Limopsis Sassi, 1827

DISTRIBUTION
Amphiatlantic species, down to 900 m depth.

ECOLOGY
Indicator of strong bottom currents.

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993; Salas 1996; Tebble, 1976



from Seine Seamount

Limopsis friedbergi
Glibert & van de Poel, 1965

Limopsidea
Limopsidae Dall, 1895
Limopsis Sassi, 1827

DISTRIBUTION
? NE Atlantic and into the Mediterranean.

ECOLOGY
Indicator of strong bottom currents.

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996



from Ampère Seamount

Limopsis angusta
Jeffreys, 1879

Limopsidea
Limopsidae Dall, 1895
Limopsis Sassi, 1827

DISTRIBUTION
Moroccan Gulf, Western Mediterranean and adjacent Atlantic.

ECOLOGY
Indicator of strong bottom currents.

NOTES

- Seine Seamount Gettysburg Seamount
- Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Limopsis minuta
(Philippi, 1836)

Limopsidea

Limopsidae Dall, 1895

Limopsis Sassi, 1827

DISTRIBUTION

Amphiatlantic species.

ECOLOGY

Indicator of strong bottom currents.

NOTES

Rare amongst the *Limopsis* spp. on the seamounts.

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Glycymeris glycymeris
(Linné, 1758)

Arcoida

Glycymerididae Newton, 1916

Glycymeris da Costa, 1778

DISTRIBUTION

Atlantic and Mediterranean.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Gregariella petagnae
(Scacchi, 1832)

Mytiloidea

Mytilidae Rafinesque, 1815

Gregariella Monterosato, 1883

DISTRIBUTION

Mediterranean and Atlantic south to Angola.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Dacrydium wareni
Salas & Gofas, 1997

Mytiloidea
Mytilidae Rafinesque, 1815
Dacrydium Torell, 1859

DISTRIBUTION
unknown

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Sedlo Seamount

Modiolula phaseolina
(Philippi, 1844)

Mytiloidea
Mytilidae Rafinesque, 1815
Modiolula Sacco, 1898

DISTRIBUTION
Norway to Morocco and the Mediterranean.

ECOLOGY
Attached by byssus.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Pteria hirundo
(Linné, 1758)

Pterioidea
Pteriidae Gray, 1847
Pteria Scopoli, 1777

DISTRIBUTION
NE Atlantic and Mediterranean, Azores.

ECOLOGY
Attached by byssus.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Parvamussium fenestratum
(Forbes, 1844)

Pterioida

Propeamussidae Abbott, 1954

Parvamussium Sacco, 1897

DISTRIBUTION

British Isles to Gibraltar, Azores and Canaries, 50 - 2,000 m.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Dijkstra & Gofas, 2004



from Seine Seamount

Parvamussium propinquum
(Smith E.A., 1885)

Pterioida

Propeamussidae Abbott, 1954

Parvamussium Sacco, 1897

DISTRIBUTION

Subtropical E Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Dijkstra & Gofas, 2005



from Seine Seamount

Similipecten similis
(Laskey, 1811)

Pterioida

Propeamussidae Abbott, 1954

Similipecten Winckworth, 1932

DISTRIBUTION

ECOLOGY

On coarse sand.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993; Dijkstra & Gofas, 2004



from Gettysburg Seamount

Aequipecten commutatus
(Monterosato, 1875)

Pterioida

Pectinidae Rafinesque, 1815

Aequipecten Fischer P., 1886

DISTRIBUTION

Mediterranean and adjacent Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Dijkstra & Gofas, 2004



from Ampère Seamount

Palliolum incomparabile
(Risso, 1826)

Pterioida

Pectinidae Rafinesque, 1815

Palliolum Monterosato, 1884

DISTRIBUTION

Boreal to tropical NE Atlantic, Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Dijkstra & Gofas, 2004



from Gettysburg Seamount

Chlamys multistriata
(Poli, 1795)

Pterioida

Pectinidae Rafinesque, 1815

Chlamys Röding, 1798

DISTRIBUTION

Mediterranean and Atlantic until South Africa, not northwards into the NE Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Dijkstra & Gofas, 2004



from Gettysburg Seamount

Chlamys pesfelis
(Linné, 1758)

