

STICHTING SCHEPSEL SCHELP

1991 - 2016



Part 1

every living creature,

English version

Edited by: Stichting Schepsel Schelp
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STICHTING SCHEPSEL SCHELP
(Foundation Creature Shell

From 1991 to 2016

Part 1



Thanking the Creator.

Preface

Stichting Schepel Schelp exists 25 years.

We think this is reason enough to publish a book about our activities in this period and to give you an impression of our collection. This book also will be a token of gratitude for our board members and befriended persons and institutes.

To date we have about 63.000 lots in our collection. In the two parts of this book we can only show you approximately 3.400 items. This is only a small selection (roughly 5 percent).

Of course, you can also find a lot of information on our website: www.fossilshells.nl. On this site we have chosen to arrange our collection on countries and on geological formations. In this book we show our stuff in taxonomic arrangement. For every super family we show some items from our collection. You will notice that most of the super families crawl over our planet for a very long period already and it gives you also an idea about the distribution over the world.

Being the book in two parts it gives you an opportunity to open the section of f.e. the Muricoidea in part 1 on page 131 (fossils) and at the same time in part 2 on page 60. (actual). This will give you a good survey of the group and you can try to see the fossil shells with the coloration they might have had far back in time.

In 2009 we donated 90 % of our actual shells to the University of Amsterdam (UVA). This accounted to roughly 22.000 collection samples. In the appendixes you find more information. From most of this material we did not take pictures, so we can not show them. We did however keep some chosen items from most super families for our showcases and can show these in this book. Actual examples of super families with only small shells, such as the Rissooidea, will unfortunately be absent.

We thank everybody who assisted our foundation in the past 25 years with collection-items, indication of good collection sites, identification of material, mental support or correction, data-processing etc., etc. We also thank our board members for their involvement and advice over the years. Some people who significantly helped us in one way or the other we have given the title "Friend of the Foundation" Sadly some of them passed away already.

This book would not have been possible without the lasting and extensive help of Mr. Evert-Jan van der Leij.

The enormous richness of nature on our planet captivated us totally. This was all trusted to us to manage and conserve, not to destroy. With intense pleasure I express my anticipation of a new world with new stewardship coming soon.

Enjoy this book and all the magnificence of creation which is still to be seen and experienced.

Drs. Ing. Piet Hessel
(director)

Aims of our foundation (Stichting Schepse Schelp)

- To honour God as the Creator
- To further the knowledge of biology, geology and paleontology, especially in relation to recent and fossil shells.
- To stimulate the public to the knowledge of shells and the admiration of their beauty.

History of the Foundation

From 1954 onward there have been collection trips. In the early days, these trips were made by bicycle from Utrecht to Katwijk. Nothing has been preserved from these early times.

During internships on the isle of Walcheren in 1957 a new effort was made to start a shell collection: for the first time also containing fossil material from the Pliocene found on the beaches. However, not more than a small private collection existed at that time.

Starting in 1968 hundreds of collecting trips were made and we bought also worldwide specimen shells. A small museum developed.

In 1989 more time came available and we could think about a museum accessible for everyone.

On February 4th 1991 a foundation “Stichting Schepsel Schelp” was established by Piet Hessel and Rudi Hessel.

From May 1992 onward this foundation was recognised by the Dutch Ministry of Finance as an “Organisation for the General Good”. In 2012 the status of “Cultural Organisation” was added.

In 2009 lack of space made it necessary to start with the donation of parts of the collection to bigger institutes, such as the University of Amsterdam, the Natural History Museum of Rotterdam and the Naturalis Biodiversity Center in Leiden. With Naturalis we established an agreement of cooperation.

In 2013 we were recognised by the “Global Biodiversity Information Facility” (GBIF) as a partaking organisation under our alias “International Fossil Shell Museum” and administrated under the code AMadk6LPCEF.

Our museum has departments in Utrecht and in Rhenen. In February 2016 the department in Utrecht will no longer be accessible to the general public, due to old age of the conservator.

We started with a very simple documentation system, using loose leaves in a ring binder. Now we have a sophisticated digital system. About 63.000 records are registered containing more than 435.000 objects. Since 2012 we have a good camera, which enables us to picture the small shells in an acceptable manner.

A flyer of our foundation is available in Dutch, French and English. You can print this flyer also from our website (www.fossilshells.nl).

This website was started in 1997. More and more scientists and other interested people use this opportunity to look at shells. In 2014 we had 830.000 hits from 30.000 visitors (16.000 unique visitors). Our museum is mainly digital. In Utrecht about 2.000 people visited the museum in person over the past 25 years.

We have done all of our actions with great pleasure. The costs amounted to ca Euro 589.000. We also invested more than 39.000 hours.

On February 4th 2016, the presidency of our foundation will be passed on to Dr. Rudi Hessel.

Explanation

In the following pages you will find lots of pictures of material in our collection.

Without documentation collection items are scientifically worthless. Our database enables us to store information on more than 30 variables for each record. We give you a list of these “fields” and we will indicate as well which info you will find below the pictures in this book. Sometimes, for material we did not collect ourselves, some pieces of information are lacking. If the genus name is followed by “species”, we really were not able to identify the species. In these cases there will of course also be no “Author”.



Gisortia coombii (Dixon in Sowerby,1850)
Gan, Pyrenees-Atlantiques, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17375, 225 mm.

| Variables | Explanation | Fossil | Recent |
|------------|--|---------------------|--------|
| Colno | number of the collection sample | line 4 | line 3 |
| Pict. | year the picture was taken | | |
| Genus | name of genus | line 1 | line 1 |
| Species | name of species | line 1 | line 1 |
| Author | person who described the species and when | line 1 | line 1 |
| Nofam | number of the family in the classification of SSS | | |
| Familia | name of the family | | |
| Nosupfam | number of the super family in the classification of SSS | | |
| Superfam | name of the super family | on top of the pages | |
| N | amount of specimens | | |
| Nature | Indication of the material | | |
| Dim | biggest diameter in millimetres | line 4 | line 3 |
| Quality | quality | | |
| Locality | locality | line 2 | line 2 |
| Department | province or department or district | line 2 | line 2 |
| Region | region, part of country | line 2 | line 2 |
| Country | country | line 2 | line 2 |
| Subformat | geological subformation | | |
| Formation | geological formation | line 3 | line 3 |
| Epoch | geological epoch | line 3 | line 3 |
| Period | geological period | line 3 | line 3 |
| Label | field for labeling | | |
| Intake | year of intake in collection | | |
| Source | person where the material came from | | |
| Coldate | date of collecting | | |
| Ident | person who identified the material | | |
| Litno | number of publication in our library | | |
| Col | indication in which institute the material is incorporated | | |
| Unit | cabinet or showcase of SSS where the material is placed | | |
| Part. | Indication of part of showcase or number of drawer | | |
| Level | level of showcase shelf | | |

Below the pictures you find the **name** of the animal, the **author** who described it, the **location** where it was found, the geological **formation** from which it was taken, the **recordnumber** in our collection and the **biggest dimension** in millimetres.

For recent shells of course no formation is given. They still crawl around happily.

Start of the collection In this way it all began:



Acmaea virginea (Muller, 1776)
Oostkapelle, Walcheren, Zeeland, Netherlands
Colno 60548, 9 mm.



Neptunea angulata (Wood, 1848)
Breskens, Zeeuws Vlaanderen, Zeeland, Netherlands
Colno 14885, 80 mm.



Ocenebra erinaceus (Linnaeus, 1758)
Oostkapelle, Walcheren, Zeeland, Netherlands
Colno 55755, 14 mm.



Glycymeris variabilis (Sowerby, 1824)
Vrouwenpolder, Walcheren, Zeeland, Netherlands
Colno 60574, 54 mm.



Lucinella divaricata (Linnaeus, 1758)
Oostkapelle, Walcheren, Zeeland, Netherlands
Colno 55763, 8 mm.



Astarte sulcata (DaCosta, 1778)
Oostkapelle, Walcheren, Zeeland, Netherlands
Colno 60565, 22 mm.



Corbicula fluminalis (Muller, 1774)
Oostkapelle, Walcheren, Zeeland, Netherlands
Colno 60564, 27 mm.



Varicorbula gibba (Olivi, 1792)
Oostkapelle, Walcheren, Zeeland, Netherlands
Colno 60566, 10 mm.

Fossil Mollusca in taxonomic order: POLYPLACOPHORA



Pseudoischnochiton wynyardensis (Ashby,1929)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
No 61891, 19 mm.



Eudoxochiton nobilis Gray,1843
Takapura Reef, Auckland Region, New Zealand
Subatlant., Holocene, Quaternary
No 31629, 80 mm.



Chitonina species
Fossil Beach, Mornington, Victoria, Australia
Balcombian, Miocene, Tertiary
No 56544, 11 mm



Chitonina species
Apac Quarry, Florida, USA
Tamiami Format., Pliocene, Tertiary
No 15805, 7 mm



Chitonina species
Lee Creek Mine, North Carolina, USA
James City Form., Pleist., Quaternary
No 60854, 9 mm.



Chitonina species
Borsele, Zeeland, The Netherlands
Not in situ, Pliocene, Tertiary
No 60586, 9 mm.



Chiton virgifer Sandberger,1859
Gienberg, Rheinland Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62466, 10 mm.



Cryptoconchus marwicki Bucknill,1928
Castelecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57221, 11 mm.

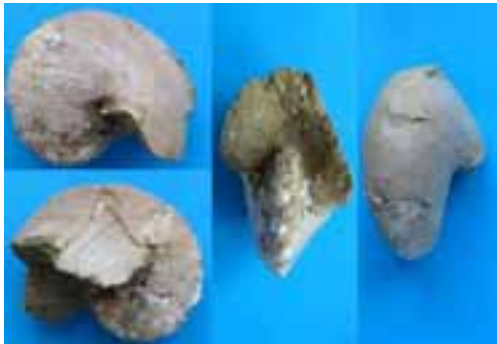
CEPHALOPODA 1



Cyrtoceras species
Gees, Vulkaneifel, Rheinland-Pfalz, Germany
Eifelian, Devonian
Colno 51003, 81 mm.



Euthrephoceras geelongensis (Foord, 1891)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 62517, 68 mm.



Euthrephoceras parisiense Deshayes, 1865
Saint-Gobain, Aisne, Picardie, France
Cuisian, Eocene, Tertiary
Colno 9527, 170 mm.



Nautilus allionii Michelotti, 1840
Saint-Martin-d'Oney, Landes, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 25751, 90 mm



Nautilus lamarecki Deshayes, 1830
Meldert, East Flanders, Belgium
Ledian, Eocene, Tertiary
Colno 20224, 230 mm.



Nautilus species
Gan, Pyrénées Atlantiques, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17382, 240 mm



Nautilus species
Esparron-de-Verdon, Alpes de Haute Province, France
Jurassic
Colno 35353, 155 mm.

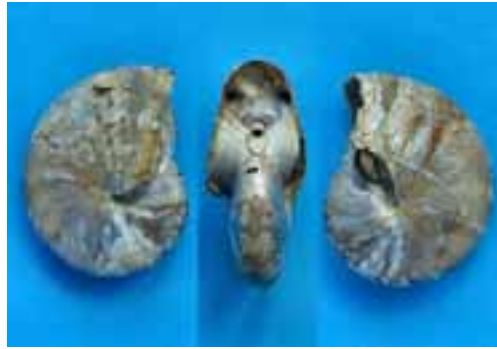


Nautilus species
Bretagne, France
Jurassic
Colno 35332, 120 mm.

CEPHALOPODA 2



Aturia aturi (Basterot, 1825)
 Saint-Martin-d'Oney, Landes, Aquitaine, France
 Aquitanian, Miocene, Tertiary
 Colno 19247, 125 mm.



Aturia cubaensis (Lea, 1841)
 Muddy Creek, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 62518, 51 mm.



Gravesia gigas Zieten, 1830
 Bar sur Aube, Champagne-Ardenne, France
 Portlandian, Malm, Jurassic
 Colno 49716, 230 mm.



Mammites nodosoides (Schluter, 1871)
 Morocco
 Turonian, Cretaceous
 Colno 51824, 143 mm.



Ancyloceras species
 Morocco
 Jurassic
 Colno 22866, 390 mm.



Crioceratites emerici Leveille, 1837
 Barrême, Alpes de Haute Province, France
 Barremian, Cretaceous
 Colno 47726, 160 mm.



Anisoceras species
 Uljanowsk, Siberia, Russia
 Cretaceous
 Colno 24371, 46 mm.



Turrilites costatus Lamarck, 1801
 Drôme, Rhône-Alpes, France
 Cenomanian, Cretaceous
 Colno 47704, 99 mm.

CEPHALOPODA 3



Baculites faujasi Lamarck, 1822
Caestert, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 60161, 65 mm.



Harpoceras falcifer (Sowerby, J., 1820)
Rivière-sur-Tarn, Aveyron, Midi-Pyrénées, France
Toarcian, Lias, Jurassic
Colno 55090, 245 mm.



Pleydellia species
Rivière-sur-Tarn, Aveyron, Midi-Pyrénées, France
Toarcian, Lias, Jurassic
Colno 60267, 28 mm.



Dactylioceras commune Sowerby, J., 1815
Loudun, Vienne, Poitou-Charentes, France
Callovian, Dogger, Jurassic
Colno 47700, 103 mm.



Euhoplites lautus (Sowerby, J., 1821)
Cran Saint Pot, Pas-de-Calais, France
Cretaceous
Colno 60175, 27 mm.



Belemnitella junior Nowak, 1913
Geulheim, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 42282, 98 mm.



Belemnitella mucronata (Schlotheim, 1813)
ENCI quarry, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 60285, 72 mm.



Cylindroteuthis puzosiana (Orbigny, 1842)
Peterborough, Cambridgeshire, Great Britain
Oxfordian, Malm, Jurassic
Colno 44902, 137 mm.

CEPHALOPODA 4



Beloptera belemnoidea Blainville, 1825
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61244, 12 mm.



Beloptera curta Cossmann, 1896
Fontenay en Vexin, Eure, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 9964, 28 mm.



Beloptera deshayesi Vincent, 1901
Chenay, Marne, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 14286, 20 mm.



Belosepia blainvillii Deshayes, 1835
Baron, Oise, Picardie, France
Bartonian, Eocene, Tertiary
Colno 8715, 37 mm.



Belosepia sepioidea Blainville, 1825
Fontenay en Vexin, Eure, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 8741, 26 mm.



Belosepia tricarinata Watelet, 1851
Gan, Pyrénées Atlantiques, Aquitaine, France
Cuisian, Eocene, Tertiary
Colno 21462, 70 mm.

SCAPHOPODA 1



Dentalium caloosaense Dall, 1892
De Soto, Florida, USA
Tamiami Form., Pliocene, Tertiary
Colno 29072, 41 mm.



Dentalium dissimile Guppy, 1866
Rio Mao, Cibao Valley, Dominican Republic
Cercado Form., Pliocene, Tertiary
Colno 27611, 38 mm.



Dentalium fossile Gmelin, 1790
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51737, 71 mm.



Dentalium mantelli Zittel, 1864
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62094, 88 mm.



Dentalium octangulatum Donovan, 1803
Shimazu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36559, 54 mm.



Dentalium raricostatum Sacco, 1897
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21760, 36 mm..



Dentalium septentrionale Kuroda+Kikuchi, 1933
Maebayashi, Chiba, Japan
Kamiiwasgashi Form., Pleistocene, Quaternary
Colno 36554, 62 mm.



Dentalium sexangulatum Gmelin, 1790
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51738, 78 mm.

SCAPHOPODA 2



Dentalium solidum Hutton, 1873
Palliser Bay, Wellington Region, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 35396, 73 mm.



Laevidentalium nitidum Deshayes, 1861
Cinqueux, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62617, 25 mm.



Pulsellum dilatatum Cossmann, 1888
Cinqueux, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62618, 8 mm.



Cadulus clarae Maury, 1910
Okaloosa County, Florida, USA
Oak Grove Sand, Miocene, Tertiary
Colno 59703, 6mm.



Cadulus gracilina Sacco, 1897
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23036, 9 mm.



Cadulus volvulus Gardner, 1947
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59548, 9 mm.



Cadulus lobion Gardner, 1947
Ten Mile Creek, Calhoun County, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59265, 6 mm.



Gadila benoisti houthalensis (Goddeeris, 1977)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35938, 11 mm.D

PATELLOIDEA



Acmaea antillarum (Sowerby, 1831)
La Isabella, Paraguana Peninsula, Venezuela
Isabella Form., Pleistocene, Quaternary
Colno 51457, 15 mm.



Acmaea galea Sohl, 1960
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27045, 16 mm.



Acmaea pallida (Gould, 1859)
Semata, Chiba, Japan
Semata F., Pleistocene, Quaternary
Colno 36564, 22 mm.



Acmaea virginea (Muller, 1776)
Cadzand, Zeeuws Vlaanderen, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60643, 7 mm.



Scurria compressiuscula (Karsten, 1849)
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 55223, 2 mm.



Proscutum arenarium Watelet, 1853
Cinqueux, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62616, 9 mm.



Patella poseidonis Giebel, 1863
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61370, 32 mm.



Lepeta scaldensis Regteren Altena, 1954
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48333, 10 mm.

LEPETELLOIDEA + EUOMPHALOIDEA



Cocculina miocaenica Boettger, 1901
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35935, 3 mm.



Cocculina species
Farley Creek, Florida, USA
Chipola F., Miocene, Tertiary
Colno 59550, 6 mm.



Cocculinella salisburyensis Ludbrook, 1956
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34723, 7 mm.



Lepetella compressiuscula (Karsten, 1849)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17527, 3 mm.

EUOMPHALOIDEA



Lepetella laterocompressa (Raincourt+Ponzi, 1854)
Pontasso, Pavia, Lombardia, Italy
Plaisancian, Pliocene, Tertiary
Colno 40400, 3 mm.



Weeksia amplificata (Wade, 1926)
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27044, 18 mm.

FISSURELLOIDEA 1



Clypidina radiola Lamarck, 1802
Fontenay en Vexin, Eure, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 14180, 15 mm.



Emarginula crassa Sowerby, 1813
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 47759, 38 mm.



Emarginula fissura reticulata Sowerby, J., 1813
Borsele, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60634, 9 mm.



Emarginula punctulata Philippi, 1843
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 38990, 29 mm.



Emarginula striatula Quoy+Gaimard, 1834
Landguard Bluff, Whanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35879, 26 mm.



