

## Data on the marine mollusc fauna of Cephalonia (Ionian Islands, Greece).

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### Zusammenfassung

Die Autoren berichten über Aufsammlungen von Meeresmollusken, die von M. DE SMIT in den Jahren 1998 und 1999 an drei Stellen im Süden von Kephalonia (Ionische Inseln, Griechenland) getätigten wurden.

### Abstract

The authors report on the molluscan content of samples taken by M. De Smit at three sites in the south of Cephalonia (Ionian Islands, Greece) in 1998 and 1999.

### Introduction

Our knowledge of the marine mollusc fauna of the Greek coasts is very poor. Till now only a few articles have been published (see Delamotte & Vardala-Theodorou 1994, Fischer 1997, Zenetos 1996). Thus the results are presented here.

### Material, method

Samples were collected on three sandy beaches in the south of Cephalonia . The collecting sites were (see table 1):

- 1) Beach of Mounda (May 8, 1998).
- 2) Beach of Mounda - Skala (May 8, 1998).
- 3) Beach of Kaminia, west of Mounda (June 3, 1999).

In classifying the species we follow the nomenclature of Poppe & Goto (1991, 1993).

### Results

The species belong to the classes lamellibranchiata, scaphopoda and gastropoda: 67 species of lamellibranchiata out of 24 families, 1 species of scaphopoda out of one family, 71 species of gastropoda out of 32 families.

Samples found on the beach of Kaminia (site 3) were the richest both in shells and snails (48 species of 18 families of bivalvia and 61 species of 29 families of gastropoda).

Five species probably have their origin in the western Mediterranean and possibly found their way to Cephalonia by means of ships. These species are as follows:

- |            |  |
|------------|--|
| shells:    | Limidae: <i>Lima marioni</i> (species No 23)   |
|            | Ungulinidae: <i>Ungulina cuneata</i> (species No 31)   |
| snails:    | Rissoidae: <i>Rissoa guerinii</i> (species No 24)  |
|            | <i>Alvania pagodula</i> (species No 32)  |
| Muricidae: | <i>Trophon clathratus</i> comes from the Atlantic ocean (species No 52).<br>It's distribution is described by POPPE & GOTO 1991. |

## Summary

139 species of 3 classes of molluscs (lamellibranchiata, scaphopoda, gastropoda) were found on three sites in the south of Cephalonia. The richest fauna could be found at the beach of Kaminia (west of Mounda) (site No 3 - Table 1). Some of the findings, 2 shell and 3 snail species are supposed to be exotic, five with the origin in the western Mediterranean, one of them in the Atlantic.

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**Table:** Mollusc species found in southern Cephalonia.