Pterioida

Pectinidae Rafinesque, 1815

Chlamys Röding, 1798

DISTRIBUTION

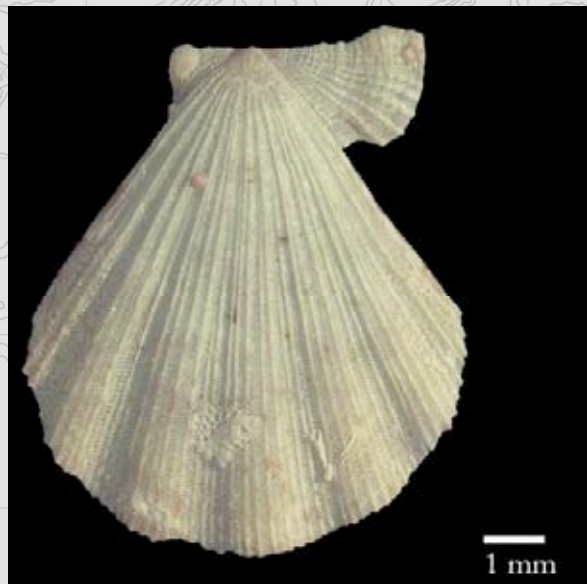
Mediterranean and adjacent Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Dijkstra & Gofas, 2004



from Gettysburg Seamount

Lima lima
(Linné, 1758)

Pterioida

Limidae Rafinesque, 1815

Lima Bruguière, 1797

DISTRIBUTION

Atlantic and Mediterranean, normally in 3-100 m depth.

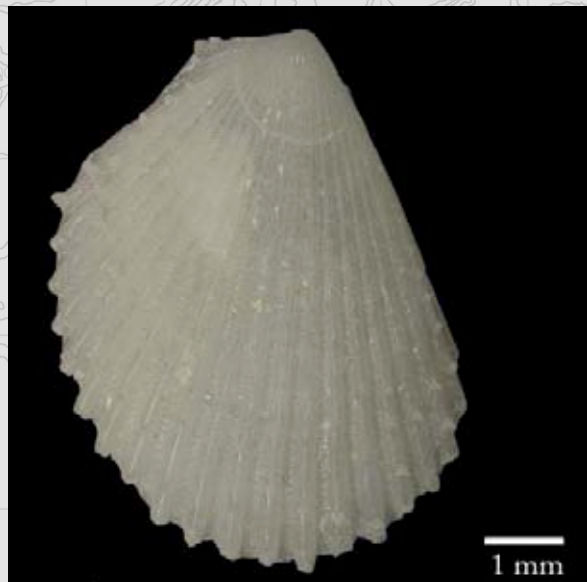
ECOLOGY

Attached by byssus.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Lima marioni
Fischer P., 1882

Pterioida

Limidae Rafinesque, 1815

Lima Bruguière, 1797

DISTRIBUTION

In Europe from Morocco to the Gulf of Gascogne also found alive on Rockall Bank.

ECOLOGY

NOTES

Seems to indicate an influence of MOW!

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Limaria hians
(Gmelin, 1791)

Pterioida

Limidae Rafinesque, 1815

Limaria Link, 1807

DISTRIBUTION

Norway to Mediterranean.

ECOLOGY

Able to swim!

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Tebble, 1976



from Gettysburg Seamount

Limatula subauriculata
(Montagu, 1808)

Pterioida

Limidae Rafinesque, 1815

Limatula Wood S.V., 1839

DISTRIBUTION

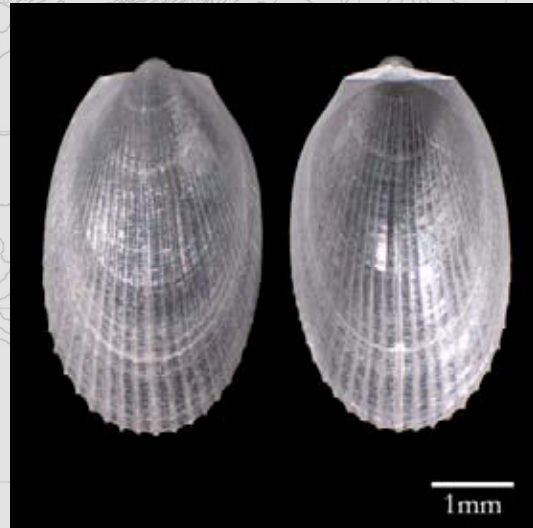
Atlantic and Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Limatula gwyni
(Sykes, 1903)