Entomella clypeata Lamarck, 1802
Villiers-Saint-Frédéric, Yvelines, Île-de-Fr., France
Lutetian, Eocene, Tertiary
Colno 43248, 13 mm.



Hemitoma retiporosa (Dall, 1903)
De Soto, Florida, USA
Tamiami Form., Pliocene, Tertiary
Colno 35658, 11 mm.



Puncturella nobilis Adams, A., 1860
Semata, Chiba, Japan
Semata F., Pleistocene, Quaternary
Colno 36589, 13 mm.

FISSURELLOIDEA 2



Scutus turgidum Koenen
Rybalsky Quarry, Dnipropetrovsk, Ukraine
Priabonian, Eocene, Tertiary
Colno 61248, 4 mm.



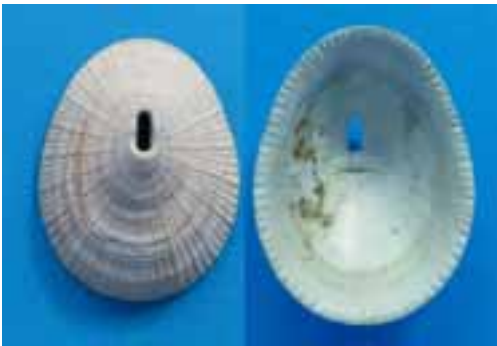
Tugali pliocenica Finlay, 1926
Castlecliff Pin., Whanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35670, 24 mm.



Diodora alumensis (Mansfield, 1930)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24012, 52 mm.



Diodora arnoldi McLean, 1966
Orange County, California, USA
Palos Verdes Sands, Pleist., Quaternary
Colno 43735, 18 mm.



Diodora caloosaensis Dall, 1892
Quality Aggregates, Florida, USA
Tamiami F., Pliocene, Tertiary
Colno 28951, 40 mm.



Diodora carditella Dall, 1892
Apac Quarry, Florida, USA
Tamiami F., Pliocene, Tertiary
Colno 15775, 34 mm.



Diodora carolinensis (Conrad, 1875)
Quality Aggregates, Florida, USA
Tamiami F., Pliocene, Tertiary
Colno 24032, 13 mm.



Diodora cayenensis Lamarck, 1822
Miami Canal, Florida, USA
Okeechobee F., Pleistocene, Quaternary
Colno 16085, 35 mm.

FISSURELLOIDEA 3



Diodora chipolana (Dall,1892)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59528, 15 mm.



Diodora graeca (Linnaeus,1758)
Velerin, Malaga, Spain
Piacenzian, Pliocene, Tertiary
Colno 51490, 31 mm.



Diodora griscomi (Conrad,1834)
Calvert Cliffs, Maryland, USA
Choptank F., Miocene, Tertiary
Colno 35309, 24 mm.



Diodora italica (Defrance,1820)
Bonares, Andalucia, Spain
Arrenas de Bonares F., Pliocene, Tertiary
Colno 51664, 39 mm.



Diodora mississippiensis (Conrad,1848)
Keyes Scrap Mill, Mississippi, USA
Byram F., Oligocene, Tertiary
Colno 41575, 14 mm.



Diodora quadriradiata (Reeve,1850)
Saigou, Chiba, Japan
Numa Coral F., Holocene, Quaternary
Colno 36603, 16 mm.



Diodora subcostaria (Orbigny,1852)
De Krim, Gelderland, Netherlands
Hemmoorian, Miocene, Tertiary
Colno 36336, 14 mm.



Diodora sublamellosa Deshayes,1861
Attichy, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62200, 22 mm.

FISSURELLOIDEA 4



Amblychilepas crucis (Beddome,1883)
Madura, Western Australia, Australia
Roe Calcarenite , Pliocene, Tertiary
Colno 34692, 14 mm.



Amblychilepas oblonga (Menke,1843)
Hampton, Western Australia, Australia
Roe Calcarenite , Pliocene, Tertiary
Colno 34695, 21 mm.



Fissurella barbadensis (Gmelin,1791)
El Yaque, Isla Margarita, Venezuela
Pleistocene, Quaternary
Colno 58530, 20 mm.



Fissurella volcano Reeve,1849
San Diego, California, USA
Bay Point Formation,Pleistocene, Quaternary
Colno 43702, 28 mm.



Macrochisma compressa Adams,A.,1851
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43760, 9 mm.



Fissurellidea malleata Tate,1882
Red Bluff, Victoria, Australia
Fyansford Formation, Miocene, Tertiary
Colno 55979, 16 mm.



Lucapinella limatula (Reeve,1850)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59526, 6 mm.



Lucapinella talanteia Olsson+Harbison,1953
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16620, 25 mm.

SCISSURELLOIDEA + PLEUROTOMARIOIDEA



Haliotis australis Gmelin, 1791
 Whatarangi Point, Wellington, New Zealand
 Haweran ??, Pleistocene, Quaternary
 Colno 47083, 57 mm.



Haliotis benoisti Cossmann, 1895
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21724, 9 mm.



Haliotis cyclobates Peron+Lesueur, 1816
 Hampton, Western Australia, Australia
 Roe Calcareneite, Pliocene, Tertiary
 Colno 58241, 47 mm.



Haliotis tuberculata lamellosa Lamarck, 1822
 Rapolano, Sienna, Toscana, Italy
 Plaisancian, Pliocene, Tertiary
 Colno 44568, 35 mm.

PLEUROTOMARIOIDEA



Pleurotomaria species
 Exmouth, Western Australia, Australia
 Miria Marl F., Cretaceous
 Colno 31673, 49 mm.



Pleurotomaria species
 Blockley, Gloucestershire, Great Britain
 Lias, Jurassic
 Colno 44897, 60 mm.



Worthenia tabulata (Conrad, 1895)
 Stephens County, Texas, USA
 Pennsylvanian, Carboniferous
 Colno 47801, 23 mm.



Chelotia concava Deshayes, 1832
 Chaumont en Vexin, Oise, Picardie, France
 Lutetian, Eocene, Tertiary
 Colno 55792, 41 mm.

TROCHOIDEA 1



Eucycloscala tuberculatum Wade, 1925
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27046, 6 mm.



Liotina subquadrata (Tenison Woods, 1878)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34613, 3 mm.



Munditia lamellosa (Tenison Woods, 1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62111, 3 mm.



Angaria astraformis Klushnikov, 1958
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61147, 29 mm.



Angaria bronnii (Philippi, 1846)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61218, 7 mm.



Cirsochilus semperi turbinatus Deshayes, 1863
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62615, 4 mm.



Collonia turgida Klushnikov, 1958
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61322, 23 mm.



Gelasinostoma elegantula (Dall, 1892)
De Soto, Florida, USA
Tamiami F., Pliocene, Tertiary
Colno 16733, 6 mm.

TROCHOIDEA 2



Astraea chipolana Dall, 1892
Farley Creek, Florida, USA
Chipola F., Miocene, Tertiary
Colno 43649, 12 mm.



Astraea hudsoniana (Johnston, 1888)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61701, 4 mm.



Astralium karlschmidti Maury, 1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27541, 18 mm.



Astralium sublongispinum Maury, 1917
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27572, 17 mm.



Bellastrae aster (Tenison Woods, 1879)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 61934, 3 mm.



Pareuchelus cancellacostatus (Sandberger)
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62409, 6 mm.



Turbo crenulatoides Maury, 1917
Capeletti Pit, Florida, US
Okeechobee Formation, Pleistocene
Colno 20201, 28 mm.



Turbo crenulatus Gmelin, 1791
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24020, 33 mm.

TROCHOIDEA 3



Turbo dominicensis Gabb, 1873
Quality Aggregates, Florida, USA
Tamiami Formation., Pliocene, Tertiary
Colno 24083, 43 mm.



Turbo etheridgei (Tenison Woods, 1877)
Fossil Bluff, Tasmania, Australia
Longfordian., Miocene, Tertiary
Colno 61698, 13 mm.



Turbo rhexogrammicus Dall, 1892
Miami Canal, Florida, USA
Okeechobee Formation., Pleistocene, Quaternary
Colno 16086, 50 mm.



Turbo rugosus (Linnaeus, 1766)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20425, 75 mm.



Tricolia affinis chipolana Gardner, 1947
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59515, 10 mm.



Tricolia dunkeri Deshayes, 1863
Cinqueux, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62614, 8 mm.



Phasianella australis (Gmelin, 1791)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34444, 70 mm.



Phasianella ventricosa Swainson, 1822
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34637, 53 mm.

CIRROIDEA 1



Calliomphalus americanus Wade, 1926
Coon Creek, Tennessee, USA
Ripley F., Cretaceous
Colno 27043, 6 mm.



Calliomphalus squamulosus Lamarck, 1804
Chaumont en Vexin, Oise, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62538, 38 mm.



Cantharidus apicinus (Menke, 1843)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34610, 16 mm.



Cantharidus fultoni Sowerby, 1889
Zwartkops, City of Tshwane, Gauteng, RSA
Pleistocene, Quaternary
Colno 54945, 14 mm.



Cittarium pica (Linnaeus, 1758)
Punta Arenas, Isla Margarita, Venezuela
Plio/Pleistocene, Tertiary
Colno 58557, 90 mm.



Clanculus cruciatus (Linnaeus, 1758)
Pontasso, Lombardia, Italy
Plaisancian, Pliocene, Tertiary
Colno 40408, 9 mm.



Clanculus pharaonius (Linnaeus, 1758)
El Dahar, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43796, 22 mm.



Diloma orientalis (Cossmann+Peyrot, 1917)
Gainfarn, Basin of Vienna, Austria
Badenian, Miocene, Tertiary
Colno 47618, 22 mm.

CIRROIDEA 2



Gibbula crassigranosa (Tenison Woods, 1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61700, 14 mm.



Gibbula pseudaraonis Strausz, 1960
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26937, 4 mm.



Gibbula sulcata (Lamarck, 1888)
Le Bois-Gouet, Loire Atl., Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18451, 6 mm.



Micrelenchus sanguineus sanguineus (Gray, 1843)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35738, 6 mm.



Oxystele rotellaris (Michelotti, 1847)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21754, 25 mm.



Rubitrochus declivis (Forskal in Niebuhr, 1775)
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleist., Quaternary
Colno 43793, 18 mm.



Tectus lucasianus Brongniart, 1823
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61447, 36 mm.



Tectus noduliferus (Lamarck, 1822)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43777, 123 mm.

CIRROIDEA 3



Thalotia alternata (Tenison Woods, 1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61689, 33 mm.



Thalotia chlorostoma (Menke, 1843)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34633, 22 mm.



Tiburnus margaritula (Sandberger, 1859)
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62415, 7 mm.



Trochus erythraeus Brocchi, 1821
Hurghada, Red Sea, Egypt
Not in situ., Pleist., Quaternary
Colno 43779, 37 mm.



Trochus viridis Gmelin, 1791
Castlecliff, Whanganui, New Zealand
Castlecliffian, Pleist., Quaternary
Colno 35747, 22 mm.



Tegula exoleta (Conrad, 1843)
Farley Creek, Florida, USA
Chipola F., Miocene, Tertiary
Colno 59495, 14 mm.



Tegula lindae Petuch, 1994
Apac Quarry, Florida, USA
Tamiami F., Pliocene, Tertiary
Colno 47999, 17 mm.



Stomatella arabica Adams, 1854
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43775, 12 mm.

CIRROIDEA 4



Stomatella duplicata Sowerby, 1854
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleist., Quaternary
Colno 43804, 20 mm.



Calliostoma ceramicum Dall, 1892
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene., Tertiary
Colno 29946, 21 mm.



Calliostoma flumenvadum Gardner, 1947
Walton County, Florida, USA
Shoal River Formation Miocene, Tertiary
Colno 55057, 18 mm.



Calliostoma laureatum (Mayer, 1874)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35996, 18 mm.



Calliostoma mancinella Olsson, 1922
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30586, 20 mm.



Calliostoma rugabasis Gardner, 1947
Walton County, Florida, USA
Shoal River Formation, Miocene, Tertiary
Colno 55069, 13 mm.



Maurea pellucida (Valenciennes, 1846)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35755, 35 mm.



Maurea tigris (Gmelin, 1791)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35753, 32 mm.

CIRROIDEA 5



Solariella grata Deshayes, 1863
Cinqueux, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62610, 5 mm.



Solariella suturalis, (Philippi, 1843)
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 55221, 5 mm.



Spectamen tryphenense (Powell, 1930)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57128, 5 mm.



Nanula galbina (Hedley+May, 1908)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34626, 9 mm.



Umbonium costatum (Kiener, 1838)
Maebayashi, Chiba, Japan
Kamiwasgashi Formation, Pleistocene, Quaternary
Colno 36608, 31 mm.



Umbonium zelandicum (Hombron+Jacquin, 1855)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35666, 20 mm.



Leucorhynchia callifera Deshayes, 1832
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61270, 3 mm.



Putilla species
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17531, 1 mm.

NERITOIDEA 1



Neritopsis moniliformis Grateloup, 1832
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54776, 20 mm.



Neritopsis parisiensis raricostatus Klushnikov, 1958
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Miocene, Tertiary
Colno 61303, 31 mm.



Nerita circumvallata Bayan, 1870
Grola quarry, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61816, 32 mm.



Nerita morio Dujardin, 1837
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21866, 22 mm.



Nerita pentastoma Deshayes, 1864
Gánti-Szölök, Middle-Transdanubia, Hungary
Lutetian, Eocene, Tertiary
Colno 62860, 6 mm.



Nerita plutonis Basterot, 1825
Mariahalom, Middle-Transdanubia, Hungary
Egerian, Oligocene, Tertiary
Colno 27118, 16 mm.



Nerita species
Sabanita, Colon, Panama
Gatun Formation, Miocene, Tertiary
Colno 22597, 21 mm.



Neritina figulopicta Maury, 1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27564, 9 mm.

NERITOIDEA 2



Neritina mutinensis (Ancona, 1869)
San Nicomede, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39929, 11 mm.



Otostoma corneti (Ancona, 1869)
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61554, 9 mm.



Otostoma retzii (Nilsson, 1827)
Blom, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 42265, 42 mm.



Theodoxus bouryi Cossmann, 1888
Cinqueux, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62613, 6 mm.



Velates perversus Gmelin, 1791
Cinqueux, Oise, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62627, 65 mm.



Smaragdia souverbiana Gassies, 1861
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43813, 7 mm.



Phenacolepas crenulata (Broderip, 1834)
Red Bluff, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56877, 16 mm.



Plesiothyreus pararabica (Christiaens, 1988)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43810, 7 mm.

STROMBOIDEA 01



Pelicaria acuminata (Marwick,1924)
Hautotara, Wellington, New Zealand
Nukumaruan, Pleistocene, Quaternary
Colno 47076, 48 mm.



Pelicaria canaliculata (Zittel,1864)
Marima Pahiatua, Wairarapa, New Zealand
Waipipian, Pliocene, Tertiary
Colno 47081, 48 mm.



Pelicaria convexa (Marwick,1924)
Motunau Station, N.Canterbury, New Zealand
Nukumaruan, Pliocene, Tertiary
Colno 57445, 40 mm.



Pelicaria vermis tricarinata (Lesson,1841)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35688, 55 mm.



Pelicaria vermis vermis (Martyn,1784)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 47072, 39 mm.



Struthiolaria callosa Marwick,1924
Putangirua, Wairarapa Region, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 57458, 65 mm.



Struthiolaria papulosa (Martyn,1784)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35663, 87 mm.



Struthiolaria praenuntia Marwick,1926
Putangirua, Wairarapa, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 47077, 44 mm.

STROMBOIDEA 02



Struthiolaria spinosa Hector, 1886
White Rock River, South Canterbury, New Zealand
Altonian, Miocene, Tertiary
Colno 57718, 79 mm.



Tylospira coronata Tate, 1885
Kalimna Bluff, Victoria, Australia
Pliocene, Tertiary
Colno 55901, 46 mm.



Tylospira gilli (Marwick, 1960)
Flinders Island, Tasmania, Australia
Cameron Inlet Formation, Pliocene, Tertiary
Colno 61711, 34 mm.



Tylospira pagodiformis Ludbrook, 1978
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34440, 53 mm.



Anchura substriata Wade, 1926
Union County lake, Mississippi, USA
Ripley Formation, Cretaceous
Colno 54931, 75 mm.



Aporrhais analoga Deshayes, 1865
Cauroy, Marne, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61067, 17 mm.



Aporrhais callosa Telegdi-Roth, 1914
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23053, 35 mm.



Aporrhais dactylifera Boettger, 1902
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54757, 25 mm.

STROMBOIDEA 03



Aporrhais dingdenensis Marquet, Grigis & Landau, 2002
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 61972, 23 mm.



Aporrhais pespelecani (Linnaeus, 1758)
Bonares, Huelva, Spain
Arenas de Bon. Formation, Pliocene, Tertiary
Colno 51669, 33 mm.



Aporrhais praeteritus Boettger, 1906
Valea Crişului, Transylvania, Romania
Badenian, Miocene, Tertiary
Colno 51085, 15 mm.



Aporrhais scaldensis Regteren Altena, 1954
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 44402, 25 mm.



Aporrhais uttingerianus (Risso, 1826)
Lale, Konya, Turkey
Serravallian, Miocene, Tertiary
Colno 14309, 38 mm.



Aporrhais uttingerianus peraraneosa Sacco, 1893
Playa d'Aro, Barcelona, Spain
Miocene, Tertiary
Colno 52227, 55 mm.



Dientomochilus bartonensis ornatus Deshayes, 1835
Chateau Rouge, Oise, Picardie, France
Lutetian, Eocene, Tertiary
Colno 9097, 18 mm.



Dientomochilus decussatus DeFrance in Bast., 1825
Saint-Martin-d'Oney, Landes, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 19126, 24 mm.

STROMBOIDEA 04



Dientomochilus gracilidigitatus Deshayes, 1865
Bézu-le-Guéry, Aisne, Picardie, France
Bartonian, Eocene, Tertiary
Colno 9865, 50 mm.



Drepanocheilus speciosus (Schlotheim, 1820)
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 38986, 31 mm.



Graciliala calcaris (Wade, 1926)
Guntown, Mississippi, USA
Nukumaruan, Pleistocene, Quaternary
Colno 54928, 32 mm.



Graciliala johnsoni (Stephenson, 1923)
Guntown, Mississippi, USA
Campanian, Cretaceous
Colno 27021, 32 mm.



