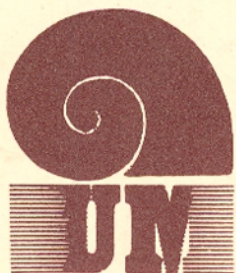


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## A CHECK-LIST OF THE SNAILS OF THE "COMUNIDAD VALENCIANA" (SPAIN) (MOLLUSCA: GASTROPODA)

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### ABSTRACT

A list of terrestrial Gastropod species (excluding slugs) from "Comunidad Valenciana" (Spain) has been compiled. It is based on specific bibliographical revision and collection carried out by the authors.

### INTRODUCTION

The "Comunidad Valenciana" occupies the central east region of the Iberian Peninsula with an extension of 23.237 Km<sup>2</sup>. The relief shows the contrast between the mediterranean littoral plain and the Iberic and Betic Ranges. The weather is mediterranean, changing from humid to subarid. Carbonated rocks predominate here, they are frequently karstic.

Not enough is known about terrestrial mollusc fauna. Although there are a lot of regional works, vast areas are left to be prospected, inland. Since 1988 the authors have developed an extensive programme of investigation, with special focus on the areas where little is known. The final objective is to obtain the most complete inventory possible of the terrestrial gastropod fauna, in order to carry out U.T.M. cartography and to characterize the malacologic associations that are present in the region. The slugs are not mentioned, because they are the object of another independent investigation project.

### RESULTS

According to the information we have, which was obtained from the critical revision of existing bibliography and our own observations, the terrestrial malacologic fauna of the "Comunidad Valenciana" (excluding slugs) is formed by the following species:

Class Gastropoda  
 Subclass Streptoneura  
 Order Mesogastropoda  
 Family Cochlostomidae  
Cochlostoma (Obscurella) obscurum martorelli (Bourguignat, 1888)  
 Family Pomatiasidae  
Leonia mammillaris (Lamarck, 1822)  
Pomatias elegans (Müller, 1774)  
 Family Aciculidae  
Platyla cf. callostoma (Clessin, 1911)  
 Subclass Euthyneura  
 Order Basommatophora

Family Ellobiidae  
Carychium spp.  
Ovatella (Myosotella) myosotis (Draparnaud, 1801)  
 Order Stylommatophora  
 Suborder Heterurethra  
 Family Succineidae  
Oxyloma elegans (Risso, 1826)  
 Suborder Orthurethra  
 Family Cochlicopidae  
Cochlicopa lubrica (Müller, 1774)  
Cochlicopa lubricella (Porro, 1828)  
Hypnophila malagana Gittenberger & Menkhorst, 1983  
 Family Vertiginidae  
Truncatellina callicratis (Scacchi, 1833)  
Truncatellina claustralis (Gredler, 1856)  
Truncatellina cylindrica (Férussac, 1807)  
Vertigo (Vertilla) angustior Jeffreys, 1830  
Vertigo (Vertigo) antivertigo (Draparnaud, 1801)  
Vertigo (Vertigo) pusilla Müller, 1774  
Vertigo (Vertigo) pygmaea (Draparnaud, 1801)  
 Family Pupillidae  
Lauria (Lauria) cylindracea (Da Costa, 1778)  
Pupilla (Pupilla) muscorum (Linnaeus, 1758)  
Pupilla triplicata (Studer, 1820)  
 Family Chondrinidae  
Abida polyodon (Draparnaud, 1801)  
Abida secale secale (Draparnaud, 1801)  
Chondrina arigonis (Rossmässler, 1859)  
Chondrina avenacea avenacea (Bruguère, 1792)  
Chondrina farinesii farinesii (Des Moulins, 1835)  
Chondrina gasulli Gittenberger, 1973  
Granaria braunii (Rossmässler, 1842)  
Granopupa granum (Draparnaud, 1801)  
 Family Pyramidulidae  
Pyramidula rupestris (Draparnaud, 1801)  
 Family Valloniidae  
Acanthinula aculeata (Müller, 1774)  
Vallonia costata (Müller, 1774)  
Vallonia enniensis (Gredler, 1856)  
Vallonia pulchella (Müller, 1774)  
 Family Buliminidae  
Ena (Ena) obscura (Müller, 1774)  
Jaminia (Jaminia) quadridens (Müller, 1774)  
Zebrina detrita (Müller, 1774)  
 Suborder Sigmurethra  
 Family Punctidae  
Punctum (Punctum) pygmaeum (Draparnaud, 1801)  
Toltecia pusilla (Lowe, 1831)  
 Family Endodontidae  
Discus (Discus) rotundatus (Müller, 1774)  
 Family Helicarionidae  
Euconulus (Euconulus) fulvus (Müller, 1774)  
 Family Vitrinidae  
Phenacolimax (Gallandia) annularis (Studer, 1820)