No	Cl. Lamellibranchiata	1	2	3
	<b>Nuculidae</b>			
1	<i>Nucula nucleus</i> (LINNÉ 1758)	+		
2	<i>Yoldia lucida</i> (LOVEN 1846)		+	
3	<i>Nuculana pella</i> (LINNÉ 1758)		+	
	<b>Arcidae</b>			
4	<i>Arca noae</i> LINNÉ 1758		+	
5	<i>Barbatia barbata</i> (LINNÉ 1758)		+	
6	<i>Barbatia nodulosa</i> (O. F. MÜLLER 1766)			+
7	<i>Area tetragona</i> (POLI 1795)	+		+
8	<i>Anadara corbuloides</i> (MONTEROSATO 1876)		+	
	<b>Noetiidae</b>			
9	<i>Siriarca lactea</i> (LINNÉ 1758)		+	
	<b>Glycymeridae</b>			
10	<i>Glycymeris insubrica</i> (BROCCHI 1814)		+	
	<b>Mytilidae</b>			
11	<i>Modiolus adriaticus</i> LAMARCK 1819			+
12	<i>Modiolus barbatus</i> (LINNE 1758)			+
13	<i>Musculus costulatus</i> (RISSO 1826)			+
14	<i>Modiolus modiolus</i> (LINNE 1758)			+
15	<i>Mytilaster solidus</i> MONTEROSATO 1872			+
16	<i>Modiolula phaseolina</i> (PHILIPPI 1844)			+
17	<i>Mytilus galloprovincialis</i> LAMARCK 1818			+
	<b>Pectinidae</b>			
18	<i>Cyclopecten hoskynsi</i> (FORBES 1846)			+
19	<i>Protopecten griseus</i> (LAMARCK 1819)			+
20	<i>Chlamys varia</i> (LINNÉ 1758)			+
	<b>Anomiidae</b>			
21	<i>Anomia ephippium</i> LINNÉ 1758		+	+
22	<i>Pododesmus aculeatus</i> (O. F. MÜLLER 1776)			+
	<b>Limidae</b>			
23	<i>Lima marioni</i> F. FISCHER 1882			+
24	<i>Limatula subauriculata</i> (MONTAGU 1808)			+
25	<i>Limaria inflata</i> LINK 1807		+	+
	<b>Lucinidae</b>			
26	<i>Lucinella divaricata</i> (LINNÉ 1758)	+		+
27	<i>Loripes lucinalis</i> (LAMARCK 1818)		+	+
28	<i>Ctena decussata</i> (O. G. COSTA 1829)	+		+
	<b>Thyasiridae</b>			
29	<i>Thyasira granulosa</i> (MONTEROSATO 1874)			+
30	<i>Thyasira planata</i> (JEFFREYS 1882)			+
	<b>Ungulinidae</b>			
31	<i>Ungulina cuneata</i> (SPRENGLER 1798)		+	
	<b>Montacutidae</b>			
32	<i>Montacuta ferruginea</i> (MONTAGU 1808)			+
33	<i>Mysella bidentata</i> (MONTAGU 1803)			+
34	<i>Tellimya phascolionis</i> (DAUTZ. & FISCH. 1925)			+
	<b>Galeommatidae</b>			
35	<i>Galeomma turtoni</i> (SOWERBY 1825)			+
	<b>Neoleptonidae</b>			
36	<i>Epilepton clarkiae</i> (CLARK 1852)			+
	<b>Astartidae</b>			
37	<i>Astarte sulcata</i> (DA COSTA 1778)			+
	<b>Cardiidae</b>			
38	<i>Acanthocardia tuberculata</i> (LINNÉ 1758)	+	+	
39	<i>Acanthocardia aculeata</i> (LINNÉ 1758)			+
40	<i>Parvicardium exiguum</i> (GMELIN 1791)			+
41	<i>Parvic. vroomi</i> AARTS., MOOL. & GITT. 1984			+