Helicaulax species
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 61939, 41 mm.



Maussenetia staadti Cossmann, 1904
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 55742, 100 mm.



Perissoptera parkinsoni Mantell, 1822
Troyes, Aube, Champagne-Ardenne, France
Albian, Cretaceous
Colno 52165, 103 mm.



Calyptrophorus stamineus Conrad 1856
Town Creek, Mississippi, USA
Moodys Branch F, Eocene, Tertiary
Colno 22126, 52 mm.

STROMBOIDEA 05



Canarium auricularius Grateloup, 1834
Gaas, Aquitaine, France
Stampian, Oligocene, Tertiary
Colno 18949, 200 mm.



Orthaulax gabbi Dall, 1892
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29920, 90 mm.



Pugnellus densatus Conrad, 1860
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27031, 41 mm.



Pugnellus goldmani Gardner, 1916
Union County lake, Mississippi, USA
Ripley Formation, Cretaceous
Colno 38910, 53 mm.



Rimella decussata (Grateloup, 1847)
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26920, 20 mm.



Rimella ogormani Cossmann, 1923
Gan, Pyrenees-Atlantiques, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17396, 80 mm.



Rimella rimosa (Solander in Brander, 1766)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61326, 30 mm.



Strombus alatus Gmelin, 1791
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16093, 103 mm.

STROMBOIDEA 06



Strombus aldrichi Dall, 1890
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29917, 76 mm.



Strombus bifrons Sowerby, 1849
Rio Mao, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27228, 50 mm.



Strombus bonellii Brongniart, 1825
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13253, 100 mm.



Strombus chipolanus Dall, 1890
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29918, 78 mm.



Strombus coronatus DeFrance, 1827
Kozlubucak, Konya, Turkey
Serravallian, Miocene, Tertiary
Colno 42561, 70 mm.



Strombus diegelae Petuch, 1991
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 30041, 90 mm.



Strombus erici Petuch, 1994
Griffin Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24186, 90 mm.



Strombus erythrinus Dillwyn, 1817
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43884, 36 mm.

STROMBOIDEA 07



Strombus evergladesensis Petuch, 1991
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 29051, 92 mm.



Strombus fasciatus Born, 1778
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43880, 43 mm.



Strombus fortissii Brongniart, 1823
Roncà, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 55264, 110 mm.



Strombus fragilis Roding, 1798
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34575, 23 mm.



Strombus galeatus Swainson, 1823
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 25668, 175 mm.



Strombus gibberulus Linnaeus, 1758
Ouvéa Island, Loyalty Islands, New Caledonia
Pleistocene, Quaternary
Colno 54960, 42 mm.



Strombus haitensis Sowerby, 1849
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27223, 85 mm.



Strombus hertweckorum Petuch, 1994
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22290, 170 mm.

STROMBOIDEA 08



Strombus keatonorum Petuch, 1994
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22242, 90 mm.



Strombus leidyi Heilprin, 1886
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 30046, 145 mm.



Strombus lindae Petuch, 1994
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 20212, 65 mm.



Strombus mayacensis Tucker+Wilson, 1933
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 29089, 175 mm.



Strombus mulepenensis Petuch, 1994
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24256, 130 mm.



Strombus mutabilis Swainson, 1821
Zahabia, Hurgada Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43881, 28 mm.



Strombus proximus Sowerby, 1849
Rio Mao, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27232, 58 mm.



Strombus pugilis subsp. *linnaeus*, 1758
Amuay Bay, Paraguana Peninsula, Venezuela
Cabo Blanco Formation, Pleistocene, Quaternary
Colno 22216, 75 mm.

STROMBOIDEA 09



Strombus sarasotaensis Petuch, 1994
Apac Quarry, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 47969, 67 mm.



Strombus triangulatus (Martin, 1879)
Cijarian, West Java, Indonesia
Miocene, Tertiary
Colno 61717, 36 mm.



Strombus tricornis Humphrey, 1786
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43870, 115 mm.



Eotibia pellegriusi Gregorio, 1880
Albanello quarry, Nogarole, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61738, 79 mm.



Tibia baylei Deshayes, 1865
Chaumont en Vexin, Oise, Picardie, France
Lutetian, Eocene, Tertiary
Colno 8798, 180 mm.



Tibia dentata (Grateloup, 1833)
Saint-Martin-d'Oney, Landes, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 25747, 120 mm.



Tibia fissura Coquebert+Brongn., 1793
Fontenay en Vexin, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 9535, 89 mm.



Tibia geoffroyi Watelet, 1855
Saint-Gobain, Aisne, Picardie, France
Cuisian, Eocene, Tertiary
Colno 48140, 203 mm.

STROMBOIDEA 10



Tibia macroptera Lamarck, 1803 a bit repaired
Fontenay en Vexin, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 9536, 148 mm.



Tibia marceauxi Deshayes, 1865
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 48146, 58 mm.



Paraseraphs armoricus (Vasseur, 1882)
Grola quarry, Valdagno, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61820, 72 mm.



Paraseraphs propedistortus Gregorio, 1880
Albanello quarry, Nogarole, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61737, 43 mm.



Seraphs sopitum Solander in Brander, 1766
Grola quarry, Valdagno, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61830, 73 mm.



Seraphs superbum Gregorio, 1880
Grola quarry, Valdagno, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61807, 80 mm.



Terebellopsis bellardii Gregorio, 1880
Valdagno, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61814, 100 mm.



Terebellum fusiforme Lamarck, 1802
Gan, Pyrénées-Atlantiques, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17769, 33 mm.

RISSOOIDEA 1



Alvania mariae (Orbigny, 1852)
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21976, 4 mm.



Alvania perregularis Sacco, 1895
 Szob, Börzsöny, Hungary
 Badenian/Burdigalian, Miocene, Tertiary
 Colno 26846, 4 mm.



Faxia macrostoma Ravn, 1933
 Faxe, Sjaelland, Denmark
 Danian, Paleocene, Tertiary
 Colno 55151, 5 mm.



Pusillina nana Lamarck, 1804
 Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
 Priabonian, Eocene, Tertiary
 Colno 61264, 3 mm.



Rissoa turricula Eichwald, 1853
 Szob, Börzsöny, Hungary
 Badenian/Burdigalian, Miocene, Tertiary
 Colno 26844, 4 mm.



Rissoa venus danubiensis Cossmann+Peyrot, 1918
 Borsodbóta, Borsod-Abaúj-Zemplén, Hungary
 Badenian/Burdigalian, Miocene, Tertiary
 Colno 30748, 3 mm.



Microstelma cepula Guppy, 1867
 Rio Gurabo, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27816, 11 mm.



Rissoina chipolana Dall, 1892
 Farley Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 29716, 6 mm.

RISOOIDEA 2



Rissoina geikei Koenen
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61237, 12 mm.



Rissoina obsoleta Partsch in Hörnes, 1856
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21719, 13 mm.



Rissoina puncticulata Deshayes, 1861
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62608, 8 mm.



Circulus anthera Gardner, 1947
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59341, 3 mm.



Circulus hennei Glibert, 1952
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17529, 3 mm.



Circulus planorbularis paucicostatus Deshayes, 1862
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62611, 4 mm.



Circulus praecedens (Koenen, 1882)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35949, 3 mm..



Barleeia unifasciata (Montagu, 1803)
Pontasso, Lombardia, Italy
Plaisancian, Pliocene, Tertiary
Colno 40361, 5 mm.

RISSOOIDEA 3



Teinostoma altum Olsson+Harbison, 1953
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15800, 2 mm.



Teinostoma bilabratum Briart+Cornet, 1887
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61556, 6 mm.



Teinostoma degrangei Cossmann+Peyrot, 1921
Lale, Konya, Turkey
Serravallian, Miocene, Tertiary
Colno 4943, 3 mm.



Pisinna polysulcata (Finlay, 1924)
Upokongaru, Manawatu-Wanganui, New Zealand
Nukumaruan, Pliocene, Tertiary
Colno 57835, 4 mm.



Caecum cinctum Olsson+Harbison, 1953
Orange Tree, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16460, 2 mm.



Caecum coronellum Dall, 1892
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15809, 5 mm.



Caecum floridanum Stimpson, 1851
Orange Tree, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16462, 3 mm.



Caecum heladum Olsson+Harbison, 1953
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15808, 4 mm.

RISOOIDEA 4



Meioceras apanium Woodring, 1928
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28463, 2 mm.



Cirsope multicingulata (Sandberger, 1859)
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45142, 5 mm.



Assiminea namnetensis Cossmann, 1906
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18360, 35 mm.



Hydrobia pseudocaspia Sinzow, 1912
Balchik Town, Varna, Bulgaria
Sarmatian, Miocene, Tertiary
Colno 54875, 13 mm.



Bythinella auriculata Szöts, 1953
Gánt, Middle-Transdanubië, Hungary
Lutetian, Eocene, Tertiary
Colno 62790, 2 mm.



Fontigens plana (Aldrich, 1911)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16801, 3 mm.



Cossmannia decipiens Deshayes, 1861
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62609, 4 mm.



Hyala laevigata (Koenen, 1882)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35953, 3 mm.

RISSOOIDEA 5



Stenothyra globulus mediana Deshayes, 1862
Chavençon, Picardie, France
Bartonian, Eocene, Tertiary
Colno 7418, 2 mm.



Staliola desmarestii Deshayes, 1862
Montchauvet, Ile-de-France, France
Lutetian, Eocene, Tertiary
Colno 10223, 7 mm.



Solariorbis depressus (Lea, 1833)
Faxø, Sjaelland, Denmark
Danian, Paleocene, Tertiary
Colno 55171, 6 mm.



Solariorbis funiculus (Dall, 1892)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15981, 3 mm.



Solariorbis hosiusi (Janssen, A.W., 1967)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary.
Colno 35954, 3 mm.



Vitrinella laevis (Meyer, 1886)
Big Black River, Mississippi, USA
Byram Formation, Oligocene, Tertiary.
Colno 31319, 2 mm.

TORNOIDEA, AMPULLARIOIDEA, CYCLOPHOROIDEA



Tornus quadrifasciatus (Grateloup, 1832)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35956, 4 mm.



Tornus species
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56353, 4 mm.

AMPULLARIOIDEA



Tornus trigonostoma (Basterot, 1825)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35955, 2 mm.



Viviparus georgianus Linnaeus, 1758
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 28954, 23 mm.

CYCLOPHOROIDEA



Pomacea paludosa (Say, 1829)
Griffin Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22566, 50 mm.



Palaeocyclophorus helicinaeformis Boissy, 1848
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61073, 22 mm.

CERITHIOIDEA 1



Bezanconia spirata Lamarck, 1804
 Fontenay en Vexin, Haute-Normandie, France
 Lutetian, Eocene, Tertiary
 Colno 9021, 87 mm.



Cerithioclava heilprini (Dall, 1892)
 Lakeport, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 24187, 58 mm.



Cerithioclava turricula Petuch, 1994
 Naples Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 16270, 115 mm.



Cerithium apheles Tenison Woods, 1879
 Batesford Cement Quarry, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 56206, 120 mm.



Cerithium atratum (Born, 1778)
 Leisey Shell Pit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 29145, 33 mm.



Cerithium callisoma Dall, 1892
 Naples Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24671, 29 mm.



Cerithium chipolanum Dall, 1892
 Farley Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 59387, 19 mm.



Cerithium triticium Olsson+Harbison, 1953
 Harney Pond Canal, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 24564, 17 mm.

CERITHIOIDEA 2



Cerithium uniseriale Sowerby, 1849
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27536, 11 mm.



Cerithium westraliense Ludbrook, 1971
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34518, 73 mm.



Chavanicerithium pritchardi (Harris, 1817)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61873, 88 mm.



Chavanicerithium wynyardense (Tate)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62233, 117 mm.



Fastigiella rugosa Lamarck, 1804
Cauvigny, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62633, 16 mm.



Hemicerithium akriton Hoerle, 1972
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59384, 22 mm.



Hemicerithium cossmanni (Dall, 1892)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59385, 23 mm.



Ochetoclava stena (Woodring, 1928)
Naples Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24669, 34 mm.

CERITHIOIDEA 3



Rhinoclavis chipolana (Dall,1892)
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29570, 29 mm.



Rhinoclavis vertagus (Linnaeus,1758)
Ouvéa Island, Loyalty Islands, New Caledonia
Pleistocene, Quaternary
Colno 54959, 58 mm.



Semivertagus subcalvatus Tate,1894
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34513, 27 mm.



Tenuicerithium ascensum Hoerle,S.E.,1972
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29598, 11 mm.



Tenuicerithium chipolanum (Dall,1892)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29664, 15 mm.



Bittium asperoides Gabb,1873
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27747, 8 mm.



Bittium podagrinum Dall,1892
Orange Tree, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16932, 3 mm.



Diala incommoda (Ludbrook,1941)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34722, 17 mm.

CERITHIOIDEA 4



Glauconia lujani Verneuil, 1899
Teruel, Aragón, Spain
Cretaceous
Colno 47676, 87mm.



Planaxis griseus (Brocchi, 1821)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43818, 22 mm.



Melanopsis constricta Brusina, 1878
Müllendorf, Austria
Pannonian, Miocene, Tertiary
Colno 47641, 35 mm.



Melanopsis impressa Krauss, 1852
Siegendorf, Burgenland, Austria
Pannonian, Miocene, Tertiary
Colno 47600, 42 mm.



Melanopsis vindobonensis Fuchs in Fuchs+K., 1870
Hennersdorf, Niederösterreich, Austria
Pannonian, Miocene, Tertiary
Colno 47629, 22 mm.



Modulus carchedonius (Lamarck, 1822)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24078, 12 mm.



Modulus willcoxii Dall, 1892
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 35501, 23 mm.



Alaba chipolana Dall, 1892
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29613, 6 mm.

CERITHIOIDEA 5



Alaba costellata anomala (Eichwald,1850)
Szob, Börzsöny, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26827, 6mm.



Campanile cornucopiae benechi (Bayan,1870)
Le Nehou, Basse-Normandie, France
Lutetian, Eocene, Tertiary
Colno 44882, 320 mm.



Campanile giganteum Lamarck,1804
Fleury, Champagne-Ardenne, France
Lutetian, Eocene, Tertiary
Colno 44970, 510 mm.



Campanile giganteum incomptum Sowerby 1850
Damery, Champagne-Ardenne, France
Lutetian, Eocene, Tertiary
Colno 44972, 213 mm.



Campanile symbolicum Iredale,1917
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34413, 180 mm.



Hypotrochus monachus (Crosse+Fischer,1864)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34515, 26 mm.



Hypotrochus penetricinctus Cotton,1932
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34710, 9 mm.



Alabina boioplex (Dall,1892)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29596, 8 mm.

CERITHIOIDEA 6



Diastoma melanoides (Reeve, 1849)
Madura, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34519, 67 mm.



Keilostoma typicum Briart+Cornet, 1887
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61542, 16 mm.



Sandbergeria cancellata (Nyst, 1836)
Kreuzberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62355, 6 mm.



Exechestoma interruptum angulosum Lamarck, 1804
Isles-les-Meldeuses, Ile-de-France, France
Bartonian, Eocene, Tertiary
Colno 9056, 50 mm.



Potamides moravicus variabilis Friedberg, 1914
Várpálotá, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26952, 22 mm.



Pyrazisinus kissimmeensis (Olsson, 1967)
Okeechobee, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35490, 47 mm.



Pyrazus pentagonatus (Schlotheim, 1829)
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18301, 67 mm.



Telescopium pseudoobeliscus (Gratoloup, 1832)
Larrey, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 13238, 128 mm.

CERITHIOIDEA 7



Tympanotonus margaritac. Cossmann&Peyrot, 1921
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23109, 40 mm.



Vicarya callosa japonica Yabe+Hatai, 1938
Kaki, Nagi-machi, Okayama, Japan
Katsuta Formation, Miocene, Tertiary
Colno 35025, 51 mm.



Batillaria species
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34760, 21 mm.



Zeacumanthus lutulentus (Kiener, 1841)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35727, 14 mm.



Terebralia dentilabris (Gabb, 1873)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59382, 54 mm.



Cerithidea californica (Haldeman, 1840)
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43741, 25 mm.



Melanatria pyreniformis Deshayes, 1833
Mércin, Picardie, France
Cuisian, Eocene, Tertiary
Colno 28131, 115 mm.



Apicula miamiensis Petuch, 1994
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24237, 40 mm.

CERITHIOIDEA 8



Bactrospira terebriformis (Conrad,1863)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24222, 78 mm.



Eichwaldiella pontoni (Mansfield,1931)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35343, 115 mm.



Laxispira lumbricalis Gabb,1877
Guntown, Mississippi, USA
Coffee Sand, Campanian, Cretaceous
Colno 26997, 13 mm.



Spirocolpus aldingae (Tate,1882)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62237, 93 mm.



Stiracolpus delli murdochi (Marwick,1957)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35678, 33 mm.



Maoricolpus roseus roseus (Quoy+Gaimard,1834)
Whakapirau Road, Manawatu, New Zealand
Nukumaruan, Pleistocene, Quaternary
Colno 57353, 27 mm.



Turritella altilira altilira Conrad,1857
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58955, 121 mm.



Turritella apicalis Heilprin,1887
Starbit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22945, 60 mm.

CERITHIOIDEA 9



Turritella delgadoi Dolf.+Cot.+Gomes,1904
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21842, 65 mm.



Turritella incrassata incrassata Sowerby,J.,1814
 Deurganckdok, East Flanders, Belgium
 Scaldisian, Pliocene, Tertiary
 Colno 44398, 49 mm.



Turritella plebeia Say,1824
 Chancellors Point, Maryland, USA
 Tortonian, Miocene, Tertiary
 Colno 22208, 38 mm.



Protoma cathedralis paucicincta Sacco,1895
 Burgschleinitz, Lower Austria, Austria
 Eggenburgian, Miocene, Tertiary
 Colno 52163, 135 mm.



Stephopoma roseum Quoy+Gaimard,1834
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 35731, 18 mm.



Vermicularia recta Olsson+Harbison,1953
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 28985, 140 mm.



Vermicularia spirata (Philippi,1836)
 Starpit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 48077, 60 mm.



Nerinea mosae Deshayes, 1827
 Verdun, Lorraine, France
 Oxfordian, Malm, Jurassic
 Colno 30115, 195 mm.

VERMETOIDEA



Petalocochus domingensis Sowerby, 1849
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27532, 37 mm.



Petalocochus floridana Olsson+Harbison, 1953
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16193, 40 mm.