Pterioida

Limidae Rafinesque, 1815

Limatula Wood S.V., 1839

DISTRIBUTION

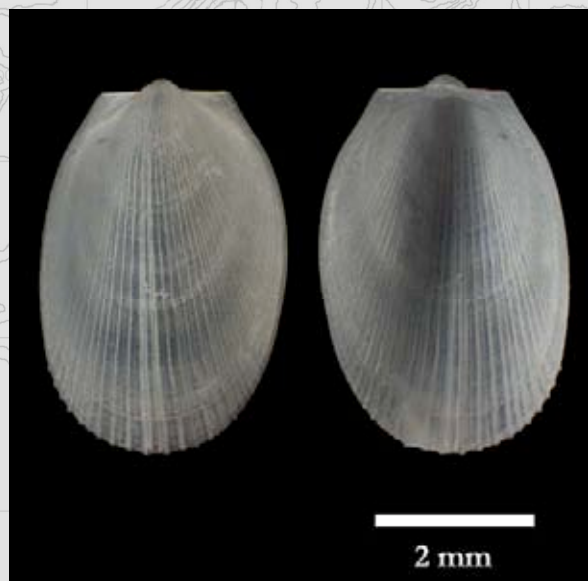
Cosmopolitan.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Seine Seamount

Notolimea crassa
(Forbes, 1844)

Pterioida

Limidae Rafinesque, 1815

Notolimea Iredale, 1924

DISTRIBUTION

NE Atlantic and Mediterranean, Azores.

ECOLOGY

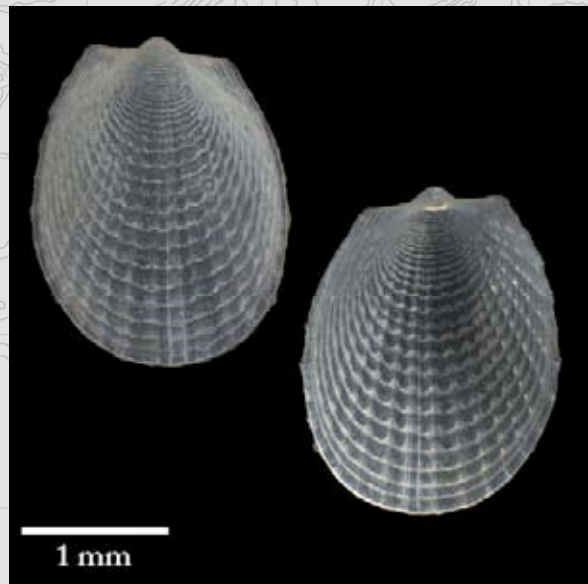
On muddy substrate.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Seine Seamount

Neopycnodonte cochlear
(Poli, 1795)

Pterioida

Gryphaeidae Vyalov, 1936

Neopycnodonte Stenzel, 1971

DISTRIBUTION

Norway to Mediterranean.

ECOLOGY

Sessile on hard substrate.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Thyasira succisa
(Jeffreys, 1876)

Veneroidea

Thyasiridae Dall, 1900

Thyasira Lamarck, 1818

DISTRIBUTION

NE Atlantic and Mediterranean, Azores.

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993, Olliver & Killeen, 2002



from Seine Seamount

Chama gryphoides
Linné, 1758

Veneroida
Chamidae Lamarck, 1809
Chama Linné, 1758

DISTRIBUTION
Mediterranean and adjacent Atlantic.

ECOLOGY
Hard substrates.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Seine Seamount

Bornia sebetia
(Costa O.G., 1829)

Veneroida
Kellidae Forbes & Hanley, 1849
Bornia Philippi, 1836

DISTRIBUTION
Mediterranean and adjacent Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Kellia sp. nov.

Veneroida
Kellidae Forbes & Hanley, 1849
Kellia Turton, 182

DISTRIBUTION
unknown

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Sedlo Seamount

Mysella bidentata
(Montagu, 1803)

Veneroida

Montacutidae Clark W., 1855

Mysella Angas, 1877

DISTRIBUTION

Norway to Mediterranean and Black Sea.