42	<i>Parvicardium ovale</i> (SOWERBY 1840)			+
43	<i>Parvicardium papillosum</i> (POLI 1795)			+
44	<i>Cerastoderma glaucum</i> (POIRET 1789)		+	+
	<b>Mactridae</b>			
45	<i>Mactra stultorum</i> (LINNÉ 1758)		+	+
46	<i>Lutraria lutaria</i> (LINNÉ 1758)			+
47	<i>Lutraria oblonga</i> (GMELIN 1791)			+
	<b>Tellinidae</b>			
48	<i>Tellina planata</i> LINNÉ 1758		+	
49	<i>Tellina donacina</i> LINNÉ 1758	+	+	
50	<i>Tellina nitida</i> POLI 1791		+	
51	<i>Tellina fabula</i> GMELIN 1791		+	
	<b>Donaciidae</b>			
52	<i>Donax trunculus</i> LINNE 1758		+	+
53	<i>Donax semiserratus</i> POLI 1795	+		
	<b>Psammobiidae</b>			
54	<i>Gari fervensis</i> (GMELIN 1791)			+
	<b>Semelidae</b>			
55	<i>Abra prismatica</i> (MONTAGU 1808)			+
56	<i>Abra nitida</i> (O. F. MÜLLER 1776)			+
57	<i>Abra alba</i> (W. WOOD 1802)			+
58	<i>Abra segmentina</i> (RÉCLuz 1843)			+
	<b>Corbulidae</b>			
59	<i>Corbula gibba</i> (OLIVI 1792)	+		
	<b>Trapeziidae</b>			
60	<i>Coralliphaga lithophagella</i> (LAMARCK 1819)			+
	<b>Veneridae</b>			
61	<i>Venerupis aurea oenea</i> (TURTON 1819)		+	
62	<i>Paphia rhomboides</i> (PENNANT 1777)			+
63	<i>Pitar rufus</i> (POLI 1795)		+	
64	<i>Chamelea gallina</i> (LINNÉ 1758)		+	
65	<i>Chamelea striatula</i> (DA COSTA 1778)			+
66	<i>Tapes philippinarum</i> (ADAMS & REEVE 1850)			+
67	<i>Clausinella bronniartii</i> (PAYRAUDEAU 1826)			+
	<b>Families</b>	7	14	18
	<b>Species</b>	8	22	48
<b>No</b>	<b>Cl. Scaphopoda</b>	<b>1</b>	<b>2</b>	<b>3</b>
	<b>Dentaliidae</b>			
1	<i>Dentalium vulgare</i> DA COSTA 1778	+		
	<b>Family</b>	1	-	-
	<b>Species</b>	1	-	-
<b>No</b>	<b>Cl. Gastropoda</b>	<b>1</b>	<b>2</b>	<b>3</b>
	<b>Scissurellidae</b>			
1	<i>Scissurella crispata</i> FLEMMING 1828			+
	<b>Haliotidae</b>			
2	<i>Haliotis tuberculata</i> LINNÉ 1758	+		+
	<b>Fissurellidae</b>			
3	<i>Diodora italicica</i> (DEFRANCE 1820)			+
4	<i>Emarginula crassa</i> SOWERBY 1813			+
5	<i>Emarginula adriatica</i> O. G. COSTA 1829			+
6	<i>Emarginula rosea</i> BELL 1824			+
	<b>Acmaeidae</b>			
7	<i>Acmaea virginea</i> (O. F. MÜLLER 1776)			+
	<b>Patellidae</b>			
8	<i>Patella rustica</i> LINNÉ 1758		+	
	<b>Cocculinidae</b>			
9	<i>Cocculina labronica</i> BOGI 1984			+
10	<i>Cocculina corrugata</i> JEFFREYS 1883			+
	<b>Trochidae</b>			

