

## Data to the malacofauna of Katavothres (Kefalinia, Greece)

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**Abstract:** The authors evaluated the samples collected by Marinus De Smit in 1999 at the collection site of Katavothres, on the isle of Kefalinia, Greece.

**Key-words:** Katavothres, Greece, Marin mollusc fauna

### Material and methods

Sample collections were carried out in a southern bay of the isle of Kefalinia, on the coast of Katavothres (09.06.1999.)

For the determination of the order of families we used Poppe, G. T.–Gotto, Y. (1991–1993) Vol. I-II. For the identification of species we gave preference to the following publications: Nordsieik, F. (1968, 1969, 1972) Poppe, G. T.–Gotto, Y. (1991, 1993), D' Angeló–Gargiullo, S. (1978) and also Ghisotti, F.–Melone, G. (1971, 1972, 1975)

### Results

The collections yielded species from Scaphopoda, Lamellibranchiata and Gastropoda classes. Altogether 7697 individuals belonging to 188 species were collected. (Scaphopoda: 1 family 1 species, Lamellibranchiata: 30 families 90 species 3811 specimen, Gastropoda: 42 families 188 species 7697 specimen). From the Bivalvia the *Musculus laevigatus* is a circumpolar, the Hiatellidae: *Hiatella arctica* is a boreal circumpolar species. From the Gastropoda the Trochidae: *Clanculus striatus*, Phasianellidae: *Tricolia miniata* are known as belonging to the Southern Mediterranean. Most probably they spread due shipping.

From most of the species encountered 1-40 individuals were found. More than 100 individuals were collected from the species below: *Jujubinus striatus*, *Gibbula philberti*, *Truncatella subcylindrica*, *Alvania consociella*, *Bittium latreilli*, *Bittium reticulatum*, *Cerithium aluacaster*, *Gibberula miliaria*, *Granulina clandestina*.

### Summary

From the alluvial deposits on an island near Greece 11 508 individuals from 279 species of 72 families from 3 orders were encountered. In nine species out of these the number of individuals exceeded 100. Two species described as Southern Mediterranean (Poppe, G. T.–Gotto, Y. 1991) may have been carried to Katavothres by ships.