ECOLOGY

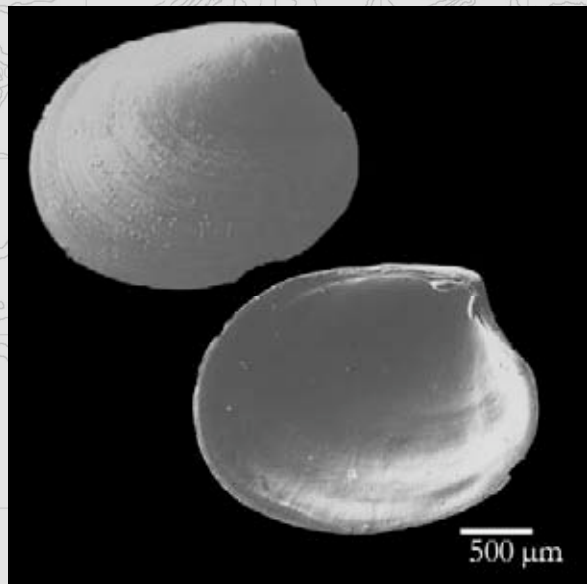
Sometimes associated with sipunculids or ophiuroids.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993; Tebble, 1976



from Gettysburg Seamount

Mysella sp.

Veneroida

Montacutidae Clark W., 1855

Mysella Angas, 1877

DISTRIBUTION

unknown

ECOLOGY

NOTES

Probably *Mysella ovata* by Jeffreys, never cited again.

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Montacuta ferruginosa
(Montagu, 1808)

Veneroida

Montacutidae Clark W., 1855

Montacuta Turton, 1822

DISTRIBUTION

Northern Norway into the Mediterranean.

ECOLOGY

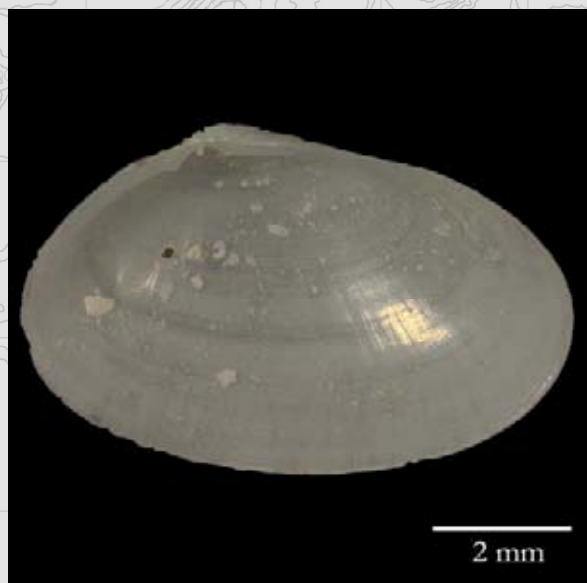
Particularly in fine muddy sand.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Gettysburg Seamount

Cardita calyculata
(Linné, 1758)

Veneroida

Carditidae Fleming, 1828

Cardita Bruguière, 1792

DISTRIBUTION

Abundant in the Mediterranean, adjacent Atlantic.

ECOLOGY

Hard substrates.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Astarte sulcata
(da Costa, 1778)

Veneroida

Astartidae d'Orbigny, 1844

Astarte Sowerby J., 1816

DISTRIBUTION

NE Atlantic and Mediterranean.

ECOLOGY

On soft substrate.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Seine Seamount

Papillicardium papillosum
(Poli, 1791)

Veneroida

Cardiidae Lamarck, 1809

Papillicardium Sacco, 1899

DISTRIBUTION

Atlantic and Mediterranean, between 1 and 40 m.

ECOLOGY

On coarse sand.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Gettysburg Seamount

Gari costulata
(Turton, 1822)

Veneroida

Psammobiidae Fleming, 1828

Gari Schumacher, 1817

DISTRIBUTION

NE Atlantic and Mediterranean.

ECOLOGY

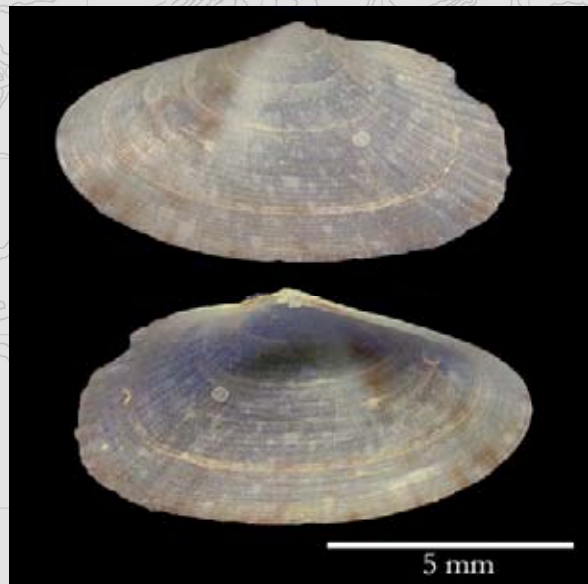
On muddy substrate.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Vesicomya sp.