11	<i>Gibbula richardi</i> (PAYRAUDEAU 1826)			+
	<b>Turbinidae</b>			
12	<i>Astraea rugosa</i> (LINNÉ 1767)		+	
	<b>Phasianellidae</b>			
13	<i>Tricolia pullus</i> (LINNÉ 1758)			+
	<b>Neritidae</b>			
14	<i>Smaragdia viridis</i> (LINNÉ 1758)		+	
	<b>Hydrobiidae</b>			
15	<i>Hydrobia acuta</i> (DRAPARNAUD 1805)			+
16	<i>Peringia viridescens</i> (RISSO 1826)			+
	<b>Truncatellidae</b>			
17	<i>Truncatella subcylindrica</i> (LINNÉ 1767)			+
18	<i>Tornus subcarinatus</i> (MONTAGU 1803)			+
	<b>Skeneopsidae</b>			
19	<i>Skeneopsis planorbis</i> (FABRICIUS 1780)			+
	<b>Caecidae</b>			
20	<i>Caecum subannulatum</i> (DE FOLIN 1870)			+
	<b>Rissoidae</b>			
21	<i>Rissoa monodonta</i> PHILIPPI 1836		+	
22	<i>Rissoa auriscalpium</i> (LINNÉ 1758)		+	
23	<i>Rissoa similis</i> SCACCHI 1836	+		+
24	<i>Rissoa guerinii</i> RECLUZ 1843			+
25	<i>Rissoa dolium</i> NYST 1845			+
26	<i>Rissoa labiosa</i> (MONTAGU 1803)			+
27	<i>Rissoa variabilis</i> (MÜHLFELDT 1824)			+
28	<i>Rissoa lineolata</i> MICHAUD 1832			+
29	<i>Rissoa marginata</i> MICHAUD 1832			+
30	<i>Rissoa pulchella</i> PHILIPPI 1836			+
31	<i>Alvania cancellata</i> (DA COSTA 1778)			+
32	<i>Alvania pagodula</i> (BDD 1884)			+
33	<i>Alvania consociella</i> MONTEROSATO 1884			+
34	<i>Alvania geryonia</i> (NARDO 1847)			+
35	<i>Alvania cimex</i> (LINNÉ 1758)	+		
36	<i>Alvania punctura</i> (MONTAGU 1803)	+		
37	<i>Manzonia crassa</i> (KANMACHER 1798)			+
38	<i>Turboella inconspicua distans</i> F. NORDS. 1972			+
39	<i>Cingula substriata</i> (PHILIPPI 1844)			+
40	<i>Onoba vitrea</i> (MONTAGU 1803)			+
41	<i>Setia pseudocingulata</i> F. NORDSIECK 1972			+
42	<i>Zebina vitrea</i> A. ADAMS 1854			+
	<b>Rissoinidae</b>			
43	<i>Rissoina bertholleti</i> ISSEL 1869			+
	<b>Turritellidae</b>			
44	<i>Turritella turbona</i> MONTEROSATO 1877			+
	<b>Potamididae</b>			
45	<i>Pyrenella conica</i> (BLAINVILLE 1826)			+
	<b>Cerithiidae</b>			
46	<i>Bitium reticulatum</i> (DA COSTA 1778)	+		+
47	<i>Bitium latreilli</i> (PAYRAUDEAU 1826)			+
	<b>Carinariidae</b>			
48	<i>Carinaria mediterranea</i> BLAINVILLE 1825			+
	<b>Naticidae</b>			
49	<i>Lunatia montagui</i> (FORBES 1838)			+
	<b>Cassididae</b>			
50	<i>Phallium undulatum</i> (GMELIN 1791)		+	
	<b>Muricidae</b>			
51	<i>Trophon muricatus</i> (MONTAGU 1803)			+
52	<i>Trophon clathratus</i> (LINNÉ 1767)			+

	<b>Buccinidae</b>			
53	<i>Chauvetia brunnea</i> (DONOVAN 1804)			+
	<b>Marginellidae</b>			
54	<i>Gibberula miliaria</i> (LINNÉ 1758)	+		+
55	<i>Gibberula oryza</i> (LAMARCK 1822)			+
	<b>Turridae</b>			
56	<i>Mangelia brachystoma</i> (PHILIPPI 1844)			+
57	<i>Mangelia vauquelini</i> (PAYRAudeau 1826)			+
58	<i>Haedropleura septangularis</i> (MONTAGU 1803)			+
	<b>Janthinidae</b>			
59	<i>Basisculcata lepida</i> (BAYER 1942)			+
	<b>Architectonicidae</b>			
60	<i>Helicacus fallaciosus</i> (TIBERI 1872)			+
	<b>Mathildidae</b>			
61	<i>Mathilda quadricarinata</i> (BROCCHI 1814)			+
	<b>Retusidae</b>			
62	<i>Retusa umbilicata</i> (MONTAGU 1803)			+
63	<i>Mamilloretusa mammillata</i> (PHILIPPI 1836)			+
	<b>Scaphandridae</b>			
64	<i>Roxania utriculus</i> (BROCCHI 1814)			+
	<b>Philinidae</b>			
65	<i>Philine aperta</i> (LINNÉ 1767)			+
	<b>Pyramidellidae</b>			
66	<i>Turbanilla lactea</i> (LINNÉ 1766)		+	
67	<i>Odostomia plicata</i> (MONTAGU 1803)			+
68	<i>Odostomia conoidea</i> (BROCCHI 1814)			+
69	<i>Anisocycla folini</i> (P. FISCHER 1869)			+
70	<i>Chrysallida fenestrata</i> (JEFFREYS 1848)			+
71	<i>Eulimella cerullii</i> (COSSMANN 1915)			+
	<b>Families</b>	5	6	30
	<b>Species</b>	6	7	61

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