- Vitrina (Vitrina) pellucida (Müller, 1774)  
 Family Zonitidae
- Oxychilus (Oxychilus) cellarius (Müller, 1774)  
Oxychilus (Oxychilus) draparnaudi (Beck, 1837)  
Oxychilus (Oxychilus) hydatinus (Rossmässler, 1838)  
Oxychilus (Ortizius) mercadali Gasull, 1968  
Vitrea (Subrimatus) narbonensis (Clessin, 1977)  
Vitrea (Subg.?) contracta (Westerlund, 1871)  
Zonitoides (Zonitoides) nitidus (Müller, 1774)  
 Family Ferussaciidae
- Cecilioides (Cecilioides) acicula (Müller, 1774)  
Ferussacia (Ferussacia) follicula (Gmelin, 1790)  
Hohenwartiana eucharista (Bourguignat, 1864)  
 Family Clausilidae
- Clausilia (Clausilia) nigricans (Pulteney, 1807)  
Cochlodina (Cochlodina) laminata (Montagu, 1803)  
 Family Subulinidae
- Rumina decollata (Linnaeus, 1758)  
 Family Sphincterochilidae
- Sphincterochila (Albea) candidissima (Draparnaud, 1801)  
Sphincterochila (Cariosula) baetica (Rossmässler, 1854)  
 Family Helicidae
- Candidula camporoblensis (De Fez, 1944)  
Cernuella (Xeromagna) cespitum (Draparnaud, 1801)  
Cernuella (Xerosecta) explanata (Müller, 1774)  
Cernuella (Microxeromagna) vestita (Rambur, 1868)  
Cernuella (Cernuella) virgata (Da Costa, 1778)  
Euomphalia strigella (Draparnaud, 1801)  
Helicella barcinensis (Bourguignat, 1868)  
Helicella huidobroi (Azpeitia, 1925)  
Helicella madritensis (Rambur, 1868)  
Helicella parabarcinensis Ortiz de Zárate, 1946  
Helicopsis (Xeromicra) apicina (Lamarck, 1823)  
Trochoidea (Trochoidea) elegans (Draparnaud, 1801)  
Trochoidea (Trochoidea) pyramidata (Draparnaud, 1805)  
Trochoidea (Trochoidea) trochoides (Poiret, 1789)  
Trochoidea (Xerocrassa) barceloi (Hidalgo, 1878)  
Trochoidea (Xerocrassa) derogata (Rossmässler, 1854)  
Trochoidea (Xerocrassa) llopisi Gasull, 1981  
Trochoidea (Xerocrassa) molinae (Hidalgo, 1883)  
Trochoidea (Xerocrassa) murcica (Guirao, 1865)  
Cochlicella acuta (Müller, 1774)  
Cochlicella barbara (Linnaeus, 1758)  
Cochlicella conoidea (Draparnaud, 1801)  
Monacha (Monacha) cartusiana (Müller, 1774)  
Caracollina lenticula (Michaud, 1831)  
Atenia quadrasi (Hidalgo, 1885)  
Oestophora (Suboestophora) boscae boscae (Hidalgo, 1869)  
Oestophora (Suboestophora) boscae jeresae (Ortiz de Zárate, 1962)  
Oestophora (Suboestophora) hispanica (Gude, 1910)  
Oestophora (Suboestophora) kuiperi Gasull, 1966  
Oestophora (Suboestophora) tarraconensis altimirai (Ortiz de Zárate, 1962)  
Oestophora (Suboestophora) tarraconensis tarraconensis Altimira, 1960  
Theba pisana (Müller, 1774)

Pseudotachea splendida (Draparnaud, 1801)  
Eobania vermiculata (Müller, 1774)  
Otala punctata (Müller, 1774)  
Iberus gualticrianus (Linnaeus, 1758)  
Cepaea nemoralis (Linnaeus, 1758)  
Helix (Cornu) aspersa Müller, 1774

## CONCLUSIONS

These results add a number of interesting contributions to the last list published on valencian terrestrial molluscs (Robles, 1989). The species Vertigo pusilla, Pupilla triplicata, Zebrina detrita, Discus rotundatus, Clausilia nigricans y Cochlodina laminata have recently been determined by authors from the "Comunidad Valenciana" and it is the first time that they have been reported in this region. P. triplicata has been collected in the central area of Valencia province, in the mountains near the littoral. The rest of the species have been collected in the mountainous area of Castellón province. Cepaea nemoralis that was known to have been introduced sporadically by humans into some gardens in Valencia city, has been found in natural populations in the provinces of Valencia and Castellón.

## LITERATURE CITED

Robles, F. 1989. Moluscos continentales. in Sanchís, J. (ed.): Guía de la Naturaleza en la Comunidad Valenciana 4: 61-80. Valencia, CAM, Levante e IVEI.