Table 1. The list of species encountered

	Cl. Scaphopoda	F	<b>Carditiidae</b>
F	<b>Dentaliidae</b>		Glans trapezia (Linné 1767)
	Dentalium dentalis Linné 1758	F	<b>Cardiidae</b>
	Cl. Bivalvia		Acanthocardia echinata (Linné 1758)
F	<b>Nuculidae</b>		Acanthocardia tuberculata (Linné 1758)
	Nucula nitidosa Wincworth 1930		Acanthocardia paucisostata (Sowerby 1839)
	Nucula nucleus (Linné 1758)		Cerastoderma glaucum (Bruguère 1789)
F	<b>Arcidae</b>		Parvicardium papillosum (Poli 1795)
	Arca noae Linné 1758	F	<b>Mactridae</b>
	Arca tetragona Poli 1795		Mactra glauca Born 1778
	Barbatia barbata (Kinné 1758)		Mactra scultorum (Linné 1758)
	Batharca pectunculoides (Scacchi 1836)		Mactra corallina (Linné 1758)
	Acar nodulosa scabra (Poli 1795)		Spisula subtruncata (Da Costa 1778)
F	<b>Noetidae</b>	F	<b>Pharidae</b>
	Striarca lactea (Linné 1758)		Ensis ensis (Linné 1758)
F	<b>Mytilidae</b>		Phaxas adriaticus (Coen 1933)
	Amygdalum politum (Verill et Smith 1883)	F	<b>Tellinidae</b>
	Gregariella petagnae (Scacchi 1832)		Tellina nitida (Poli 1795)
	Gregariella subclavata (Libassi 1859)		Tellina planata (Linné 1758)
	Lithophaga lithophaga (Linné 1758)		Tellina tenuis Da Costa 1778
	Modiolula phaseolina (Philippi 1844)		Tellina fabula Gmelin 1791
	Modiolus adriaticus Lamarck 1819		Tellina donacina (Linné 1758)
	Mytilaster solidus Martini et Monterosato 1872		Macoma cumana (O.G. Costa 1829)
	Mytilaster lineatus (Gmelin 1791)		Morella pusilla (Philippi 1836)
	Musculus costulatus (Risso 1826)	F	<b>Donacidae</b>
	Musculus discors (Linné 1767)		Donax semistatus Poli 1795
	Musculus laevigatus (Gray 1824)		Donax trunculus Linné 1758
	Mytilus galloprovincialis (Entrop 1972)		Donax variegatus Gmelin 1790
F	<b>Pteriidae</b>		Gari tellinella (Lamarck 1818)
	Galeomma turtoni (Sowarby 1825)	F	<b>Scrobiculariidae</b>
F	<b>Pectinidae</b>		Scrobicularia plana (Da Costa 1778)
	Chlamys glabra (Linné 1758)	F	<b>Semelidae</b>
	Chlamys varia (Linné 1758)		Abra tenuis (Montagu 1803)
	Pecten jacobus (Linné 1758)		Abra alba (W. Nood 1802)
	Cyclopecten broskynsi (Forbes 1846)		Abra nitida (O.F. Müller 1776)
	Aequipecten ondonini (Payraudeau 1826)		Abra prismatica (Montagu 1808)
	Flexopecten flexuosus (Lamarck 1818)		Abra segmentum (Récluz 1843)
	Prepeamusium fenestratum (Forbes 1844)	F	<b>Trapeziidae</b>
F	<b>Spondylidae</b>		Coralliophaga lithophagella (Lamarck 1819)
	Spondylus gaederopus Linné 1758	F	<b>Veneridae</b>
F	<b>Amomiidae</b>		Chamelea gallina (Linné 1758)
	Anomia ephippium Linné 1758		Chamelea radiata (Brocchi 1814)
F	<b>Limidae</b>		Chamelea striatula (Da Costa 1778)
	Limatula subauriculata (Montagu 1808)		Clausiella brougniartii (Payraudeau 1826)
F	<b>Lucinidae</b>		Dosinia lupinus (Linné 1758)
	Ctena decussata (O.G. Costa 1830)		Irus irus (Linné 1758)
	Loripes lucinalis (Lamarck 1818)		Venus verrucosa Linné 1758
	Lucinella divaricata (Linné 1758)		Venus casina Linné 1758
F	<b>Chamidae</b>	F	<b>Petricolidae</b>
	Chama gryphoides Linné 1758		Petricola lithophaga (Retzius 1786)
	Pseudochama gryphina (Lamarck 1819)	F	<b>Myidae</b>
F	<b>Erycimidae</b>		Sphenia birghami Turton 1822
	Lasea adansoni (Gmelin 1791)	F	<b>Corbulidae</b>
F	<b>Kelliidae</b>		Corbula gibba (Olivi 1792)
	Bornia sebetia (O.G. Costa 1829)	F	<b>Hiatellidae</b>
	Kellia suborbicularis (Montagu 1803)		Hiatella rugosa (Linné 1767)
F	<b>Montacutidae</b>		Hiatella arctica (Linné 1767)
	Misella bidentata (Montagu 1803)		Saxicavella jeffreysi Wincworth 1930
	Tellymia ferruginosa (Montagu 1808)	F	<b>Pholadidae</b>
	Pythinella ovata (Jeffreys 1881)		Bamea candida (Linné 1758)
F	<b>Galeomatidae</b>	F	<b>Thraciidae</b>
	Galeomma turtoni (Sowerby 1825)		Thracia convexa (Wood 1815)