Petalocochus glomeratus (Linnaeus, 1758)
Rio Torsero, Savona, Liguria, Italy
Tabianian, Pliocene, Tertiary
Colno 39575, 52 mm.



Petalocochus laddfranklinae Maury, 1917
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27556, 15 mm.



Petalocochus sculpturatus Lea, 1846
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15442, 95 mm.



Serpularbis arenarius (Linnaeus, 1758)
Lugagnano, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39376, 103 mm.



Vermetus carolinensis Conrad, 1863
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24594, 34 mm.



Vermetus intortus ? Lamarck, 1818
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59388, 36 mm.

LITTORINOIDEA 1



Eula terebellata (Nyst, 1835)
Walton on Nage, Essex, Great Britain
Red Crag Formation, Pleistocene, Quaternary
Colno 54997, 10 mm.



Littoraria scabra alberti (Dujardin, 1837)
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26930, 12 mm.



Littorina irrorata Say, 1822
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15788, 17 mm.



Littorina littorea (Linnaeus, 1758)
Portland, Dorset, Great Britain
Pleistocene, Quaternary
Colno 47809, 31 mm.



Littorina obtusangula Sandberger, 1859
Waldböckelheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62436, 3 mm.



Littorina seminole Petuch, 1991
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16604, 15 mm.



Nodilittorina unifasciata antipoda (Philippi, 1847)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35739, 10 mm.



Peasiella petiti Renard, 1994
Chavençon, Picardie, France
Marinesian, Eocene, Tertiary
Colno 7506, 6 mm.

LITTORINOIDEA 2



Tectarius muricatus (Linnaeus, 1758)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 58596, 23 mm.



Bembicium auratum (Quoy+Gaimard, 1833)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34624, 21 mm.



Bembicium nanum (Lamarck, 1822)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34623, 16 mm.



Lacuna eburnaeformis Sandberger, 1859
Waldböckelheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62434, 3 mm.



Lacuna subeffusa Sandberger, 1859
Waldböckelheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62435, 3 mm.



Cyclostoma squamosum Peyrot, 1933
Cestas, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 14793, 15 mm.



Dissostoma mumia Lamarck, 1804
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18464, 20 mm.



Skeneopsis planorbis (Fabricius O., 1780)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48300, 2 mm.

VANIKOROIDEA



Cymenorytis cliona Raincourt+Munier,1863
Le Guepelle, Isle-de-France, France
Bartonian, Eocene, Tertiary
Colno 21477, 3 mm.



Macromphalus elegans Deshayes,1861
Fontenay en Vexin, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 14189, 10 mm.



Vanikoro species
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43861, 12 mm.



Vanikoro species
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43862, 9 mm.



Fossarus costatus (Brocchi,1814)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51765, 11 mm.



Fossarus dalli (Whitfield,1894)
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16771, 7 mm.



Fossarus florius Gardner,1947
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59287, 4 mm.



Fossarus orbigny Fischer,1864
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15789, 12 mm.

XENOPHOROIDEA 1



Onustus lyelliana (Bosquet in Lyell,1852)
Waldböckelheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62431, 15 mm.



Xenophora burdigalensis (Grateloup,1847)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36177, 56 mm.



Xenophora burdigalensis (Grateloup,1847)
Pas de Barreau, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11069, 30 mm.



Xenophora conica Dall,1892
Hiwannee, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41491, 21 mm.



Xenophora crispa (Koenig,1825)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51729, 32 mm.



Xenophora cumulans Brongniart,1823
Baron, Picardie, France
Bartonian, Eocene, Tertiary
Colno 8881, 56 mm.



Xenophora delecta (Guppy,1876)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27207, 7 mm.



Xenophora deshayesi (Michelotti,1847)
Saint-Martin-d'Oney, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 25748, 160 mm.

XENOPHOROIDEA 2



Xenophora deshayesi (Michelotti, 1847)
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20408, 155 mm.



Xenophora floridana Mansfield, 1930
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 35529, 53 mm.



Xenophora imperforata (Gabb, 1873)
 Rio Gurabo, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27205, 98 mm.



Xenophora infundibulum (Brocchi, 1814)
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20409, 140 mm.



Xenophora species
 Red Bluff, Inverleigh, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 55819, 48 mm.



Erato chipolana Maury, 1910
 Okaloosa County, Florida, France
 Oak Grove Sand, Miocene, Tertiary
 Colno 59677, 6 mm.



Erato germanica germanica Schilder, 1929
 Heist op den Berg, Antwerp, Belgium
 Burdigalian, Miocene, Tertiary
 Colno 17562, 6 mm.



Erato laevis (Donovan, 1799)
 Fabrica, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21616, 11 mm.

XENOPHOROIDEA 3



Erato species
Bird Rock, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55997, 7 mm.



Erato voluta (Montagu, 1803)
San Nicomede, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39914, 9 mm.



Eratopsis costulata Giebel
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61207, 9 mm.



Eratotrivia crenularis Schilder, 1927
Guitry, Haute-Normandie, France
Lutetian, Eocene, Tertiary.
Colno 7908, 4 mm.



Eratotrivia platystoma Edwards, 1854
Gan, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17519, 9 mm.



Eratotrivia prestwichii Edwards, 1854
Saint-Gobain, Picardie, France
Cuisian, Eocene, Tertiary
Colno 9566, 6 mm.



Hespererato chipolana (Maury, 1910)
Alum Bluff, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29661, 5 mm.



Proterato neozelanica (Suter, 1917)
Sisters Creek, S. Canterbury, New Zealand
Waitakian, Miocene, Tertiary
Colno 57625, 5 mm.

PTENOGLOSSA 1



Krachia pulcherrima Deshayes, 1864
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61491, 7 mm.



Cerithiopsis bilineata (Hoernes, 1848)
Borsodbóta, Borsod-Abaúj-Zemplén, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 30772, 4mm.



Cerithiopsis unisulcatus (Lamarck, 1804)
Faxe, Sjaelland, Denmark
Danian, Paleocene, Tertiary
Colno 55162, 5 mm.



Cerithiopsis veslensis Cossmann, 1907
Courcelles, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 62584, 3 mm.



Seila cincta (Hutton, 1886)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35743, 8 mm.



Seila mundula Deshayes, 1864
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62725, 7 mm.



Seila trilineata Philippi, 1836
Borsodbóta, Borsod-Abaúj-Zemplén, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 30773, 7 mm.



Triforis bitubulatus Baudon, 1856
Fontenay en Vexin, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 7740, 9 mm.

PTENOGLOSSA 2



Triforis crassigranulata (Ravn,1933)
Faxe, Sjaelland, Denmark
Danian, Paleocene, Tertiary
Colno 55149, 7 mm.



Triforis herouvalensis Raine,1877
Gan, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17799, 7 mm.



Triforis sinistrorsa Deshayes,1833
Gan, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17800, 17 mm.



Ataxocerithium huttoni (Cossmann,1895)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35741, 14 mm.



Cerithiella sulcifera Melleville,1843
Cinqueux, Oise, Picardie, France
Sables de Cuise, Cuisian, Eocene, Tertiary
Colno 62727, 12 mm



Colina species
Saint-Martin-d'Oney, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 30712, 11 mm.



Newtoniella angustisulcata Ravn,1933
Faxe, Sjaelland, Denmark
Danian, Paleocene, Tertiary
Colno 55152, 7 mm.



Eocolina cuisensis Deshayes,1864
Cinqueux, Picardie, France
Sables de Cuise, Cuisian, Eocene, Tertiary
Colno 62723, 10 mm.

PTENOGLOSSA 3



Eocolina labechei Deshayes, 1864
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62177, 6 mm.



Monophorus praeversa Gruendel, 1975
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35966, 8 mm.



Triphora boettgeri (Koenen, 1882)
Gau-Weinheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62449, 6 mm.



Triphora bolax Olsson+Harbison, 1953
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15694, 3 mm.



Triphora oreodoxa Olsson+Harbison, 1953
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16855, 5 mm.



Metaxia species
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56367, 21 mm.



Metaxia species
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56709, 16 mm.



Seilarex tenuisculptus Cossmann, 1888
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62195, 4 mm.

JANTHINOIDEA 1



Acirsa duvergieri Boury in Cossmann, 1912
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35963, 8 mm.



Acirsa species
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 62885, 13 mm.



Amaea bowerbankii Morris, 1852
Courcelles, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 55307, 50 mm.



Cirsotrema chipolanum Schmelz+Portell, 2007
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59437, 20 mm.



Cirsotrema crassicostatum (Deshayes, 1839)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36000, 23 mm.



Cirsotrema sallomacense nordicum Glibert, 1852
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35985, 27 mm.



Cirsotrema scaberrimum (Michelotti, 1847)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17548, 8 mm.



Epitonium frondiculum frondiculum (Wood, 1842)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 44408, 23 mm.

JANTHINOIDEA 2



Epitonium linee (Anderson, 1964)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35978, 7 mm.



Epitonium weyersi (Nyst, 1871)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35980, 9 mm.



Epitonium whitfieldi (Aldrich, 1885)
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41363, 11 mm.



Opalia granosa (Quoy+Gaimard, 1833)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 58266, 32 mm.



Opalia pertusa Nyst, 1868
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17555, 11 mm.



Turriscala torulosa borealis Kautsky, 1925
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35982, 20 mm.



Hartungia dennanti chavani Ludbrook, 1978
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34419, 42 mm.



Hartungia species
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34421, 45 mm.

EULIMOIDEA



Eulima johnstonia Tate
Clifton Bank, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 25721, 26 mm.



Eulima subulata Donovan, 1804
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 62883, 15 mm.



Margineulima danae (Tenison Woods, 1879)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35067, 28 mm.



Melanella alba (Costa, 1778))
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35983, 13 mm.



Melanella egregia (Guppy, 1896)
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27547, 36 mm.



Niso burdigalensis Orbigny, 1852
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 62882, 8 mm.



Niso terebellum acarinatoconicum Sacco, 1892
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17558, 36 mm.



Strombiformis makista Gardner, 1947
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29837, 12 mm.

BUCCINOIDEA 01



Ancistrolepis trochoideus (Dall,1907)
Shinden, Chiba, Japan
Iioka Formation, Pleistocene, Quaternary
Colno 37575, 28 mm.



Aenator marshalli marshalli (Murdoch,1924)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57165, 49 mm.



Austrofuscus coerulescens (Finlay,1930)
Goldborough, West Coast Region, New Zealand
Kapitean, Miocene, Tertiary
Colno 57837, 38 mm.



Austrofuscus glans (Roding,1798)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 47070, 63 mm.



Babylonia brugadina (Grateloup,1840)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary.
Colno 36093, 28 mm.



Bailya intricata (Dall,1884)
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 29070, 15 mm.



Buccinum robustum Powell,1929
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35711, 20 mm.



Buccinum caronis Brongniart,1827
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21674, 45 mm.

BUCCINOIDEA 02



Colus cordatus (Bell, 1871)
 Borsele, Zeeland, Netherlands
 Not in situ, Pleistocene, Quaternary
 Colno 60628, 37 mm.



Euthria cingulata Reeve, 1847
 Fossil Beach, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 35072, 33 mm.



Globinassa roseae Petuch, 1991
 Miami Canal, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 16050, 25 mm.



Kelletia hosiusi (Beyrich, 1856)
 Miste, Gelderland, Netherlands
 Formation of Aalten, Miocene, Tertiary
 Colno 36131, 85 mm.



Liomesus dalei (Grateloup, 1840)
 Borsele, Zeeland, Netherlands
 Not in situ, Pleistocene, Quaternary
 Colno 60523, 37 mm.



Neptunea angulata (Wood, 1848)
 Deurganckdok, East Flanders, Belgium
 Scaldisian, Pliocene, Tertiary
 Colno 44386, 132 mm.



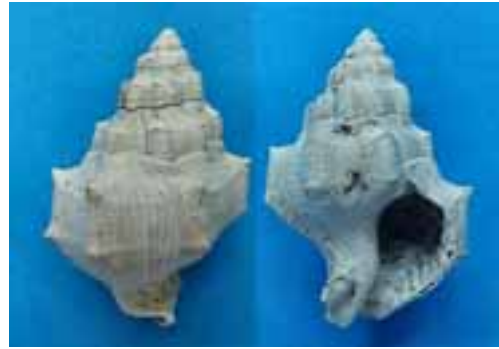
Neptunea tabulata (Baird, 1863)
 Orange County, California, USA
 Timms Pit Silt Form., Pleistocene, Quaternary
 Colno 43721, 44 mm.



Penion marwicki (Finlay, 1930)
 Oamaru, Waitaki District, New Zealand
 Otaian?, Miocene, Tertiary
 Colno 57770, 96 mm.



Pseudoneptunea angusticostata Melleville, 1843
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62161, 12 mm.



Pseudoneptunea paradoxa (Jenkens, 1864)
Pasar Ipiis, West Java, Indonesia
Pliocene, Tertiary
Colno 61721, 33 mm.



Ptychosalpinx chesapeakensis Campbell, 1993
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60841, 37 mm.



Ptychosalpinx multirugatus (Conrad, 1841)
Berkeley Quarry, South Carolina, USA
Raysor Marl, Pliocene, Tertiary
Colno 35557, 36 mm.



Siphonalia roblini (Tenison Woods, 1876)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61680, 74 mm.



Solenosteira gatesi Berru, 1963
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58999, 34 mm.



Solenosteira vauhani Dall, 1903
Quality Aggregates, Florida, USA
Tamiami Formation., Pliocene, Quaternary
Colno 24149, 32 mm.



Suessionia arenaria Cossmann, 1889
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62715, 7 mm.

BUCCINOIDEA 04



Thanetinassa bicorona Melleville, 1843
Chenay, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 8082, 15 mm.



Truncaria brunneocincta (Dall, 1896)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58899, 30 mm.



Volutharpa ampullacea perryi (Jay, 1857)
Turumaki, Chiba Prefecture, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36625, 41 mm.



Zelandiella fatua Finlay, 1926
Horseshoe Bend, N. Canterbury, New Zealand
Altonian/Waiauian, Miocene, Tertiary
Colno 58027, 39 mm.



Antillophos veraguensis (Hinds, 1843)
Montezuma, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58728, 34 mm.



Cominella chattonensis (Finlay, 1926)
Chatton, Southland Region, New Zealand
Montezuma Form., Plio/Pleistocene, Tertiary
Colno 58095, 30 mm.



Cominella hamiltoni (Hutton, 1885)
Glenstrae Farm, Marlborough Region, New Zealand
Nukumaruan, Pliocene, Tertiary
Colno 57429, 19 mm.



Cominella hendersoni Marwick, 1926
Whatarangi Point, Wellington Region, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 47080, 36 mm.

BUCCINOIDEA 05



Cymatophos lindae Petuch,1991
Quality Aggregates, Florida, USA
Tamiami Formation , Pliocene, Tertiary
Colno 24152, 60 mm.



Cymatophos veatchi veatchi (Olsson,1922)
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23496, 45 mm.



Engoniophos glyptus Gardner,1944
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29854, 18 mm.



Hesperisternia filicata (Conrad,1843)
Quality Aggregates, Florida, USA
Tamiami Formation , Pliocene, Tertiary
Colno 24115, 38 mm.



Nassaria magnifica (Lischke,1871)
Ooyamano, Chiba Prefecture, Japan
Sanuki Formation, Pleistocene, Quaternary
Colno 37585, 47 mm.



Nicema amara Woodring,1964
Sabanita, Colon, Panama
Gatun Formation, Gatun Formation, Tertiary
Colno 23581, 49 mm.



Phos chipolanus Dall,1896
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59278, 26 mm.



Phos lyraecostata (Tenison Woods,1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61935, 19 mm.

BUCCINOIDEA 06



Phos moorei Guppy, 1866
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27440, 31 mm.



Searlesia mitgauri (Koenen, 1867)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 61940, 33 mm.



Strombinophos mimicus Woodring, 1964
Sabanita, Colon, Panama
Gatun Formation, Miocene, Tertiary
Colno 22609, 18 mm.



Trajana pyta Gardner, 1948
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15497, 18 mm.



Cantharus lindae Petuch, 1994
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24245, 35 mm.



Cantharus multangulus (Philippi, 1848)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15455, 48 mm.



Pollia lymani (Smith, M., 1936)
Leisey Shell Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 29136, 31 mm.



Pollia tridentatus (Tuomey+Holmes, 1858)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35492, 40 mm.

BUCCINOIDEA 07



Buccinorbis kitsoni Newton, 1922
Ameke Ibegu, Abia State, Nigeria
Bende-Ameki Formation, Eocene, Tertiary
Colno 61008, 45 mm.



Pseudoliva fissurata Deshayes, 1835
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61134, 21 mm.



Pseudoliva santander Gardner, 1945
Tombigbee River, Alabama, USA
Hatchetigbee Form., Eocene, Tertiary
Colno 35298, 47 mm.



Zemira intermedia Ludbrook, 1978
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34508, 50 mm.



Zemira tessellata (Tate, 1889)
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56679, 8 mm



Cornulina minax armigera (Conrad, 1833)
Brazos River, Texas, USA
Stone City Beds, Eocene, Tertiary
Colno 41270, 55 mm.



Echinofulgur dalli Petuch, 1994
Apac Quarry, Sarasota County, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24150, 105 mm.



Euthriofusus szontaghi Noszky, 1936
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23027, 23 mm.

BUCCINOIDEA 08



Lacinia alveata (Conrad, 1833)
Little Stave Creek, Alabama, USA
Gosport Sand, Eocene, Tertiary
Colno 29737, 110 mm.



Melongena basilica Bellardi, 1872
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23115, 82 mm.



Melongena bispinosa (Philippi, 1844)
Orange Tree, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16437, 40 mm.



Melongena consors (Sowerby, 1849)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15647, 203 mm.



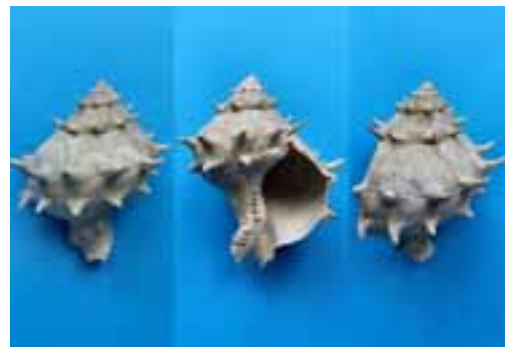
Melongena margaritana Richards, 1943
Amuay Bay, Falcón state, Venezuela
Cabo Blanco Format., Pleistocene, Quaternary
Colno 22212, 76 mm.



