



MINISTRY OF AGRICULTURE AND NATURAL RESOURCES  
FISHERIES DEPARTMENT

## FISHERIES BULLETIN

Number 2

# MARINE MOLLUSCS OF CYPRUS

### PART A

*Placophora*

*Gastropoda*

*Scaphopoda*

*Cephalopoda*

BY

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REPUBLIC OF CYPRUS

## INTRODUCTION

The molluscs of Cyprus, like most other marine invertebrates of the island, have not as yet been studied to any extent.

Dr. Giovanni Borghese gives a list of Cypriot Molluscs in Dr. Vito Fodera F.A.O. EPTA Report No. 1436 on the Fishery Development Possibilities of Cyprus. No other references have been traced. This study of the Molluscs of Cyprus is based on information compiled over the last four years from dredging, trawling, diving and beach collections.

A collection of all species identified is available in the Museum of the Fisheries Department.

The second part of this paper (Part B) will deal with the Class Bivalvia (Lamellibranchiata).

May, 1969.

## MOLLUSCA

### A. AMPHINEURA

Class — *Placophora*

#### **Chiton olivarens (Spengler)**

Littoral, Sublittoral, 25 mm, Common.

#### **Acanthochiton communis (Risso)**

20 mm, Kormakiti coast, Littoral zone.

#### **Callorhynchon laevis (Montagn)**

Dredged 10 - 22 fathoms on the North Coast.

### B. CONCHIPIERA

Class — *Gastropoda*

#### I. Prosobranchia

##### 1.1. Archeogastropoda

##### 1.1.1. Zeugobranchia

##### 1.1.1.1. Haliotidae

#### **Haliotis tuberculata (L.)**

Common — 45 mm, Sublittoral, under rocks

##### 1.1.1.2. Fissurellidae

#### **Emarginula elongata (de Costa)**

13 mm, Famagusta Bay and North Coast — Occasional

#### **Dindora italica (Defrance)**

21 mm, North Coast, Famagusta Bay, Morphou Bay — Occasional

#### **Emarginula cancellata (Philippi)**

10 mm, Occasional

##### 1.1.2. Patellacea

##### 1.1.2.1. Patellidae

#### **Patella caerulea (L.)**

Mainly Sublittoral — Common

#### **Patella crenata**

Littoral and Sublittoral — Rare

#### **Patella mamillaris (Lam.)**

Common, Littoral mainly

##### 1.1.2.2. Acmaeidae

#### **Acmaea virginea (Müller)**

1 cm, Shallow grounds, under rocks, Orga (North coast)

- 1.1.3. Trochacea
- 1.1.3.1. Trochidae
- Callinotoma granulatus* (Born.)  
25 mm. South Coast. Trawled from  
50 fathoms — Occasional  
Pisouri 60-70 fathoms
- Callinotoma laugierii* (Paysondeau)  
12 mm. Avia Irini beach — Occasional
- Callinotoma zizyphinus* (L.)  
Famagusta Bay — beach 14 mm.
- Gibbula varia* (L.)  
Common, 10 mm.
- Catharidus exasperatus* (Pennant)  
9 mm. Common — shallow grounds
- Monodonta turbinata* (Born.)  
V. Common Littoral and Sublittoral.
- Monodonta articulata* (Lam.)  
15 mm., Common. Shallow grounds.
- Clausulus corallinus* (Gmelin)  
North Coast, Famagusta Bay — Common, 8 mm.
- 1.1.3.2. Turbinidae
- Astraea rugosa* (L.) (Turbo r.)  
40 mm. Occasional — General distribution  
Deep water — trawled from 20-50 fathoms
- Leptothyra sanguinea* (L.) (Turbo s.)  
5 mm. — Salamis. Occasional — rare
- Tricella pulla* (L.) (Phasianella p.)  
7 mm. Common — General distribution
- Tricella speciosa* (v. Munrofeld) (Phasianella s.)  
9 mm. — Common — General.
- 1.1.4. Neritacea
- 1.1.4.1. Neritidae
- Smaragdia viridis* (L.)  
6 mm. Shallow grounds Green with black and white diagonal  
wavy markings
- 1.2. Mesogastropoda
- 1.2.1. Littorinacea
- Littorina neritoides* (L.)  
Common. Supralittoral zone. 8 mm.
- 1.2.2. Rissoacea
- 1.2.2.1. Hydrobiidae (brackish water)
- Truncatella subcylindrica* (L.)  
Morphou Bay, North Coast — beaches, 5 mm. Occasional —  
Common.
- 1.2.2.2. Rissoidae
- Alvania cimex* (L.)  
4 mm. North Coast — Famagusta Bay. Shallow grounds
- Rissoa ventricosa* (Desmarest)  
6 mm. General distribution.