<b>Cl Gastropoda</b>	<b>F Truncatellidae</b>
<b>F Fissurellidae</b>	Truncatella subcylindrica (Linné 1767)
Diodora graeca (Linné 1758)	<b>F Tornidae</b>
Diodora italica (Defrance 1820)	Tornus subcarinatus (Montagu 1803)
Emarginula elongata O.G. Costa 1828	<b>F Vitrinellidae</b>
Fissurella rubecula (Linné 1758)	Circulus striatus (Philippi 1836)
<b>F Patellidae</b>	<b>F Caecidae</b>
Patella coerulea Linné 1758	Caecum trachea (Montagu 1803)
Patella aspera Lamarck 1818	<b>F Rissoidae</b>
Patella tarentina Salis 1739	Alvania cancellata (Da Costa 1778)
Patella ulyssiponensis Gmelin 1791	Alvania cimex (Linné 1758)
<b>F Trochidae</b>	Alvania consociella Monterosato 1884
Calliostoma conulum (Linné 1758)	Alvania hispidula (Monterosato 1884)
Calliostoma langieri (Payraudeau 1826)	Alvania lactea (Michand 1830)
Calliostoma miliaris (Brocchi 1814)	Alvania lineta (Risso 1826)
Calliostoma zizyphinum (Linné 1765)	Alvania montagui (Payraudeau 1826)
Clanculus corallinus (Gmelin 1791)	Alvania geroyonica (Chieroghini in Nardo 1847)
Clanculus cruciatus (Linné 1758)	Manzonina crassa (Kammacher 1798)
Clanculus jussieui (Payraudeau 1876)	Peringiella eburnea (F. Nordsieck 1968)
Clanculus leucophaea (Philippi 1836)	Apeularia mirabilis (Manzoni 1868)
Clanculus striatus (Monterosato 1879)	Rissoa auriscalpum (Linné 1758)
Gibbula adansonii (Payraudeau 1826)	Rissoa benzi (Aradas et Maggiore 1843)
Gibbula albida (Gmelin 1790)	Rissoa dolium Nyst 1845
Gibbula ardens (von Salis 1793)	Rissoa guerini Récluz 1843
Gibbula cineraria (Linné 1766)	Rissoa labiosa (Montagu 1803)
Gibbula drepanensis (Brugnone 1873)	Rissoa lia (Montagu 1803)
Gibbula leucophaea (Philippi 1836)	Rissoa lineolata Michaud 1832
Gibbula magus (Linné 1767)	Rissoa marginata (Michaud 1832)
Gibbula philberti (Récluz 1843)	Rissoa parva (Da Costa 1779)
Gibbula rarilineata (Michaud 1829)	Rissoa splendida Eichwald 1830
Gibbula richardi (Payraudeau 1826)	Rissoa variabilis (von Mühlfeld 1824)
Gibbula nebulosa (Philippi 1848)	Rissoa ventricosa Desmarest 1814
Jujubinus experatus (Pennant 1777)	Rissoa similis Scacchi 1836
Jujubinus gravinae Monterosato 1878)	Rissoa bertholeti (Andouin in Issel 1869)
Jujubinus striatus fedepictus (Deshayes 1833)	Rissoa acutiformis Pallary 1904
Jujubinus strigosus (Gmelin 1791)	Rissoa radiata (Philippi 1846)
Jujubinus miliaris (Brocchi 1814)	Rissoa violacea Desmarest 1814
Jujubinus elenchoides (Issel 1878)	<b>F Rissoinidae</b>
Monodonta mutabilis (Philippi 1846)	Rissoina brugueri (Payraudeau 1826)
Monodonta turbinata (Born 1780)	Zebina vitrea A. Adams 1854
Umbonium vestiarium Link 1817	<b>F Vermetidae</b>
<b>F Turbinidae</b>	Bivonia trigueta (Bivona 1832)
Astrea rugosa (Linné 1767)	Bivonia semisurrecta (Bivona 1832)
Hemalopoma sanguineum (Linné 1758)	Siphonium afrum (Gmelin 1791)
<b>F Phasianellidae</b>	Lemnatina arenaria (Linné 1758)
Tricolia pullus (Linné 1758)	Teganodus obtusus (Schumacher 1817)
Tricolia speciosa (von Mühlfeld 1824)	<b>F Cerithiidae</b>
Tricolia tenuis (Michaud 1828)	Bittium jadertianum (Brusina 1865)
Tricolia miniata (Monterosato 1884)	Bittium lacteum (Philippi 1836)
<b>F Neritidae</b>	Bittium latreilli (Payraudeau 1826)
Smaragdia viridis (Linné 1758)	Bittium reticulatum (Da Costa 1778)
<b>F Lacunidae</b>	Bittium scabrum (Olivi 1792)
Cithna tenella (Jeffreys 1869)	Bittium exiguum (Monterosato 1878)
<b>F Littorinidae</b>	Cerithium aluacaster (Brocchi 1814)
Littorina neritoides (Linné 1758)	Cerithium scabridum (Philippi 1849)
Littorina littorea (Linné 1758)	Rhinoclavus kochi (Philippi 1848)
<b>F Assimineidae</b>	Pyrenella conica (Blainville 1826)
Pahedinella sicana (Brugnone 1876)	<b>F Calyptraeidae</b>