Melongena sculpturata Dall, 1890
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 35504, 127 mm.



Sycostoma bulbus Solander in Brander, 1766
Nanteuil, Champagne-Ardenne, France
Lutetian, Eocene, Tertiary
Colno 62637, 64 mm.



Tropochasca metae Petuch, 1994
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 23027, 97 mm.

BUCCINOIDEA 09



Brachysycon amoenum (Conrad, 1875)
Calabash Pit, North Carolina, USA
Waccamaw Formation, Pliocene, Tertiary
Colno 24048, 100 mm.



Busycon carica Gmelin, 1791
Myrtle Beach, South Carolina, USA
Socastee Formation, Pleistocene, Quaternary
Colno 22272, 148 mm.



Busycon pyrum Dillwyn, 1817
Naples Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16303, 75 mm.



Busycon rapum (Heilprin, 1886)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 28984, 195 mm.



Busycotypus coronatus (Conrad, 1841)
Cove Point, Maryland, USA
St. Marys Formation, Miocene, Tertiary
Colno 35569, 98 mm.



Busycotypus libertiense (Mansfield, 1930)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22291, 245 mm.

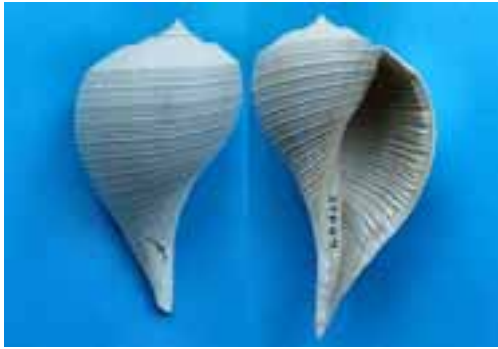


Deussenia microstriatus Solander in Brander, 1766
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27057, 26 mm.



Fulguropsis carolinensis (Tuomey+Holmes, 1856)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35655, 58 mm.

BUCCINOIDEA 10



Fulguropsis floridanum (Olsson+Harbison,1953)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 35644, 80 mm.



Lomirosa cretacea (Wade,1926)
Guntown, Mississippi, USA
Campanian, Cretaceous
Colno 27023, 50 mm.



Protobusycon binodosum Sohl,1964
Union County lake, Mississippi, USA
Ripley Formation, Cretaceous
Colno 38912, 55 mm.



Pyrifusus crassus? Sohl,1964
Guntown, Mississippi, USA
Campanian, Cretaceous
Colno 27020, 30 mm.



Pyruella eismonti Petuch,1991
Harney Pond Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24555, 83 mm



Pyruella seminole Petuch,1982
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 20801, 50 mm.



Sinistrofulgur adversarium (Conrad,1862)
Lee Creek Mine, North Carolina, USA
Pungo River Format., Miocene, Tertiary
Colno 22256, 105 mm.



Sinistrofulgur contrarium (Conrad,1840)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15424, 280 mm.

BUCCINOIDEA 11



Sinistrofulgur hollisteri Petuch, 1994
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24052, 190 mm.



Cyclope migliorinii (Bevilacqua, 1928)
Velerin, Malaga Province, Spain
Piacenzian, Pliocene, Tertiary
Colno 51561, 18 mm.



Ilyanassa peralta (Conrad, 1868)
Cove Point, Maryland, USA
St. Marys Formation, Miocene, Tertiary
Colno 35572, 23 mm.



Nassarius mendicus cooperi Forbes, 1852
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43744, 19 mm.



Nassarius mutabilis (Linnaeus, 1758)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51690, 31 mm.



Nassarius pupaeformis palatina (Strausz, 1954)
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26923, 10 mm.



Nassarius restititianus (Fontannes, 1879)
Korytnica, Holy Cross Mountains, Poland
Badenian, Miocene, Tertiary
Colno 47540, 14 mm.



Nassarius scalaris (Borson, 1825)
Butigliera Alta, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 40508, 27 mm.

BUCCINOIDEA 12



Nassarius tenuistriata (Beyrich,1854)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36088, 11 mm.



Nassarius tumidus crassispiralis Voorthuysen,1944
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36103 22 mm.



Keepingia gossardi (Nyst,1836)
Sultzheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62250, 16 mm.



Bullia calluspira Dockery,1980
Tombigbee River, Alabama, USA
Hatchetigbee Form., Eocene, Tertiary
Colno 35297, 33 mm.



Bulliopsis marylandica (Conrad,1862)
Calvert Cliffs, Maryland, USA
Choptank Formation, Miocene, Tertiary
Colno 40250, 27 mm.



Calophos ectyphus Woodring,1964
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23455, 42 mm.



Calophos plicatilis (Bose,1906)
N.Palmetto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40200, 53 mm



Calophos wilsoni Allmon,1990
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24095, 65 mm.

COLUMBELLOIDEA 1



Columbella sulcata (Sowerby, J., 1827)
Walton on the Naze, Essex, Great Britain
Red Crag Formation, Pleistocene, Quaternary
Colno 54990, 25 mm.



Nitidella cibaoica (Maury, 1917)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27819 20 mm.



Anachis vexillum (Reeve, 1858)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 59012, 15 mm.



Macrozafra mariae Powell, 1940
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35742, 10 mm.



Mitrella venusta (Sowerby, 1849)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27457, 25 mm.



Mitrella hayesorum Duerr, 2008
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59541, 20 mm.



Mitrella ischna mitrodita Gardner, 1937
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29833, 19 mm.



Mitrella nassoides (Grateloup, 1827)
Nemesesti, Banatul province, Romania
Badenian, Miocene, Tertiary
Colno 47646, 25 mm.

COLUMBELLOIDEA 2



Mitrella phyllisae Duerr, 2008
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59542, 8 mm.



Parametaria bella Schemelz, 1995
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59438, 12 mm.



Strombina gibberula (Sowerby, 1832)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 59013, 15 mm.



Strombina lessepsiana Broun+Pilsbry, 1911
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23469, 40 mm.



Strombina nanniebellae Maury, 1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27770, 13 mm.



Strombina pulcherrima (Sowerby, 1832)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 59011, 28 mm.



Cryptochorda stromboides Hermann, 1781
Cinquieux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62624, 43 mm.



Bellifusus curvicostatus (Wade, 1926)
Guntown, Mississippi, USA
Coffee Sand, Campanian, Cretaceous
Colno 27018, 32 mm.

COLUMBELLOIDEA 3



Buccinofusus parilis (Conrad, 1832)
 Chancellors Point, Maryland, USA
 Tortonian, Miocene, Tertiary
 Colno 22248, 94 mm



Clavilithes laevigatus Gmelin, 1791
 Brasles, Picardie, France
 Lutetian, Eocene, Tertiary
 Colno 62542, 43 mm.



Clavilithes noae Lamarck, 1803
 Fleury, Champagne-Ardenne, France
 Lutetian, Eocene, Tertiary
 Colno 51060, 120 mm.



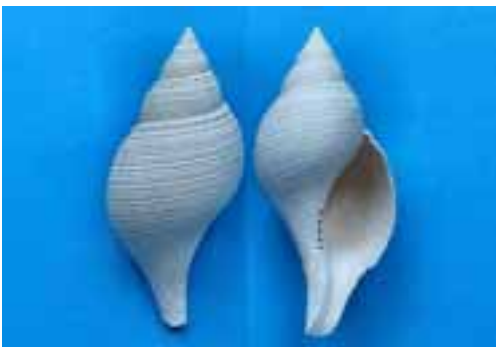
Fasciolaria apicina Dall, 1890
 Starpit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 22958, 90 mm.



Fasciolaria beaufortensis Ward+Blackwelder, 1987
 Lee Creek Mine, North Carolina, USA
 James City Formation, Pleistocene, Quaternary
 Colno 60790, 92 mm.



Fasciolaria kindlei (Maury, 1910)
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 29934, 118 mm.



Fasciolaria okeechobeensis Tucker+Wilson, 1932
 Griffin Pit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 20221, 103 mm.



Fasciolaria tarbelliana Grateloup, 1840
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20432, 147 mm.

COLUMBELLOIDEA 4



Glaphyrina caudata (Quoy+Gaimard,1833)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 57217, 43 mm.



Glaphyrina vulpicolor (Sowerby,1880)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 57218, 27 mm.



Graphidula pergracialis (Wade,1926)
 Coon Creek, Tennessee, USA
 Ripley Formation, Cretaceous
 Colno 27037, 45 mm.



Liochlamys bulbosa (Heilprin,1886)
 La Belle, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 20804, 57 mm.



Ornopsis glenni Wade,1926
 Coon Creek, Tennessee, USA
 Ripley Formation, Cretaceous
 Colno 24166, 43 mm.



Paleopsephaea tenuilirata Sohl,1964
 Guntown, Mississippi, USA
 Coffee Sand, Campanian, Cretaceous
 Colno 27008, 23 mm.



Pleia decipiens Tate,1888
 Batesford Cement Quarry, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 56216, 82 mm.



Pleuroploca australasia (Perry,1811)
 Hampton, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34528, 78 mm.

COLUMBELLOIDEA 5



Pleuroploca cristata Tate, 1888
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56293, 25 mm.



Serratifusus craspedotus (Tate, 1888)
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56622, 58 mm.



Serratifusus foliaceus Tate, 1888
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56403, 58 mm.



Streptochetus segregatus Deshayes, 1865
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62555, 55 mm.



Streptochetus sexcostatus (Beyrich, 1856)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36059, 47 mm



Terebraspira scalarina (Heilprin, 1886)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40137, 157 mm.



Triplofusus duplinensis (Smith, B., 1940)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24022, 350 mm.



Anomalofusus subnodosus Sohl, 1964
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27061, 19 mm.

COLUMBELLOIDEA 6



Austrolithes bulbodes (Tate,1888) juvenile
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 62140, 63 mm.



Fusinus acutiformis Deshayes,1835
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56294, 40 mm.



Fusinus australis (Quoy+Gaimard,1833)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34527, 167 mm.



Fusinus elegantulus Philippi,1843
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 55236, 26 mm.



Fusinus henekeni Sowerby,1849
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27246, 70 mm.



Fusinus subrugosus Orbigny,1852
Miste, Achterhoek, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52335, 59 mm.



Fusinus watermani (Smith,M.,1940)
CSRRinker,Miami, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 40181, 74 mm.



Heilprinia carolinensis (Dall,1892)
Quality Aggregates, Florida, USA Tamiami
Formation, Pliocene, Tertiary
Colno 28978, 98 mm.

COLUMBELLOIDEA 7



Herctorhyncus bicarinata (Wade,1926)
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27039, 33 mm



Hispidofusus senticosus (Tate,1888)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56413, 26 mm.



Propefusus pulleinei (Verco,1895)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34531, 43 mm.



Remera stephensoni Harbison,1945
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27060, 23 mm.



Solutofusus carinatus Pritchard,1898
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56284, 32 mm.



Solutofusus hexagonalis (Tate,1888)
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56649, 23 mm.



Dolicholaturus species
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34493, 42 mm.



Exilifusus attenuatus (Philippi,1846)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36061, 53 mm.

COLUMBELLOIDEA 8



Latirus funiculosus (Lamarck,1803)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61289, 36 mm



Latirus lynchi (Basterot,1825)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20429, 170 mm.



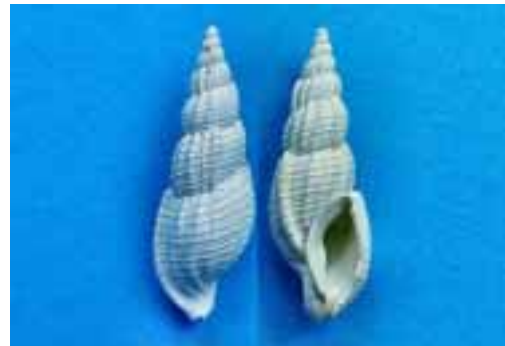
Latirus nosali Lyons,1991
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 48080, 30 mm.



Latirus stephensae Lyons,1991
Naples Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24653, 57 mm.



Bartschia species
Puerto Limon, Province Limon, Costa Rica
Pliocene, Tertiary
Colno 59224, 38 mm.



Colubraria lanceolata acclinica Tucker+Wilson,1933
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16731, 23 mm.



Iredalula striata (Hutton,1873)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35671, 27 mm.



Metula amosi Vanatta, 1913
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58971, 31 mm.

CONOIDEA 01



Acamptogenotia escheri (Mayer, 1861)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36026, 53 mm.



Asthenotoma microcheila Edwards, 1861
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61246, 10 mm.



Bathytoma paracantha (Tenison Woods, 1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62119, 33 mm.



Bathytoma rhomboida McNeil, 1984
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29240, 29 mm.



Bathytoma rhomboidalis (Tenison-Woods, 1880)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35036, 39 mm.



Genota ramosa (Basterot, 1825)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36041, 37 mm.



Genota ramosa tortonica Peyrot, 1931
Akpinar, Central Anatolia, Turkey
Serravallian, Miocene, Tertiary
Colno 42499, 50 mm..



Glyphostoma dentiferum Gabb, 1873
Casa Cantaura, Anzoátegui, Venezuela
Cantaure Formation, Miocene, Tertiary
Colno 51431, 30 mm.



Glyphostoma golfoyaquensis Maury, 1917
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27740, 14 mm.



Micantapex fontinalis (Tate, 1894)
Fishermans-steps, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55969, 35 mm.



Scobinella pluriplicata subpluriplicata McNeil, 1984
Keyes Scrap Mill, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31356, 37 mm.



Suavodrillia declivis (Martens, 1880)
Shimazu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36607, 43 mm.



Tomopleura ludbrookae (Powell, 1944)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34742, 18 mm.



Cryptoconus priscus Solander in Brander, 1766
Brasles, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62203, 31 mm.



Cryptoconus semistriatus (Deshayes, 1834)
Gánti-Szölök, Middle-Transdanubia, Hungary
Castlecliffian, Pleistocene, Quaternary
Colno 62875, 26 mm.



Oenopota kagana (Yokoyama, 1927)
Okuwa, Ishikawa, Japan
Omna Formation, Pleistocene, Quaternary
Colno 37555, 21 mm.



Bactrocythara obtusa (Guppy, 1896)
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30621, 5 mm.



Benthomangelia grippi (Kautsky, 1925)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36137, 12 mm.



Eucithara basilissa (Gardner, 1938)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29981, 12 mm.



Eucithara caimitica Maury, 1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27689, 10 mm.



Mangelia calais (Kautsky, 1925)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36032, 5 mm.



Mangelia species
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54811, 13 mm.



Mangelia species
Murbko, South Australia, Australia
Balcombian, Miocene, Tertiary
Colno 56148, 12 mm.



Vitricythara metria (Dall, 1903)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15707, 10 mm.



Philbertia praeispida (Boettger, 1906)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36135, 8 mm.



Raphitoma antonjanseni Marquet, 1998
Deurganckdok, Beveren, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48355, 16 mm.



Clinura circumfossa (Koenen, 1872)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17613, 20 mm.



Orthosurcula steinvorthi (Koenen, 1872)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36025, 64 mm.



Teretia anceps (Eichwald, 1830)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36133, 7 mm.



Austrocarina unicingulata Ludbrook, 1978
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34705, 7 mm.



Teleochilus gracillimum (Tenison Woods, 1876)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56470, 22 mm.



Clavidrupa anita (Aldrich, 1885)
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29271, 28 mm.



Pleurotomoides luisae (Koenen,1872)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36028, 14 mm.



Pleurotomoides simplex (Sorgenfrei,1958)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36087, 12 mm.



Varicobela smithii (Aldrich,1885)
Hiwanee, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41456, 26 mm.



Myurella hunterae (Olsson,1967)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24158, 95 mm.



Strioterebrum carolinensis (Conrad,1841)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47948, 53 mm.



Strioterebrum vertebralis (Olsson+Harbison,1953)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 29035, 22 mm.



Terebra additoides (Tenison Woods,1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61925, 20 mm.



Terebra cacellensis Costa,1866
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21838, 55 mm.

CONOIDEA 06



Terebra cirrus (Dall, 1895)
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27509, 39 mm.



Terebra dislocata Say, 1822
Starbit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22943, 37 mm.



Terebra inversa inversa Nyst, 1835
Yerseke, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60476, 26 mm.



Contraconus adversarius (Conrad, 1840)
Harney Pond Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24545, 58 mm.



Contraconus osceolai Petuch, 1991
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16033, 95 mm.



Contraconus tryoni (Heilprin, 1886)
Ridgill Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 47859, 165 mm.



Conus aemulator aemulator Brouwn+Pilsbry, 1911
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 26898, 85 mm.



Conus anemone Lamarck, 1810
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34574, 58 mm.



Conus aneuretos Hoerle, 1976
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29569, 18 mm.



Conus betulinoides Lamarck, 1810
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20433, 118 mm.



Conus bonaczyi Gabb, 1873
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27407, 21 mm.



Conus bravoii Speiker, 1922
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 26897, 85 mm.



Conus broteri Da Costa, 1866
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21850, 26 mm.



Conus burekhardti Bose, 1906
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27409, 26 mm.



Conus clavus Linnaeus, 1758
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34582, 49 mm.



Conus conotruncus Gregorio, 1880
Grola quarry, Valdagno, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61828, 48 mm.



Conus consobrinus Sowerby, 1849
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27370, 47 mm.



Conus dujardini Deshayes, 1845
Nemesesti, Banatul province, Romania
Badenian, Miocene, Tertiary
Colno 47635, 31 mm.



Conus furvoides Gabb, 1873
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27381, 58 mm.



Conus gardnerae Hoerle, 1976
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29886, 15 mm.



Conus gaza Johnson+Pilsbry, 1911
Rio Gurabo, Cibao Valley, Dominican Republic
Tortonian, Miocene, Tertiary
Colno 27356, 23 mm.



Conus kitteredgei Maury, 1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27378, 25 mm.



Conus nussatella Linnaeus, 1758
Zahabia, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44051, 51 mm.



Conus planiliratus Sowerby, 1849
Rio Gurabo, Cibao Valley, Dominican Republic
Tortonian, Miocene, Tertiary
Colno 27397, 21 mm.



Conus puschi Michelotti, 1847
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20445, 105 mm.



Conus symmetricus Sowerby, 1849
Rio Gurabo, Cibao Valley, Dominican Republic
Tortonian, Miocene, Tertiary
Colno 27363, 32 mm.