Veneroida

Vesicomyiidae Dall & Simpson, 1901

Vesicomya Dall, 1886

DISTRIBUTION

unknown

ECOLOGY

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES



from Seine Seamount

Gouldia minima
(Montagu, 1803)

Veneroida

Veneridae Rafinesque, 1815

Gouldia Adams C.B., 1847

DISTRIBUTION

NE Atlantic and Mediterranean.

ECOLOGY

Prefers coarse sands.

NOTES

Seine Seamount Gettysburg Seamount

Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Venus casina
Linné, 1758

Veneroidea
Veneridae Rafinesque, 1815
Venus Linné, 1758

DISTRIBUTION
NE Atlantic and Mediterranean.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Tebbel, 1976; Poppe & Goto, 1993



from Gettysburg Seamount

Timoclea ovata
(Pennant, 1777)

Veneroidea
Veneridae Rafinesque, 1815
Timoclea Brown, 1827

DISTRIBUTION
NE Atlantic, Mediterranean and Black Sea.

ECOLOGY
Shallow burrower in bottoms of sand.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993; Tebble, 1976



from Seine Seamount

Hiatella arctica
(Linné, 1767)

Myoidea
Hiatellidae Gray, 1824
Hiatella Daudin in Bosc, 1801

DISTRIBUTION

ECOLOGY
Frequently in cryptic habitats.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Gettysburg Seamount

Poromya neaeroides
Seguenza G., 1877

Verticordioidea

Poromyidae Dall, 1886

Poromya Forbes, 1844

DISTRIBUTION
Mediterranean.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996; Poppe & Goto, 1993



from Seine Seamount

Verticordia acuticostata
(Philippi, 1844)

Verticordioidea

Verticordiidae Stoliczka, 1871

Verticordia Wood, 1844

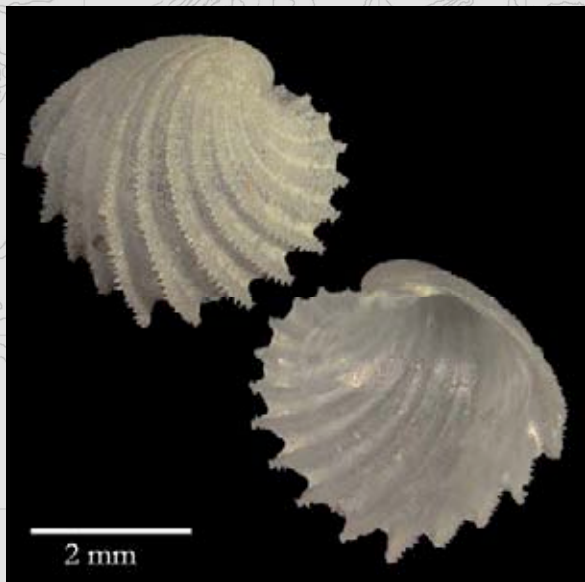
DISTRIBUTION
Cosmopolitan.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996; Poppe & Goto, 1993



from Gettysburg Seamount

Verticordia granulata
Seguenza G., 1860

Verticordioidea

Verticordiidae Stoliczka, 1871

Verticordia Wood, 1844

DISTRIBUTION
Mediterranean and adjacent Atlantic.

ECOLOGY

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996



from Gettysburg Seamount

Cuspidaria cuspidata
(Olivi, 1792)

Verticordioidea

Cuspidariidae Dall, 1886

Cuspidaria Nardo, 1840

DISTRIBUTION

Norway to Mediterranean.

ECOLOGY

On muddy substrate.

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Ampère Seamount

Cuspidaria rostrata
(Spengler, 1793)

Verticordioidea

Cuspidariidae Dall, 1886

Cuspidaria Nardo, 1840

DISTRIBUTION

Arctic to the Mediterranean and the West Indies, mainly bathyal.

ECOLOGY

On muddy substrate.

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996



from Seine Seamount

Cuspidaria inflata
(Jeffreys, 1882)

Verticordioidea

Cuspidariidae Dall, 1886

Cuspidaria Nardo, 1840

DISTRIBUTION

? NE Atlantic and into the Mediterranean.

ECOLOGY

On muddy substrate.