	Crepidula gibbosa DeFrance 1818	Vexillum savigny (Payraudeau)
	Crepidula moulinsi (Michaud 1829)	Vexillum littoralis (Forbes 1840)
	Crepidula unguiformis Lamarck 1822	<b>F Turridae</b>
<b>F Xenophoridae</b>		Bela laevigata (Philippi 1833)
	Xenophora crispa (Koenig 1825)	Bela turgida (Forbes 1840)
<b>F Naticidae</b>		Bela lignaria (Linné 1758)
	Lunatia catena (Da Costa 1778)	Camarondia gracilis (Montagu 1803)
	Lunatia macilenta (Philippi 1844)	Drilliola loprestiana (Calcaron 1846)
	Lunatia pulchella f. lactea (Jeffreys 1867)	Hadropleura septangularis (Lamarck 1822)
	Natica rizzae (Philippi 1844)	Mangelia attenuata (Montagu 1803)
	Neverita josephina Risso 1826	Mangelia costata (Donovan 1841)
<b>F Muricidae</b>		Mitrolumna olivoidea (Conrad 1822)
	Muricopsis aradasii (Monterosato in Poirer 1883)	Raphitoma concina (Scacchi 1846)
	Muricopris cristatus (Brocchi 1814)	Raphitoma purpurea (Montagu 1803)
	Ocenebrina aciculata (Lamarck 1822)	Cythara attenuata (Montagu 1803)
	Ocenebrina edwardsi (Payraudeau 1826)	Teretia teres (Reeve 1844)
	Trophon echinatus (Kiener 1840)	<b>F Conidae</b>
	Trophon muricatus (Montagu 1803)	Conus ventricosus (Gmelin 1791)
<b>F Corallophillidae</b>		<b>F Cerithiopsidae</b>
	Corallophilla spadae (Libassi in F.Nordsieck 1968)	Cerithiopsis horrida (Monterosato 1889)
<b>F Buccinidae</b>		<b>F Epitonidae</b>
	Buccinum monterosatoi Locard 1897	Epitonium clathrus (Linné 1758)
	Chauvetia decorata (Monterosato 1889)	Epitonium commutatum (Montagu 1803)
	Chauvetia brunnea (Donovan 1804)	<b>F Eulimidae</b>
	Engina bicolor (Contraire 1835)	Eulima bilineata Alder 1848
	Cantharus scaber (Monterosato 1875)	Eulima glabra (Da Costa 1778)
	Pisania striata (Gmelin 1791)	Melanella alba (Da Costa 1778)
<b>F Columbelloididae</b>		Melanella polita (Linné 1758)
	Columbella rustica (Linné 1758)	<b>F Acteonidae</b>
	Diodora gibberula (Lamarck 1822)	Acteon tornalis (Linné 1758)
	Mitrella scripta (Linné 1758)	<b>F Retusiidae</b>
	Mitrella gevillei (Payraudeau 1826)	Retusa truncatula (Bruguière 1789)
	Mitrella broderipi (Sowerby 1844)	Rhizorus acuminatus (Bruguière 1789)
<b>F Nassariidae</b>		<b>F Ringiculidae</b>
	Cyclope donovani Risso 1826	Ringicula auriculata (Menard 1828)
	Nassarius cuvieri (Payraudeau 1826)	<b>F Scaphandridae</b>
	Nassarius edwardsi (P. Fischer 1882)	Cylincha cylindracea (Pennant 1774)
	Nassarius corniculus (Olivi 1792)	<b>F Philinidae</b>
	Nassarius mutabilis (Linné 1758)	Phylina aperta (Linné 1767)
	Nassarius incrassatus (Ström 1768)	<b>F Aplysiidae</b>
	Nassarius louisi (Pallary 1912)	Aplysia fasciata Poiret 1789
	Nassarius limata (Chemnitz 1795)	<b>F Ellobiidae</b>
	Nassarius reticulatus (Linné 1758)	Ovatella nyosotis (Draparua 1821)