Conus tarbellianus Grateloup, 1835
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20417, 140 mm.



Conus verrucosus Hwass, 1792
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15987, 25 mm.



Conus vindobonensis Hoernes, 1851
Gainfarn, Bassin of Vienna, Austria
Badenian, Miocene, Tertiary
Colno 47620, 38 mm.



Conus waltonensis Aldrich, 1903
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29557, 22 mm.



Conus yaquensis Gabb, 1873
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24120, 52 mm.



Belophos cancellata (Tenison Woods, 1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61691, 32 mm.



Clavatula asperulata ernesti Toulou, 1910
Lale, Konya, Turkey
SerravalLian, Miocene, Tertiary
Colno 42490, 81 mm



Clavatula boreointerrupta Kautsky, 1925
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36052, 48 mm.



Clavatula saubrigiana ? (Grateloup, 1840)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52339, 74 mm.



Liratomina adelaidensis Powell, 1944
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34510, 55 mm.



Perrona vindobonensis (Parsch in Hoernes, 1870)
Gainfarn, Bassin of Vienna, Austria
Badenian, Miocene, Tertiary
Colno 50817, 24 mm.



Remnita biacuminata (Wade, 1926)
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27067, 25 mm.



Turricula labiata (Gabb, 1873)
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27454, 22 mm.



Turricula longiforma (Aldrich, 1885)
Hiwannee, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41450, 65 mm.



Antiguraleus otagoensis Powell, 1942
Castlecliff, Buttress, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57225, 6 mm.



Crassispira bottae (Kiener, 1840)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16511, 15 mm.



Crassispira calligona (Maury, 1910)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29567, 39 mm.



Epidirona hedleyi Iredale, 1931
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34730, 26 mm.



Hindsiclava perspirata (Dall, 1890)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15456, 65 mm.



Inquisitor jeffreysi (Smith, 1875)
Shimazu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36600, 47 mm.



Compsodrillia species
Orange Tree, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16943, 10 mm.



Ancistroyrinx miranda (Guppy, 1866)
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27494, 19 mm.

CONOIDEA 12



Antiplanes contraria (Yokoyama, 1926)
Okuwa, Ishikawa, Japan
Omma Formation, Pleistocene, Quaternary
Colno 37568, 39 mm.



Apiotoma euclenzis Ludbrook, 1978
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34700, 18 mm.



Gemmula vermicularis (Grateloup, 1832)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52337, 43 mm.



Pleuroliria tenagos (Gardner, 1947)
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23481, 56 mm.



Polystira albidoides Gardner, 1937
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59395, 44 mm.



Turris perversa (Philippi, 1846)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61336, 25 mm.



Turris selwyni (Pritch, 1904)
Halfmoon Bay, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55857, 37 mm.



Turris septemlirata (Harris, 1897)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55822, 51 mm.



Aneurystoma laurensi (Grateloup, 1832)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36076, 15 mm.



Aphera islacolonis (Maury, 1917)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27482, 17 mm.



Axelella sphenoidostoma (Gardner, 1937)
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29621, 8 mm.



Bivertia neuvillei Cossmann+Peyrot, 1921
Lale, Konya, Turkey
Serravallian, Miocene, Tertiary
Colno 42554, 30 mm.



Cancellaria aldrichi Gardner, 1937
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59551, 18 mm



Cancellaria anomoia Woodring, 1970
Sabanita, Colon, Panama
Gatun Formation, Miocene, Tertiary
Colno 23168, 22 mm.



Cancellaria bellardi (Michelotti, 1847)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36069, 24 mm



Cancellaria cacellensis Costa, 1904
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21700, 28 mm.

MITROIDEA 02



Cancellaria cancellata praecedens Beyrich, 1856
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36084, 21 mm.



Cancellaria conradiana Dall, 1890
Griffin Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22921, 65 mm.



Cancellaria contorta gelriana Janssen, A.W., 1972
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36068, 25 mm.



Cancellaria corpulentus (Adams, C.B., 1852)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58990, 31 mm.



Cancellaria cossmanni Olsson, 1922
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30560, 26 mm.



Cancellaria diadela Woodring, 1970
Cativá, Colon, Panama
Gatun Formation, Miocene, Tertiary
Colno 23479, 41 mm.



Cancellaria dinota Woodring, 1970
Cativá, Colon, Panama
Gatun Formation, Miocene, Tertiary
Colno 23494, 30 mm.



Cancellaria excellens Beyrich, 1856
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61343, 20 mm.

MITROIDEA 03



Cancellaria guppyi Gabb, 1873
 Rio Mao, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27486, 28 mm.



Cancellaria nodulifera Sowerby, 1825
 Shimazu, Inashiki District, Japan
 Kioroshi Formation, Pleistocene, Quaternary
 Colno 35203, 43 mm.



Cancellaria rotunda Dall, 1892
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24117, 75 mm.



Cancellaria scrobiculata Hoernes, 1856
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21935, 27 mm.



Cancellaria desmotis Gardner, 1937
 Farley Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 59552, 14 mm.



Caveola acuta acuta Wade, 1926
 Coon Creek, Tennessee, USA
 Ripley Formation, Cretaceous
 Colno 27063, 14 mm.



Extractrix hoerlei (Olsson, 1967)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 20183, 15 mm.



Massyla propevenusta (Mansfield, 1930)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 48034, 39 mm.

MITROIDEA 04



Massyla venusta (Tuomey+Holmes,1856)
 Naples Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24667, 24 mm.



Mataxa elegans Wade,1916
 Guntown, Mississippi, USA
 Campanian, Cretaceous
 Colno 27010, 17 mm.



Narona piscatoria (Gmelin,1790)
 Bonares, Andalucia, Spain
 Arenas de Bonares F., Pliocene, Tertiary
 Colno 51693, 37 mm.



Narona varicosa (Brocchi,1814)
 Bonares, Andalucia, Spain
 Arenas de Bonares F., Pliocene, Tertiary
 Colno 51694, 30 mm.



Nevia spirata (Lamarck,1822)
 Hampton, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34550, 42 mm.



Paladmete cancellaria (Conrad,1858)
 Coon Creek, Tennessee, USA
 Ripley Formation, Cretaceous
 Colno 27065, 18 mm.



Perplicaria perplexa Dall,1890
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15518, 28 mm.



Perplicaria perplexa woodringi Petuch,1994
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24036, 16 mm.



Pyruclia bulbulus (Sowerby, 1832)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58995, 21 mm.



Scalptia hystrix (Reeve, 1856)
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44025, 17 mm.



Sveltia lyrata (Brocchi, 1814)
Enzesfeld, Lower Austria, Austria
Badenian, Miocene, Tertiary
Colno 50825, 23 mm.



Sydaphera undulata (Sowerby, 1848)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34555, 44 mm.



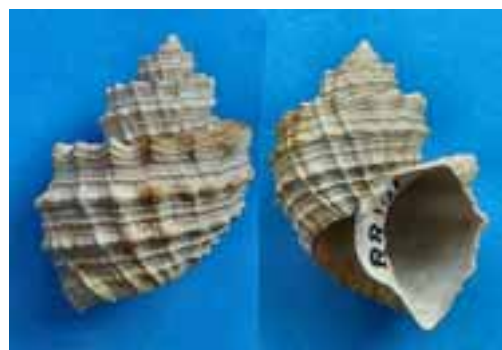
Sydaphera wannonensis Tate, 1889
Muddy Creek, Victoria, Australia
Mc.Donald Bank Form., Pliocene, Tertiary
Colno 35056, 30 mm.



Trigonostoma andaluciensis Landau, 1984
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51686, 35 mm.



Trigonostoma apertum (Beyrich, 1856)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36066, 18 mm.



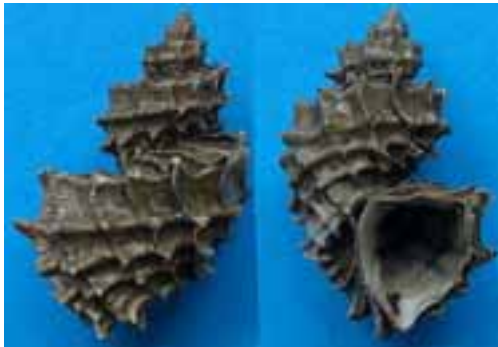
Trigonostoma druidi Olsson+Petit, 1964
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16188, 30 mm.



Trigonostoma extractrix (Boettger, 1906)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36081, 14 mm.



Trigonostoma fenollerae (Landau, 1984)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51685, 32 mm.



Trigonostoma geslini josephinae Janssen, A.W., 1984
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36072, 28 mm.



Trigonostoma mistense Janssen, A.W., 1984
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52319, 22 mm.



Trigonostoma planispirum (Nyst, 1845)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36082, 18 mm.



Trigonostoma pouwi Janssen, A.W., 1984
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36065, 29 mm.



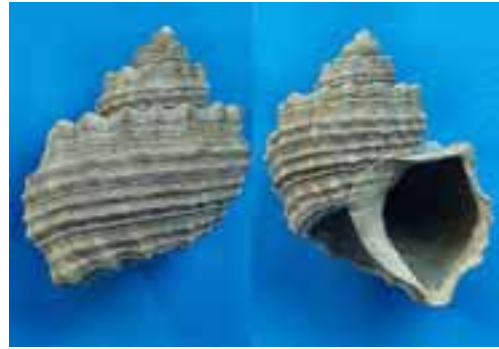
Trigonostoma scalarina (Lamarck, 1822)
Hampton, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34552, 17 mm.



Trigonostoma sericea (Dall, 1892)
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16726, 18 mm.



Uritas planistria Koenen, 1885
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary.
Colno 61503, 16 mm.



Ventrilia carolinensis (Emmons, 1858)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary.
Colno 48006, 43 mm.



Ventrilia senarium (Petit+Hoerle, 1976)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35473, 48 mm.



Ventrilia tenera (Philippi, 1848)
Davis Excavating, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 30121, 49 mm.



Admete wouweri Harmer, 1916
Borsele, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60615, 12 mm.



Bonellitia evulsa (Solander, 1766)
Gau-Weinheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62452, 20 mm.



Zeadmete poliocena Finlay, 1930
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57198, 8 mm.



Plesiotriton volutella Lamarck, 1803
Cauvigny, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62632, 23 mm.

MITROIDEA 08



Tritonoharpa acclinica (Tucker+Wilson,1932)
Forsberg, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47978, 22 mm.



Fusimitra millingtoni Conrad in Wailes,1854
Town Creek, Mississippi, USA
Moody's Branch Form., Eocene, Tertiary
Colno 22133, 45 mm.



Mitra australis Swainson,1821
Madura, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34603, 60 mm.



Mitra conquistata Conrad,1848
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29229, 42 mm.



Mitra coxi (Ludbrook,1958)
Hampton, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34593, 47 mm.



Mitra dariensis Broun+Pilsbry, 1911
Sabanita, Colon, Panama
Gatun Formation, Miocene, Tertiary
Colno 22592, 25 mm.



Mitra fusiformis Brocchi,1814
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21784, 45 mm.



Mitra grateloupi Orbigny,1852
Akpınar, Central Anatolia, Turkey
Serravallian, Miocene, Tertiary
Colno 42529, 44 mm.

MITROIDEA 09



Mitra longa Gabb, 1873
 Rio Mao, Cibao Valley, Dominican Republic
 Cercado Formation, Pliocene, Tertiary
 Colno 27496, 52 mm.



Mitra perturbatrix Maury, 1917
 Rio Gurabo, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27582, 22 mm.



Mitra quemadica Maury, 1917
 Rio Gurabo, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27593, 32 mm.



Mitra scrobiculata Brocchi, 1814
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21707, 35 mm.



Mitra subcrebricosta Szöts, 1953
 Gánti-Szölök, Middle-Transdanubia, Hungary
 Lutetian, Eocene, Tertiary
 Colno 62874, 24 mm.



Mitra substriatula (Orbigny, 1852)
 Miste, Gelderland, Netherlands
 Formation of Aalten, Miocene, Tertiary
 Colno 36079, 51 mm.



Pterygia sinensis (Reeve, 1844)
 Ouvéa Island, Loyalty Islands, New Caledonia
 Pleistocene, Quaternary
 Colno 54955, 28 mm.



Subcancilla phorminx (Berry, 1969)
 Cocalita, Puntarenas, Costa Rica
 Montezuma Formation, Plio/Pleistocene, Tertiary
 Colno 58974, 33 mm.

MITROIDEA 10



Lapparia dumosa Conrad in Wailes, 1854
Town Creek, Mississippi, USA
Moodys Branch Form., Eocene, Tertiary
Colno 22130, 33 mm.



Microvoluta hondana (Yokoyama, 1922)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36616, 9 mm.



Waimatea obscura (Hutton, 1873)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34570, 26 mm.



Austromitra lincolnensis (Angas, 1878)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34784, 15 mm.



Conomitra apalachee Gardner, 1937
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29635, 23 mm.



Thala species
Rio Mao, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27745, 10 mm.



Vexillum gliberti Anderson, 1964
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36078, 31 mm.



Vexillum plicatulum (Brocchi, 1814)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36077, 24 mm.

TURBINELLOIDEA 1



Turbinella allionii Michelotti, 1846
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20488, 43 mm.



Turbinella angulata Lightfoot, 1786
 Griffin Pit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 20486, 163 mm.



Turbinella chipolana Dall, 1890
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 30031, 220 mm.



Turbinella crassicostata Michelotti, 1847
 Fabrica, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20485, 56 mm.



Turbinella dodonaius Gardner, 1947
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 29939, 157 mm



Turbinella hoerlei Vokes, E., 1966
 N. New River Canal, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 22470, 156 mm.



Turbinella praelaevigata Vokes, E., 1966
 Tulane Un. no 1379, Cibao Valley, Domin. Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 30095, 125 mm.



Turbinella regina Heilprin, 1886
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 40141, 235 mm.

TURBINELLOIDEA 2



Turbinella validus falconensis Hodson, 1931
 Cativá, Colón, Panama
 Gatun Formation, Miocene, Tertiary
 Colno 23564, 275 mm.



Turbinella wendyae Petuch, 1994
 Miami Canal, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 16005, 260 mm.



Hystrivasum griffini Petuch, 1994
 Griffin Pit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 24122, 92 mm.



Hystrivasum horridum (Heilprin, 1886)
 De Soto, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 29091, 125 mm.



Hystrivasum jacksonense (Vokes, E., 1966)
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24094, 125 mm.



Hystrivasum lindae Petuch, 1994
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24129, 115 mm.



Hystrivasum locklini (Olsson+Harbison, 1953)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 48047, 114 mm.



Hystrivasum olssoni Vokes, 1966
 Bird Road Dig, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 22269, 88 mm.

TURBINELLOIDEA 3



Napulus fragilis Sohl, 1964
Guntown, Mississippi, USA
Coffee Sand, Campanian, Cretaceous
Colno 27006, 20 mm.



Pyropsis spinosus (Wade, 1926)
Guntown, Mississippi, USA
Coffee Sand, Campanian, Cretaceous
Colno 55273, 132 mm.



Tudivasum rusticula (Basterot, 1825)
Leognan Coquillat, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 52175, 90 mm.



Vasum floridanum McGinty, 1940
Davis Excavating, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16157, 145 mm.



Vasum haitense (Sowerby, 1850)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27236, 47 mm.



Vasum intermedium (Grateloup, 1840)
Gaas, Aquitaine, France
Stampian, Oligocene, Tertiary
Colno 18963, 65 mm.



Vasum muricatum (Born, 1778)
Punta Arenas, Isla Margarita, Venezuela
Plio/Pleistocene, Tertiary
Colno 58556, 87 mm.



Vasum turbinellus Linnaeus, 1758
El Dahar, Hurgada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44036, 80 mm.

VOLUTOIDEA 01



Athleta anticingulata (McCoy, 1866)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61682, 48 mm.



Athleta athleta (Solander in Brander, 1766)
Chavençon, Picardie, France
Bartonian, Eocene, Tertiary
Colno 9510, 60 mm.



Athleta barrandii Deshayes, 1865
Baron, Picardie, France
Bartonian, Bartonian, Tertiary
Colno 9344, 50 mm.



Athleta listerarum Renard, 1994
Damery, Champagne-Ardenne, France
Lutetian, Eocene, Tertiary
Colno 9532, 85 mm.



Athleta lyra Lamarck, 1802
Fontenay en Vexin, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 9543, 65 mm.



Athleta petrosa Conrad, 1833
Ridge Creek, Texas, USA
Claiborne Group, Eocene, Tertiary
Colno 24281, 20 mm.



Athleta strombiformis Deshayes, 1835
Ducy, Picardie, France
Bartonian, Eocene, Tertiary
Colno 9517, 117 mm.



Athleta symmetricus Conrad, 1854
Town Creek, Mississippi, USA
Moodys Branch Form., Eocene, Tertiary
Colno 222131, 47 mm.

VOLUTOIDEA 02.



Caricella demissa Conrad, 1848
Big Black River, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31330, 38 mm.



Caricella reticulata (Aldrich, 1885)
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29237, 28 mm.



Baryspira mucronata Sowerby, I, 1830
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35399, 35 mm.



Lindoliva griffini Petuch, 1988
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 35460, 76 mm.



Oliva brevispira Gabb, 1873
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27342, 29 mm.



Oliva dufresnei Basterot, 1825
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17582, 8 mm.



Oliva gatunensis Toulou, 1909
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23493, 32 mm.



Oliva polpasta Duclos, 1833
Montezuma, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58695, 41 mm.

VOLUTOIDEA 03



Alocospira papillata (Tate,1889)
Muddy Creek, Victoria, Australia
Mc.Donald Bank Form., Pliocene, Tertiary
Colno 35032, 28 mm.



Amalda arenaria var. (Aldrich,1885)
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62691, 10 mm.



Amalda tirangiensis (Marwick,1926)
Palliser Bay, Wellington Region, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 35387, 47 mm.



Ancilla chipolana Dall,1900
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59519, 24 mm.



Ancilla glandiformis (Lamarck,1810)
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54750, 63 mm.



Ancilla semilaevis (Tenison Woods,1877)
Bird Rock, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 56002, 16 mm.



Ancilla subcanalifera (Orbigny,1852)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36104, 25 mm.



Gracilispira monilifera (Reeve,1846)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34543, 33 mm.

VOLUTOIDEA 04



Olivella biplicata (Sowerby, 1825)
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43728, 24 mm.



Olivella cotinados Gardner, 1937
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29858, 17 mm.