NOTES

- Seine Seamount Gettysburg Seamount
- Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996



from Seine Seamount

Halonympha depressa
(Jeffreys, 1882)

Verticordioidea
Cuspidariidae Dall, 1886
Halonympha Dall & Smith, 1886

DISTRIBUTION
? NE Atlantic and into the Mediterranean.

ECOLOGY
unknown

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996



from Seine Seamount

Cardiomya curta
(Jeffreys, 1876)

Verticordioidea
Cuspidariidae Dall, 1886
Cardiomya Adams A., 1864

DISTRIBUTION
? NE Atlantic and into the Mediterranean.

ECOLOGY
Carnivorous.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Salas, 1996



from Seine Seamount

Cardiomya costellata
(Deshayes, 1835)

Verticordioidea
Cuspidariidae Dall, 1886
Cardiomya Adams A., 1864

DISTRIBUTION
Amphiatlantic and in the Mediterranean.

ECOLOGY
Carnivorous.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Poppe & Goto, 1993



from Seine Seamount

Dentalium agile
Sars M. in Sars G. O., 1872

Dentalium Linné, 1758

DISTRIBUTION

NE Atlantic and Mediterranean.

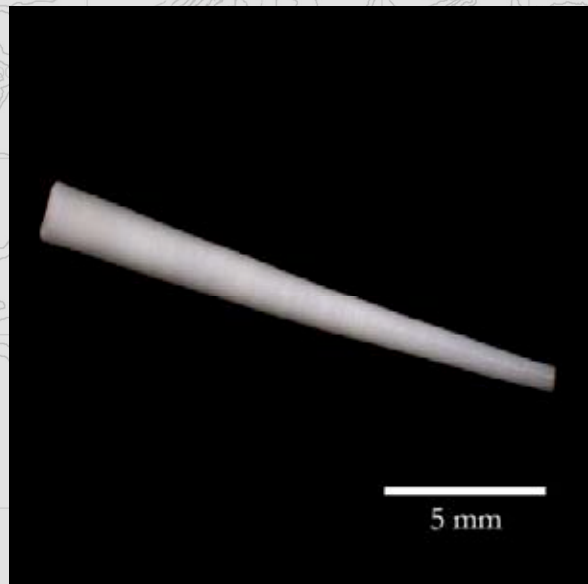
ECOLOGY

Lives in soft sediments.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES



from Ampère Seamount

Cadulus jeffreysi
(Monterosato, 1875)

Gadilida

Gadilidae Stoliczka, 1868

Cadulus Philippi, 1844

DISTRIBUTION

Mediterranean, North Atlantic to Norway. Also in the W Atlantic.

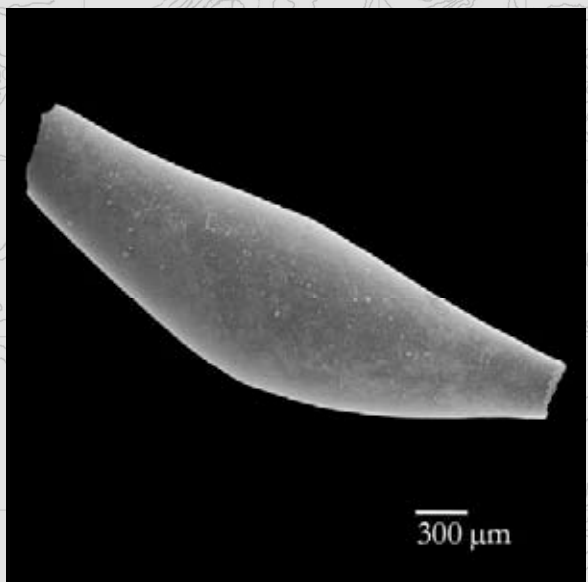
ECOLOGY

Dwelling in soft sediments short below the surface.

NOTES

- Seine Seamount Gettysburg Seamount
 Sedlo Seamount Ampère Seamount

REFERENCES Steiner, 1997



from Seine Seamount

Note that the mollusc taxonomy is based on the Checklist of European Marine Mollusca (CLEMAM).

CLEMAM – Checklist of European Marine Mollusca – Base de données scientifiques publique, hébergée par le Muséum National d'Histoire Naturelle (M.N.H.N.), Paris, à : <http://www.mnhn.fr/biotaxis/clemam>

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Please note that the molluscan taxonomy is based on the Checklist of European Marine Mollusca (CLEMAM).

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