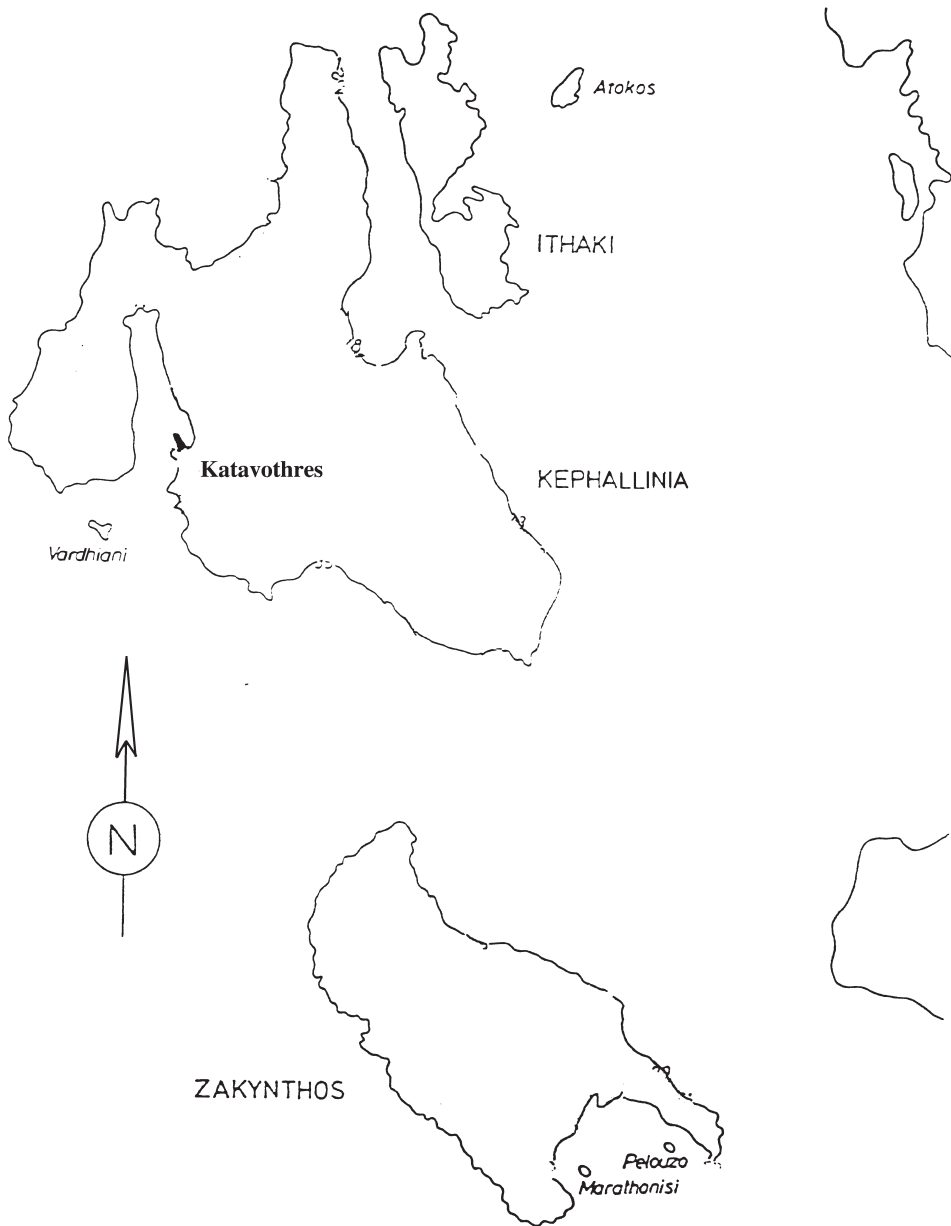


Fig. 1. Katavothres on the isle of Kefalonia

## Összefoglalás

A szerzők Martinus De Smit 1999. évi görögországi gyűjtéseit dolgozták fel a Kefelinia sziget Katavothers gyűjtőhelyén.

A gyűjtések Kefalinia sziget déli beöblösődő részén, Katavothers partszakaszán történtek. (1999 06 9).

A családok sorrendjének kialakításában Poppe G. T.–Gotto, Y. (1991, 1993) I-II. kötetit használtuk. A fajok határozásához F. Nordsieck (1968, 1969, 1972) Poppe-Gotto munkáit D' Angel, G. L.–Gargiullo, S. (1978) valamint Ghisotti, F.–Melone, G. (1971, 1972, 1975) munkáit publikációit részesítettük előnyben.

A gyűjtésekből Scaphopoda, Lamellibranchiata, Gastropoda osztályokból kerültek elő fajok. Összesen 188 faj 7697 egyede került begyűjtésre. (Scaphopoda 1 család 1 faj, Lamellibranchiata 30 család 90 faj 3811 egyede, Gastropoda 42 család 188 fajának 7697 egyede). A Bivalvia közül a *Musculus laevigatus circumpolaris* a Hiattellidae: *Hiattella arctica borealis circumpolaris* fajok. A Gastropoda közül a Trochidae: *Clanculus striatus*, Phasianellidae: *Tricolia miniata* Délmediterrán elterjedésűnek jelzett. Feltehető, hogy a hajóforgalommal terjedtek szét.

Az előkerült fajok többsége 1–40 példány közötti számban került elő. Száz példány felett a következő fajok kerültek elő: *Jujubinus striatus*, *Gibbula philberti*, *Truncatella subcylindrica*, *Alvania consociella*, *Bittium latreilli*, *Bittium reticulatum*, *Cerithium alucaster*, *Gibberula miliaria*, *Granulina clandestina*.

A Görögország melletti sziget hordalék lerakódásaiból három osztályból (Scaphopoda, Lamellibranchiata, Gastropoda) 72 család 279 fajának 11 508 egyede került elő. Ebből 9 faj példányszáma haladta meg a 100-at. Két Dél-mediterránnak jelzett faj (Poppe, G. T.–Gotto, Y. 1991) hajóforgalommal kerülhetett Katavothresbe.

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