Olivella dasa Gardner, 1937
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29658, 6 mm.



Olivella mutica Say, 1822
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15508, 29 mm.



Toroliva gladeensis (Mansfield, 1930)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40242, 23 mm.



Strepsidura polycolpata Cossmann, 1923
Gan, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17353, 30 mm.



Strepsidura spitata Newton, 1922
Ameke Ibegu, Abia State, Nigeria
Bende-Ameki Formation, Eocene, Tertiary
Colno 61016, 28 mm.



Gibberula miliaria (Linnaeus, 1758)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51179, 4 mm.

VOLUTOIDEA 05



Bullata popenoei (Mansfield, 1930)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 48055, 63 mm.



Glabella phaseolus Brongniart, 1833
Albanello quarry, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61758, 27 mm.



Marginella aurisleporis (Brocchi, 1814)
Orciano Pisano, Toscana, Italy
Tabianian, Pliocene, Tertiary
Colno 47051, 58 mm.



Marginella belloides Olsson+Harbison, 1953
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16754, 8 mm.



Marginella caloosana Olsson+Harbison, 1953
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15953, 10 mm.



Marginella euancycla Gardner, 1937
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59556, 14 mm.



Marginella onchidella Dall, 1890
Ortona Locks, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 51192, 19 mm.



Marginella polyspira Olsson+Harbison, 1953
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15955, 12 mm.

VOLUTOIDEA 06



Marginella stephaniae Da Costa, 1867
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21819, 40 mm.



Prunum donovani Olsson, 1967
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 40179, 32 mm.



Prunum precursor (Dall, 1890)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15950, 14 mm.



Prunum limatulum (Contad, 1834)
 Lee Creek Mine, North Carolina, USA
 James City Formation, Pleistocene, Quaternary
 Colno 60866, 16 mm.



Serrata euancycla (Gardner, 1937)
 Chipola River, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 29639, 13 mm.



Volvarina acusvesta (Olsson+Harbison, 1953)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15951, 9 mm.



Voluta alfaroi Dall, 1912
 Puerto Limon, Province Limon, Costa Rica
 Pliocene, Tertiary
 Colno 59193, 58 mm.



Voluta diperdita Goldfuss molds
 Geulheim, Zuid Limburg, Netherlands
 Maastrichtian, Cretaceous
 Colno 42273, 195 mm.

VOLUTOIDEA 07



Voluta musica Linnaeus, 1758
Las Calderas Canyon, Cubagua Island, Venezuela
Tortuga Formation, Holocene, Quaternary
Colno 51399, 68 mm.



Voluta virescens Lightfoot, 1786
Los Coralis, Tulane 1240, Puerto Limon, Costa Rica
Moin Formation, Pleistocene, Quaternary
Colno 55080, 47 mm.



Lyria acuticostulata Darragh, 1988
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56385, 19 mm.



Lyria gracilicostata Ludbrook, 1978
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34586, 50 mm.



Lyria harpularia Tate, 1888
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 47054, 42 mm.



Lyria isabellae (Maury, 1910)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 35502, 28 mm.



Lyria limata Hoerle+Vokes, 1978
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29926, 40 mm.



Lyria mississippiensis (Conrad, 1848)
Keyes Scrap Mill, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31366, 31 mm.

VOLUTOIDEA 08



Lyria nestor Casey, 1903
 Hiwannee, Mississippi, USA
 Red Bluff Formation, Oligocene, Tertiary
 Colno 41385, 36 mm.



Lyria picturata Grateloup, 1833
 Peloua, Aquitaine, France
 Burdigalian, Miocene, Tertiary
 Colno 11423, 45 mm.



Lyria pulchella (Sowerby, 1849)
 Rio Mao, Cibao Valley, Dominican Republic
 Cercado Formation, Pliocene, Tertiary
 Colno 27155, 31 mm.



Ericusa ancilloides (Tate, 1889)
 Fossil Bluff, Tasmania, Australia
 Longfordian, Miocene, Tertiary
 Colno 61679, 49 mm.



Ericusa atkinsoni (Pritchard, 1896)
 Fossil Bluff, Tasmania, Australia
 Longfordian, Miocene, Tertiary
 Colno 61853, 133 mm



Ericusa sowerbyi pellita (Johnston, 1880)
 Fossil Bluff, Tasmania, Australia
 Longfordian, Miocene, Tertiary
 Colno 62099, 102 mm.



Ericusa subtilis (Ludbrook, 1978)
 Madura, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34489, 90 mm.



Falsilyria anoptos Hoerle, 1978
 Farley Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 22101, 60 mm.

VOLUTOIDEA 09



Falsilyria pycnopleura Gardner, 1937
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59359, 67 mm.



Cymbiola irvinae Smith, 1909
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34468, 147 mm.



Alcithoe arabica Gmelin, 1791
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 47092, 105 mm.



Alcithoe fusus (Quoy+Gaimard, 1833)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57158, 53 mm.



Alcithoe neglectoides Darragh, 1988
Bird Rock, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55994, 31 mm.



Alcithoe sarissa (Tate, 1889)
Muddy Creek, Victoria, Australia
Muddy Creek Formation, Miocene, Tertiary
Colno 35080, 74 mm.



Livonia hannafori (McCoy, 1866)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 47059, 123 mm.



Livonia voluminosa (Pritchard, 1896)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61851, 172 mm.

VOLUTOIDEA 10



Mauithoe insignis (Marwick,1926)
 Glenafric, N.Canterbury , New Zealand
 Waiauan, Miocene, Tertiary
 Colno 57889, 57 mm.



Spinomelon parki (Suter,1907)
 Oamaru, Waitaki District, New Zealand
 Otaian ?, Miocene, Tertiary
 Colno 57768, 102 mm.



Waihaoia allani Marwick,1926
 McCullough's Br., S.Canterbury, New Zealand
 Bortonian, Eocene, Tertiary
 Colno 58153, 50 mm.



Amoria exoptanda (Reeve,1849)
 Hampton, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34480, 81 mm.



Amoria undulata undulata (Lamarck,1804)
 Flinders Island, Tasmania, Australia
 Menama Formation, Pliocene, Tertiary
 Colno 35010, 103 mm.



Ampulla priamus (Meuschen,1778)
 Bonares, Andalucia, Spain
 Arenas de Bonares F., Pliocene, Tertiary
 Colno 51696, 30 mm.



Nannamoria lundeliusae Ludbrook,1978 var.
 Hampton, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34472, 57 mm.



Nannamoria trionyma Darragh,1988
 Fossil Beach, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 56396, 50 mm.

VOLUTOIDEA 11



Nannamoria weldii (Tenison Woods, 1876)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61894, 39 mm.



Notopeplum mccoysi mccoysi (Tenison Woods, 1876)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 56788, 39 mm.



Notopeplum politum Tate, 1889
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55878, 34 mm.



Notovoluta cathedralis Tate, 1888
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55853, 46 mm.



Notovoluta kreuslerae occulta Darragh, 1988
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34486, 77 mm.



Notovoluta pseudolirata (Tate, 1888)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55859, 70 mm.



Notovoluta saginata (Finlay, 1930)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62116, 46 mm.



Notovoluta verconis medicata Darragh, 1988
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34482, 30 mm.

VOLUTOIDEA 12



Pleioptygma heilprini Cossmann, 1899
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16189, 68 mm.



Pleioptygma lineolata (Heilprin, 1886)
Griffin Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24474, 85 mm.



Scaphella bolli (Koch, 1862)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 59893, 78 mm.



Scaphella bolli (Koch, 1862) var.
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 59894, 73 mm.



Scaphella brennmortoni Olsson+Petit, 1964
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22239, 153 mm.



Scaphella floridana Heilprin, 1886
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40168, 114 mm.



Scaphella griffini Petuch, 1994
CSR Rinker, Miami, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 40205, 91 mm.



Scaphella lamberti (Sowerby, J., 1816)
Yerseke, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 39014, 99 mm.

VOLUTOIDEA 13



Scaphella tarbelliana (Grateloup, 1840)
Carbonnieux, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 40041, 89 mm.



Scaphella virginiana Dall, 1890
Chancellors Point, Maryland, USA
St. Marys Formation, Miocene, Tertiary
Colno 48197, 90 mm.



Volutifusus obtusus (Emmons, 1858)
Kissimmee River, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24066, 97 mm.



Volutifusus typus Conrad, 1866
Lee Creek Mine, North Carolina, USA
Pungo River Format., Miocene, Tertiary
Colno 35559, 157 mm.



Eosephaea angusta Deshayes, 1835
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62626, 54 mm.



Eosephaea muricina Lamarck, 1802
Nanteuil, Champagne-Ardenne, France
Lutetian, Eocene, Tertiary
Colno 62638, 81 mm.



Volutocorbis ficulina (Lamarck, 1811)
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11444, 71 mm.



Volutocorbis ficulina rarispina (Lamarck, 1811)
Kozlubucak, Konya, Turkey
Tortonian, Miocene, Tertiary
Colno 42549, 45 mm.

VOLUTOIDEA 14



Volutocorbis haueri Hoernes, 1856
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54754, 51 mm.



Volutocorbis permulticostata Telegdi-Roth, 1914
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23019, 23 mm.



Volutocorbis suturalis (Nyst, 1836)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61290, 49 mm.



Longiconcha species
Guntown, Mississippi, USA
Coffee Sand., Campanian, Cretaceous
Colno 26985, 67 mm.



Longiconch tennesseensis (Wade, 1926)
Guntown, Mississippi, USA
Coffee Sand., Campanian, Cretaceous.
Colno 26989, 148 mm.



Volutomorpha valida Sohl, 1964
Union County Lake, Mississippi, USA
Ripley Formation, Cretaceous
Colno 39018, 185 mm.

MURICOIDEA 01



Acantholabia floridana Olsson+Harbison,1953
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22490, 29 mm.



Aspella engonata (Dall,1892)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16588, 28 mm.



Bolinus brandaris torularius (Lamarck,1822)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51673, 40 mm.



Calotrophon ostrearum, (Conrad,1846)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24137, 34 mm.



Chicoreus aquitanicus (Grateloup,1833)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52329, 90 mm.



Chicoreus brevifrons (Lamarck,1822)
Griffin Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22914, 52 mm.



Chicoreus cornurectus (Guppy,1876)
Rio Mao Valverde, Cibao Valley, Domin. Republic
Cercado Formation, Pliocene, Tertiary
Colno 27659, 33 mm.



Chicoreus eumekes Vokes,1989
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27655, 41 mm.



Chicoreus floridanus Vokes, E., 1965
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 40189, 46 mm.



Chicoreus juliagardnerae Vokes, E., 1970
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 29705, 45 mm.



Chicoreus lophoesus (Tate, 1888)
 Bird Rock, Victoria, Australia
 Janjukian, Oligocene, Tertiary
 Colno 55880, 29 mm.



Chicoreus lundeliusae Ludbrook, 1978
 Madura, Roe Plains, Western Australia, Australia
 Roe Calcarene, Pliocene, Tertiary
 Colno 34454, 115 mm.



Chicoreus aquitanicus (Grateloup, 1833)
 De Soto, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 35487, 48 mm



Chicoreus yaquensis (Maury, 1917)
 Arroyo Zalaya, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 30084, 35 mm.



Dermomurex olssoni Vokes, E., 1989
 Rio Gurabo, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27632, 15 mm.



Haustellum messorius (Sowerby G.B.II, 1841)
 Rio Cana, Cibao Valley, Dominican Republic
 Cercado Formation, Pliocene, Tertiary
 Colno 27642, 29 mm.

MURICOIDEA 03



Hexaplex fulvescens (Sowerby,1834)
Quality Aggregates, Manatee County, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 29000, 49 mm.



Hexaplex hertweckorum (Petuch,1988)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15640, 47 mm.



Hexaplex trunculus conglobatus (Michelotti,1841)
Pietrafitta, Siena, Toscane, Italy
Astian, Pliocene, Tertiary
Colno 40602, 95 mm.



Hexaplex veatchi (Maury,1910)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 26083, 27 mm.



Homalocantha anatomica (Perry,1811)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43959, 48 mm.



Murex brandaris Linnaeus,1758
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20419, 115 mm.



Murex brevifrons Lamarck,1822
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16166, 50 mm.



Murex darraghi Ludbrook,1978
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34460, 47 mm.

MURICOIDEA 04



Murex elenensis Dall, 1909
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58984, 44 mm.



Murex friedbergi Cossmann+Peyrot, 1924
Korytnica, Holy Cross Mountains, Poland
Badenian, Miocene, Tertiary
Colno 47529, 39 mm.



Murex inornatus inornatus Beyrich, 1854
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52333, 59 mm.



Murex latilabris Bellardi+Michelotti
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26942, 21 mm.



Murex ornatus Grateloup, 1833
Welschberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62496, 16 mm.



Murex polynematicus Broun+Pilsbry, 1911
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23465, 55 mm.



Murex sedgwicki Michelotti, 1847
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20421, 115 mm.



Murex spinicosta Bronn, 1831
Saubrigues, Aquitaine, France
Tortonian, Miocene, Tertiary
Colno 51041, 100 mm.

MURICOIDEA 05



Panamurex susankhanae Petuch, 1991
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24116, 33 mm.



Paziella gatunensis Broun+Pilsbry, 1911
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23457, 36 mm.



Phyllonotus pomum (Gmelin, 1791)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 28973, 106 mm.



Poirieria dominicensis Gabb, 1873
Arroyo Zalaya, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 30086, 21 mm.



Poirieria lychnia (Gardner, 1947)
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 26086, 30 mm.



Poirieria zelandica (Quoy+Gaimard, 1833)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35820, 47 mm.



Pterochelus otwayensis (Harris, 1897)
Sunny Side Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56957, 18 mm.



Pterynotus angustifolius (Kautsky, 1925)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17656, 47 mm.



Pterynotus mirificus Vokes, 1989
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 30087, 23 mm.



Pterynotus parvifolius (Kautsky, 1925)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36123, 27 mm.



Pterynotus perlongus (Bellardi, 1872)
Saint-Martin-d'Oney, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 19131, 53 mm.



Pterynotus sandbergeri (Koenen, 1889)
Rybalsky Quarry, Dnipropetrovsk, Ukraine
Priabonian, Eocene, Tertiary
Colno 61286, 48 mm.



Pterynotus swainsoni (Michelotti, 1841)
Cacela, Algarve, Portugal.
Tortonian, Miocene, Tertiary
Colno 21712, 50 mm.



Pterynotus tripterus (Born, 1778)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 61650, 63 mm.



Pterynotus velificus (Tate, 1888)
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56221, 33 mm.



Purpurellus helenae Landau, 1984
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51724, 40 mm.

MURICOIDEA 07



Siratus amblyceras Tate, 1888
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56412, 30 mm.



Vokesimurex bellegladeensis (Vokes, E., 1963)
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16379, 48 mm.



Favartia cellulosa (Conrad, 1846)
Leisey Shell Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 29140, 22 mm.



Murexiella faceta (Vokes, E., 1963)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35472, 37 mm.



Murexiella hidalgoi (Crosse, 1869)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27621, 17 mm.



Murexsul octogonus (Quoy+Gaimard, 1833)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35668, 50 mm.



Murexsul prionatus (Tate, 1888)
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56618, 28 mm.



Muricopsis cedillata ? (Cossman+Peyrot, 1923)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52349, 23 mm.



Muricopsis octogonatus (Quoy+Gaimard,1833)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 35825, 62 mm.



Subpterynotus textilis (Gabb,1873)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15458, 55 mm.



Vitularia linguabovis (Basterot,1825)
 Saint-Avit (Fontaine de Basta), Aquitaine, France
 Aquitanian, Miocene, Tertiary
 Colno 13187, 65 mm.



Ceratostoma virginiae (Maury,1910)
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 29965, 21 mm.



Eupleura brevispira Mansfield,1930
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24132, 19 mm.



Eupleura intermedia Dall,1890
 Okeechobee, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 40151, 35 mm.



Eupleura thompsoni Woodring,1959
 Sabanita, Colon, Panama
 Gatun Formation, Miocene, Tertiary
 Colno 23580, 40 mm.



Hadriania mioincrassata Sacco,1904
 Lale, Konya, Turkey
 Serravallian, Miocene, Tertiary
 Colno 42530, 35 mm.

MURICOIDEA 09



Nucella incrassata (Sowerby, 1825)
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 42333, 51 mm.



Ocinebra erinaceus (Linnaeus, 1758)
Domburg, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60689, 33 mm.



Ocinebrina crassilabiata (Hilber, 1879)
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26956, 27 mm.



Ocinebrina inbricata (Brocchi, 1814)
Lale, Konya, Turkey
Chipola Formation, Miocene, Tertiary
Colno 42546, 33 mm.



Ocinebrina scalaris (Brocchi, 1814)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51730, 32 mm.



Ocinebrina sublavata (Basterot, 1825)
Gainfarn, Bassin of Vienna, Austria
Badenian, Miocene, Tertiary
Colno 47644, 21 mm.



Pterorytis conradi (Dall, 1890)
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60804, 56 mm.



Pterorytis fluviana (Dall, 1903)
Okeechobee, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 40147, 41 mm.



Spinucella tetragona tetragona (Sowerby, 1825)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 44390, 45 mm.



Trossulasalpinx schmidti Petuch, 1991
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24108, 28 mm.



Trossulasalpinx subsidus (Dall, 1890)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40171, 28 mm.



Urosalpinx dalli (Kobelt, 1878)
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23464, 42 mm.



Vokesinotus griffini Petuch, 1991
Capeletti Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 20204, 33 mm.



Laevityphis sawkinsi (Mansfield, 1925)
Casa Cantaura, Anzoátegui, Venezuela
Cantaure Formation, Miocene, Tertiary
Colno 51415, 22 mm.



Lyrotyphis cuniculosus (Nyst, 1836)
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 55232, 22 mm..



Lyrotyphis sejunctus (Semper, 1861)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36111, 10 mm.

MURICOIDEA 11



Siphonochelus curvirostratus (Conrad,1848)
 Vicksburg, Mississippi, USA
 Byram Formation, Oligocene, Tertiary
 Colno 29351, 22 mm.



Siphonochelus linguiferus (Dall,1890)
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 29670, 15 mm.



Talityphis floridanus (Dall,1890)
 De Soto, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 29065, 24 mm.



Typhinellus species
 Fossil Beach, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 56415, 22 mm.



Typhis maccoyi (Tenison Woods,1876)
 Fossil Beach, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 56402, 24 mm.