1.2.3. Cerithiaceae

1.2.3.1. Turritellidae

**Turritella communis** (Risso)

20 mm. Famagusta Bay. Occasional.  
Dredged from Episkopi Bay, 50 fathoms.

**Turritella triplicata** (Bracchi)

20 mm. Occasional, N. Coast, Episkopi Bay.

1.2.3.2. Triphoridae

**Triphora perversa** (L.)

North Coast, Morpheu Bay. Common, 13 mm.

1.2.3.3. Vermetidae

**Vermetus triquetus** (Bivone)

5 mm. Ø — General distribution from  
Littoral zone. Common

**Vermetus glomeratus** (L.)

Famagusta Bay 0-10 fathoms, on shells

1.2.3.4. Cerithiidae

**Berthouletia reticulata** (de Costa)

10 mm. — Common  
General distribution — shallow grounds.  
Trawled at 34 fathoms

**Cerithium vulgatum** (Bruguiere)

60 mm. — General distribution from Littoral down, recorded  
at 20 fathoms, Famagusta bay — 15 fathoms Paphos.  
Common

**Cerithium rupestre** (Risso)

20 mm. Littoral and Sublittoral. Common

1.2.4.	Pteroglossa	1.2.1
1.2.4.1	Scalidae	1.2.4
	<b>Epitonium lamellosum (Lam.)</b>	
	Rare shell with longitudinal ridges thin and raised (knife like and continuous), whorls separate, (10-11 whorls), Morphou Bay and Chelonas, brown whorls with white ridges	
	<b>Epitonium Sp.</b>	1.2.5
	Brown shell — 23 mm. (11-12 whorls)	
	(3.5 mm. tube diameter, 7 mm. x 21 mm. shell), ridges flat and deeply grooved between whorls — ridges not continuous and spirals as in <i>Scala communis</i> — No umbilicus. Frequent, general distribution.	1.2.6
	<b>Epitonium sp.</b>	1.2.6
	Dark brown shell 12 mm. 8 whorls, shell shape similar to <i>Scala communis</i> — Ridges raised but slightly folded and joined and spiraling as in <i>Scala communis</i> . No umbilicus. Single white band spiraling on ridges.	1.2.7
1.2.4.2.	Janthinidae	
	<b>Janthina communis (Lank.)</b>	
	25 mm. Seasonally common when washed on beaches by high winds and waves in Famagusta Bay and Morphou Bay.	
	<b>Janthina nitens (Menke)</b>	
	18 mm. Seasonally common — More common in Morphou Bay than Famagusta Bay, washed on shore by high winds and waves.	

- 1.2.5. Aglossa
- 1.2.5.1. Melanellidae  
*Melanella arcuata* (Leach)  
 North Coast, 3 mm. Beach collection.
- Strombidormis subulata* (Donovan)  
 North Coast — beach collection.
- 1.2.5.2. Pyramidellidae  
*Turbonilla lactea* (L.)  
 5 mm. Famagusta Bay — beach collection.
- 1.2.6. Calyptracea
- 1.2.6.1. Capulidae  
*Capulus hungaricus* (L.)  
 Rare. Ayia Irini — beach, small shell, 15 mm.
- 1.2.7. Strombacea  
*Aporrhais pes-pelecani* (L.)  
 Morphou Bay 220 fathoms  
 Larnaca Bay 30-50 fathoms  
 Famagusta Bay  
 Occasional in trawl catches.

1.2.8.	Naticaceae	1.2.9
1.2.8.1.	Naticidae	
	<b>Neverita josephina (Risso)</b>	
	31 mm. Common locality Ayia Irini Famagusta Bay — Common Ayia Napa area — shallow sandy grounds.	
	<b>Natica hebraea (Martyn)</b>	
	30 mm. Morphou Bay, Limassol recorded at 50 fathoms — Dredging Paphos — Occasional.	
	<b>Natica millepunctata (Lam.)</b>	
	29 mm. Famagusta Bay Cape Arnaouli Limassol Bay Famagusta Bay	1.2.10 1.2.10
	Occasional to Common down to 35 fathoms	
	<b>Polynices alderi (Forbes)</b>	
	15 mm. shallow grounds - rare.	
	<b>Polynices quillemini (Payraudeau)</b>	
	Limassol Bay — one specimen, 15 mm.	
	<b>Polynices sp.</b>	1.2.10
	Shell thin and transparent, with spiral bands; light brown colour, umbilicus restricted by thickening, umbilical whorl light coloured, operculum.	
		1.2.11
		1.2.11



## 1.2.9.

## Cypraeacea

***Trivia mediterranea***

6 mm. pink shell — Common locally — shallow rocky areas.  
North Coast  
Famagusta Bay

***Cypraea lurida* (L.)**

50 mm. North Coast — Famagusta Bay — Ayia Napa  
Occasional — Recorded Akamas 30 fathoms.

***Cypraea spinea* (L.)**

40 mm. North Coast and Famagusta Bay — Common.  
Frequent in other areas.

## 1.2.10

## Doliacea

## 1.2.10.1.

## Cassidae

***Cassidaria echinophora* (L.)**

50 mm. Mainly South coast and Famagusta Bay. Frequent in  
trawl catches, recorded at 25-100 fathoms, not as "spiny" as  
usual, 1 to 2 rows of conspicuous spines only.

***Cassis saburon* (Frag.)**

85 mm. Common in Morphou Bay, North Coast and Fama-  
gusta Bay — 20 fathoms — but distribution general.

## 1.2.10.2.

## Doliidae

***Dolium galea* (L.)**

220 mm. large specimens — Famagusta Bay and South Coast  
in deep waters 60-140 fathoms—Common  
Smaller ones more shallow.  
Frequent to common. Distribution general.

## 1.2.11.

## Cymatiacea

## 1.2.11.1.

## Cymatidae

***Charonia variegata* (Lam.)**

25 cm. common specially on the North Coast.  
Shallow rocky grounds.

***Cymatium corrugatum* (L.)**

10 cm. Beghaz — one specimen found 5 fathoms, on rocky  
chere.

1.3.	<b>Stenoglossa</b>	1.3:
1.3.1.	<b>Muricea</b>	1.3:
1.3.1.1.	<b>Muricidae</b>	
	<b>Murex brandaris (L.)</b>	
	75 mm. Ayia Irini Common	
	In other areas Common or Occasional; in Famagusta Bay recorded at 20 fathoms.	
	<b>Murex trunculus (L.)</b>	
	60 mm. Common especially at Ayia Irini, Ayia Napa and Famagusta area. but distribution general.	
	<b>Muricea blainvillei (Payrudeau)</b>	1.3.
	30 mm. Common-Occasional. Famagusta Bay, North Coast but distribution wide.	
	<b>Thais haemastoma (Lam.)</b>	
	50 mm. Ayia Irini. Occasional	

132. Buccinacea

132.1. Columbelloidea

***Pyrene scripta* (L.) (= *Columbella* s.)**

12 mm. North Coast. Common on  
Rocky coasts — shallow grounds

***Columbella rustica* (L.)**

19 mm. Colour variable, yellow with white markings to white  
with purplish brown patterns — latter more common.

Very common — general distribution in Littoral and Sublittoral  
zones.

132.2. Buccinidae

***Euthria cornea* (L.)**

25 mm. Occasional to Common, North Coast, Morphou Bay,  
Famagusta Bay Littoral, rocky shores usually. 15 fathoms  
Paphos

***Pisania maculosa* (Yam.)**

22 mm. Littoral. Common, general distribution. rocky shores  
usually.

***Centharus d'orbigny* (Payrandaou)**

22 mm. Orange to purplish-brown (dark)

Littoral and shallow waters.

General distribution.

132.3. Nassidae

***Nassa gibbosa***

20 mm. Famagusta Bay

17 mm. Morphou Bay

Smaller darker variety in Morphou Bay with more brilliant  
orange colouration. In Famagusta Bay more lightly coloured.

Common in Morphou Bay. Occasional in Famagusta Bay,  
not recorded elsewhere.

***Nassa neritea* (L.)**

5 mm. Common Famagusta tidal flats (lagoon)  
and Paphos harbour — not recorded elsewhere.

***Nassa reticulatus* (L.)**

11 mm. Famagusta Bay — Occasional

	<i>Nassa untabilis</i> (L.)	2
	Sandy beaches shallow grounds — Common — General distribution.	2
	<i>Nassa cornicula</i> (Olivi)	2
	10 mm. Famagusta Bay One beach sample.	2
1.3.2.4.	Fasciariidae	
	<i>Fasciolaria tarentina</i> (Fam.)	
	63 mm. North Coast — Common. Elsewhere — Occasional to Common.	2
	<i>Fusus rostratus</i> (Olivi)	
	45 mm. Occasional. Widespread.	
	<i>Fusus syracusanus</i> (L.)	2
	20 mm. Common — Shallow grounds. Widespread.	
1.3.3.	Velutacea	
1.3.3.1.	Mitridae	2
	<i>Mitra cornicula</i> (L.)	
	15 mm. Common — General distribution	
	<i>Mitra cheusi</i> (Fam.)	2
	25 mm. Occasional — Perna North Coast. Rocky coasts.	
1.3.3.2.	Margarinellidae	
	<i>Persicula miliaris</i> (L.)	2
	7 mm. Common N. Coast Famagusta Bay. White to light yellowish-brown shell. More elongated than typical <i>P. miliaris</i> .	
1.3.4.	Toxoglossa	2
	<i>Cythara albida</i> (Deshayes)	
	Famagusta Bay 7 mm. — Common.	
	<i>Conus mediterraneus</i> (Bruguere)	
	Common in rocky shores, 45 mm.	

2. Opisthobranchia
- 2.1. Pleurocnela
- 2.1.1. Cephalaspidea
- 2.1.1.1. Actaeonidae  
**Actaem tornatilis (T.)**  
 Very rare. One specimen only found at Ayia Irini.
- 2.1.1.2. Bullariidae  
**Bullaria striata (Brugiere)**  
 Common, widespread, 33 mm. — Ayia Irini  
 Smaller elsewhere, shallow grounds.
- 2.1.1.3. Atyidae  
**Haminea hydatis (T.)**  
 Common, 13 mm. (Shell)
- 2.1.1.4. Retusidae  
**Retusa umbilicata (Montagu)**  
 Occasional, 3 mm. (Shell)
- 2.1.1.5. Philinidae  
**Philine aperta (T.)**  
 Ayia Irini, Occasional
- 2.1.2. Anaspidea  
**Aplysia depilans (T.)**  
 140 mm, Occasional, specimens from diving from 60-100 ft.
- 2.2. Notaspidea  
**Umbrella mediterranea (Lam.)**  
 Kormakiti — shell 20 mm.
- Pleurobranchaea meckeli (Lone)**  
 North Coast dredged 20 fathoms

2.3.	Nudibranchia	Class —
2.3.1.	Doridacea	1.
	<b>Peltadoris tuberculata (Cuvier)</b>	1.1.
	Specimens from diving, North Coast 100 ft.	1.1.1.
1.	Pulmonata	
	<b>Gadimia garrohi</b>	
	<b>Alexis myosotis</b>	
Class —	<i>Scaphopoda</i>	
1.	Dentaliidae	1.1.2.
	<b>Dentalium vulgare (de Costa)</b>	
	Common	
	<b>Dentalium rubescens (Deshayes)</b>	1.2.
	Occasional	
		1.3.
		2.
		2.1.
		2.2.
		2.2.1.

- Class — *Cephalopoda*
1. Decapoda (Декабрачиа)
- 1.1. Sepiacea
- 1.1.1. Sepiidae
- Sepia officinalis* (L.)**  
Common
- Sepia elegans* (D' Orbigny)**  
Common
- 1.1.2. Sepiolidae
- Sepiola rondeleti* (Cesner)**  
Common
- 1.2. Loliginacea
- Loligo vulgaris* (Lam.)**  
Common
- 1.3. Archileuthacea
- Ommastrephes sagittatus* (Lam.)**  
Common
2. Octopoda
- 2.1. Octopodacea
- Octopus vulgaris* (Lam.)**  
Common
- Octopus macropus* (Risso)**  
Common
- Ozoena moschata* (Lam.)**  
Common
- 2.2. Argonautacea
- 2.2.1. Argonautidae
- Argonauta argo* (L.)**  
Rare — Shell — 10 cm.