Typhis mississippiensis Gertman,1969
 Shubuta, Mississippi, USA
 Red Bluff Formation, Oligocene, Tertiary
 Colno 29274, 17 mm.



Typhis obesus Gabb,1873
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 35500, 23 mm.



Typhis pungens (Solander in Brander,1766)
 Miste, Gelderland, Netherlands
 Formation of Aalten, Miocene, Tertiary
 Colno 36122, 27 mm.



Trophon selwyni (Pritchard, 1896)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61930, 26 mm.



Xymene bonneti bonneti (Cossmann, 1903)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35669, 25 mm.



Concholepas deshayesi Rambur, 1862
Manciet, Midi-Pyrénées, France
Langhian, Miocene, Tertiary
Colno 11329, 41 mm.



Cymia cheloma Woodring, 1964
Sabanita, Colon, Panama
Gatun Formation, Miocene, Tertiary
Colno 23591, 87 mm.



Drupa lobata (Blainville, 1832)
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43961, 23 mm.



Lepsiella flindersi (Adams+Angas, 1863)
Hampton, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34495, 48 mm.



Rapana venosa venosa (Valenciennes, 1846)
Oomori, Honshu, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 35207, 145 mm.



Thais floridana (Conrad, 1837)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24396, 41 mm.

MURICOIDEA 13



Pterotyphis vokesae Gertman, 1969
Ten Mile Creek, Florida, USA
Chipola Formation Miocene, Tertiary
Colno 29964, 16 mm.



Pterotyphis zelandicus (Hutton, 1873)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35673, 31 mm.



Ecpchora gardnerae germonae Ward+Gilinsky, 1988
Little Cove Point, Maryland, USA
St. Marys Formation, Miocene, Tertiary
Colno 35588, 73 mm.



Ecpchora quadricostata (Say, 1824)
Berkeley Quarry South Carolina, USA
Raysor Marl, Pliocene, Tertiary
Colno 35539, 122 mm.



Ecpchora wardi Petuch, 1988
Matoaka Cottages, Maryland, USA
Calvert Formation, Miocene, Tertiary
Colno 48123, 36 mm.



Latecpchora violetae (Petuch, 1988)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24230, 45 mm.



Morea marylandica Gardner, 1916
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27056, 27 mm.



Morea rotunda Sohl, 1964
Guntown, Mississippi, USA
Coffee Sand, Campanian, Cretaceous
Colno 27013, 27 mm.



Schizobasis immersa Wade, 1926
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27035, 26 mm.



Columbarium acanthostephes Tate, 1888
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56405, 58 mm.



Coluzea spiralis (Adams, A, 1856)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57181, 56 mm.



Serratofusus crapedotus Tate, 1888
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35034, 41 mm.



Coralliophila miocaenica (Guppy, 1874)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27653, 33 mm.



Lowenstamia liratus (Wade, 1926)
Union County Lake, Mississippi, USA
Ripley Formation, Cretaceous
Colno 38911, 38 mm.



Magilus streami Petuch, 1994
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35565, 24 mm.



Austroharpa kendricki Ludbrook, 1978
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34605, 40 mm.

MURICOIDEA 15



Eocithara hilarianis Gregorio
Albanello quarry, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61732, 49 mm.



Harpa isthmica Vokes, E., 1985
Coatzacoalcos, Veracruz, Mexico
Aqueguexquite Form., Pliocene, Tertiary
Colno 30083, 43 mm.



Morum chipolanum Gardner, 1947
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29556, 36 mm.



Morum cithara (Brocchi, 1814)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 50840, 40 mm.



Morum dominicense (Sowerby, 1849)
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27164, 34 mm.



Morum oniscus (Linnaeus, 1758)
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 55078, 18 mm.



Oniscidia harpula (Conrad, 1848)
Vicksburg, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 29319, 30 mm.



Sargana stantoni (Weller, 1907)
Union County Lake, Mississippi, USA
Ripley Formation, Cretaceous
Colno 39019, 33 mm.



Cerodrillia simpsoni recticostata Olsson+Harb., 1953
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 47958, 15 mm.



Clathrodrillia gibbosa (Born, 1778)
Starpit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22972, 33 mm.



Clavus pustulatus (Brocchi, 1814)
Enzesfeld, Lower Austria, Austria
Badenian, Miocene, Tertiary
Colno 50813, 28 mm.



Cymatosyrinx lunata (Lea, 1843)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15471, 72 mm.



Drillia acucinata Dall, 1890
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35657, 20 mm./



Sediliopsis distans (Conrad, 1862)
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27032, 59 mm.



Splendrillia selenkae (Koenen, 1872)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36042, 13 mm.



Stenodrillia obeliscus (Desmoulins, 1842)
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45114, 16 mm.

NATICOIDEA 1



Globisium drewi (Murdoch, 1899)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 35752 25 mm.



Lunatia heros (Say, 1822)
 Calabash Pit, North Carolina, USA
 Waccamaw Formation, Pliocene, Tertiary
 Colno 60910, 80 mm.



Magnatica planispira (Suter, 1917)
 Haugh's Quarry, S. Canterbury, New Zealand
 Waitakian, Miocene, Tertiary
 Colno 57480, 56 mm.



Natica castrenoides (Woodring, 1928)
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24114, 57 mm.



Natica millepunctata Lamarck, 1822
 Várpalota, Közép-Dunántúl, Hungary
 Badenian/Burdigalian, Miocene, Tertiary
 Colno 26958, 18 mm.



Natica neglecta (Mayer, 1858)
 Miste, Gelderland, Netherlands
 Formation of Aalten, Miocene, Tertiary
 Colno 36014, 18 mm.



Natica plicatella (Conrad, 1863)
 Miami Canal, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 16040, 67 mm.



Natica sulcata Born, 1778
 Rio Cana, Cibao Valley, Dominican Republic
 Cercado Formation, Pliocene, Tertiary
 Colno 27191, 25 mm.

NATICOIDEA 2



Natica tigrina DeFrance in Grat., 1825
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21917, 36 mm.



Natica vixumbilicata Tenison Woods, 1877
 Fossil Bluff, Tasmania, Australia
 Longfordian, Miocene, Tertiary
 Colno 47825, 13 mm.



Naticarius plicatella (Conrad, 1863)
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 48063, 45 mm.



Stigmaulax elenae Recluz, 1844
 Esterillos, Puntarenas, Costa Rica
 Punta Judas Format., Miocene, Tertiary
 Colno 59159, 29 mm.



Tanea sagittata (Menke, 1843)
 Madura, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34648, 14 mm



Tanea zelandica (Quoy+Gaimard, 1832)
 Kai Iwi Beach, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 57306, 21 mm.



Tectonatica miopusilla (Kautsky, 1925)
 Heist op den Berg, Antwerp, Belgium
 Burdigalian, Miocene, Tertiary
 Colno 17566 7 mm.



Eunaticina linnaeana (Recluz, 1843)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 35732, 9 mm.

NATICOIDEA 3



Eunaticina papilla (Gmelin,1791)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36542, 17 mm.



Sigaretotrema striatella (Grateloup,1828)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36006, 9 mm.



Sigaretotrema umbilicatum Quoy+Gaimard,1832
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34647, 22 mm.



Sinum aquense (Recluz,1851)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36009, 21 mm.



Sinum chipolanum (Dall,1892)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59368, 25 mm.



Sinum striatum turonensis Recluz in Deshayes,1843
Cacela, Algarve, Portugal
Serravallian, Miocene, Tertiary
Colno 21753, 32 mm.



Sinum zonale (Quoy+Gaimard,1833)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 58300, 25 mm.



Amauropsina arenularia Vasseur,1882
Bézu-le-Guéry, Picardie, France
Bartonian, Eocene, Tertiary
Colno 23286, 11 mm.

NATICOIDEA 4



Cepatia cepacea Lamarck, 1804
Grola quarry, Valdagno, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61826, 40 mm.



Dallitesta coensis (Dall, 1903)
Griffin Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24484, 43 mm.



Euspira catena (Costa, 1778)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21916, 27 mm.



Euspira helicina (Brocchi, 1814)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51754, 26 mm.



Euspira rectilabrum (Conrad, 1858)
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27026, 27 mm.



Euspira tuomeyi (Whitfield, 1894)
Cove Point, Maryland, USA
St. Marys Formation, Miocene, Tertiary
Colno 35595, 67 mm.



Falsilunatia superperforata Dell, 1956
Glenstrae Farm, Marlborough Region, New Zealand
Nukumaruan, Pliocene, Tertiary
Colno 57435, 21 mm.



Friginatica polita (Tenison Woods, 1876)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62101, 14 mm.

NATICOIDEA 5



Gyrodes major Wade, 1926
 Union County Lake, Mississippi, USA
 Ripley Formation, Cretaceous
 Colno 54939, 65 mm.



Mammilla simiae (Deshayes, 1838)
 Semata, Chiba, Japan
 Semata Formation, Pleistocene, Quaternary
 Colno 36568, 21 mm.



Neverita floridana (Tucker+Wilson, 1933)
 Miami Canal, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 24072, 61 mm.



Neverita josephina olla (Serres, 1829)
 Eger, Heves, Hungary
 Egerian, Oligocene, Tertiary
 Colno 23059, 28 mm.



Payraudeautia stoppanii Deshayes, 1864
 Cinqueux, Picardie, France
 Cuisian, Eocene, Tertiary
 Colno 62688, 7 mm.



Polinices conicus (Lamarck, 1822)
 Hampton, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34651, 50 mm.



Polinices huttoni Ihering, 1907
 White Rock River, South Canterbury, New Zealand
 Altonian, Miocene, Tertiary
 Colno 57738, 53 mm.



Polinices lewisii (Gould, 1847)
 Capitola, California, USA
 Purisma Formation, Pliocene, Tertiary
 Colno 38916, 150 mm.

NATICOIDEA 6



Sigatica conradii (Dall,1892)
 Keyes Scrap Mill, Mississippi, USA
 Byram Formation, Oligocene, Tertiary
 Colno 31372, 9 mm



Uberella pukeuriensis (Marwick,1924)
 Gards Road, S.Canterbury, New Zealand
 Waitakian, Miocene, Tertiary
 Colno 57466, 29 mm.



Amaurellina hybrida Lamarck,1804
 Baron, Picardie, France
 Bartonian, Eocene, Tertiary
 Colno 9513, 120 mm.



Amaurellina scalariformis Deshayes,1825
 Fontenay en Vexin, Haute-Normandie, France
 Lutetian, Eocene, Tertiary
 Colno 9537, 145 mm. Repaired with plaster



Amaurellina stephensoni (Wade,1926)
 Coon Creek, Tennessee, USA
 Ripley Formation, Cretaceous
 Colno 27041, 21 mm.



Amauroopsis guppyi (Gabb,1873)
 Rio Cana, Cibao Valley, Dominican Republic.
 Cercado Formation, Pliocene, Tertiary
 Colno 27199, 40 mm.



Ampullina bifurcilineata Cossmann,1923
 Gan, Aquitaine, France
 Cuisian/Lutetian, Eocene, Tertiary
 Colno 17389, 33 mm.



Ampullina crassatina Lamarck,1802
 Gaas, Aquitaine, France
 Stampian, Oligocene, Tertiary
 Colno 18946, 145 mm.

NATICOIDEA 7



Ampullina perusta (Defrance in Brongniart, 1823)
Gánt, Middle-Transdanubië, Hungary
Lutetian, Eocene, Tertiary
Colno 26895, 90 mm.



Ampullospira eburnoides (Grateloup, 1840)
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11050, 30 mm.



Cernina sphaerica Deshayes, 1832
Villiers-Saint-Frédéric, Ile-de-France, France
Lutetian, Eocene, Tertiary
Colno 14871, 32 mm.



Crommium angustatum Grateloup, 1827
Gaas, Aquitaine, France
Stampian, Oligocene, Tertiary
Colno 18947, 88 mm.



Deshayesia alpina (Orbigny, 1850)
Gánti-Szölök, Middle-Transdanubië, Hungary
Lutetian, Eocene, Tertiary
Colno 62872, 17 mm.



Globularia fischeri (Dall, 1892)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29919, 50 mm.



Globularia rothi Cossmann, 1925
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23057, 45 mm.



Pachycrommium dodonum Gardner, 1947
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59365, 47 mm.

CYPRAEOIDEA 1



Archicypraea prisca Deshayes 1865
 Cauroy, Champagne-Ardenne, France
 Thanetian, Paleocene, Tertiary
 Colno 61131, 30 mm.



Archicypraea superba (Gregorio,1880)
 Albanello quarry, Nogarole, Veneto, Italy
 Lutetian, Eocene, Tertiary
 Colno 61745, 28 mm.



Barycypraea caputviperae (Martin,1899)
 Citalahab, West Java, Indonesia
 Tortonian, Miocene, Tertiary
 Colno 61713, 46 mm.



Bernaya angustoma Deshayes,1835
 Chaumont en Vexin, Picardie, France
 Lutetian, Eocene, Tertiary
 Colno 62534, 40 mm.



Bernaya media Deshayes,1835
 Vendrest, Isle-de-France, France
 Bartonian, Eocene, Tertiary
 Colno 50857, 45 mm



Cypraeorbis ventripotens (Cossmann,1903)
 Town Creek, Mississippi, USA
 Moodys Branch Form., Eocene, Tertiary
 Colno 24262, 20 mm.



Siphocypraea alligator Petuch,1994
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24001, 73 mm.



Siphocypraea carolinensis (Conrad,1841)
 Quality Aggregates, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 24217, 68 mm.

CYPRAEOIDEA 2



Siphocypraea floridana (Mansfield,1931)
Apac Quarry, Florida, USA
Tamiame Formation, Pliocene, Tertiary
Colno 22240, 95 mm.



Siphocypraea problematica Heilprin,1886
De Soto, Florida, USA
Tamiame Formation, Pliocene, Tertiary
Colno 29062, 70 mm.



Siphocypraea transitoria Olsson+Petit,1964
Kissimmee River, Florida, USA
Tamiame Formation, Pliocene, Tertiary
Colno 24214, 52 mm.



Zoila campestris Darragh,2011
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34445, 48 mm.



Zoila dolichorhyncha (Darragh,2011)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62232, 93 mm.



Zoila gigas McCoy,1867
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 47067 236 mm. dome repaired with plaster



Zoila platypya McCoy,1876
Victoria, Australia
Middle Miocene, Miocene, Tertiary
Colno 35410, 97 mm.



Zoila wilcoxi (Dall,1890)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59356, 46 mm.

CYPRAEOIDEA 3



Cypraea amygdalum Brocchi, 1814
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21912, 46 mm.



Cypraea bartonensis Edwards, 1854
 Saint-Aignan-Grandlieu, Pays de la Loire, France
 Lutetian, Eocene, Tertiary
 Colno 17910, 30 mm.



Cypraea cailliaudi Vasseur, 1881
 Saint-Aignan-Grandlieu, Pays de la Loire, France
 Lutetian, Eocene, Tertiary
 Colno 17882, 41 mm.



Cypraea cicercula Linnaeus, 1758
 Curandura Well, Western Australia, Australia
 Upper Pleistocene, Pleistocene, Tertiary
 Colno 62092, 21 mm.



Cypraea elegans DeFrance, 1826
 Le Bois-Gouet, Pays de la Loire, France
 Lutetian, Eocene, Tertiary
 Colno 18388, 14 mm.



Cypraea henekeni Sowerby, 1849
 Cativá, Colón, Panama
 Gatun Formation, Miocene, Tertiary
 Colno 23468, 53 mm.



Cypraea leporina Lamarck, 1810
 Moulin de Gamachot, Aquitaine, France
 Aquitanian, Miocene, Tertiary
 Colno 18859, 60 mm.



Cypraea maxima grandis Monterosato, 1897
 Manciet, Midi-Pyrénées, France
 Langhian, Miocene, Tertiary
 Colno 13159, 73 mm.

CYPRAEOIDEA 4



Proadusta gregorioi Schilder, 1929
Balinka, Bakony, Hungary
Lutetian, Eocene, Tertiary
Colno 62803, 21 mm



Cypraea subovum Orbigny, 1852
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13247, 49 mm.



Cypraea polysarca Cossmann, 1903
Roquefort Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 13223, 55 mm.



Cypraea porcellus Brocchi, 1814
Buttiglieria Alta, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 35251, 53 mm.



Cypraea subglobosa Grateloup, 1840
Moulin de Gamachot, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 18860, 45 mm.



Cypraea subovum Orbigny, 1852
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13247, 49 mm.



Cypraeovula labrosa (Bonelli, 1826)
Pietrafitta, Toscana, Italy
Astian, Pliocene, Tertiary
Colno 36699, 20 mm.



Subepona moloni (Bayan, 1870)
Albanello quarry, Nogarole, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61746, 23 mm.

CYPRAEOIDEA 5



Zonarina extusdentata (Sacco,1894)
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54744, 27 mm.



Notoluponia brachypyga (Tate,1890)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56370, 20 mm.



Notoluponia murraviana (Tate,1890)
River Murray Cliffs South Australia, Australia
Morgan Limestone, Miocene, Tertiary
Colno 55858, 13 mm.



Notoluponia pyrulata (Tate,1890)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56374, 26 mm.



Rhynchocypraea species
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56582, 80 mm.



Umbilia angustior (Pritchard,1896)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62521, 93 mm.



Umbilia eximia Sowerby,G.B. I,1845
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 39701, 88 mm.



Umbilia eximia Sowerby,G.B. I,1845
Broken Cliffs, South Australia, Australia
Balcombian, Miocene, Tertiary
Colno 47714, 98 mm. Gypsified

CYPRAEOIDEA 6



Umbilia leptorhyncha (McCoy,1877)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 34999, 62 mm.



Apiocypraea subphysis septemtrion. (Schilder,1929)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36021, 37 mm.



Austrocypraea contusa (McCoy,1877)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55860, 32 mm.



Austrocypraea scalena (Tate,1890)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35060, 34 mm.



Conocypraea moloni Bayan,1870
Chaumont en Vexin, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62565, 21 mm.



Eocypraea sellei Raincourt,1874
Chaumont en Vexin, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62564, 16 mm.



Eocypraea subexcisa Michelotti,1847
Gau-Weinheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62439, 15 mm.



Proadusta moloni (Bayan,1870)
Gan, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17344, 42 mm.

CYPRAEOIDEA 7



Cypraedia aplisiopsis (Gregorio, 1880)
Albanello quarry, Nogarole, Veneto, Italy.
Lutetian, Eocene, Tertiary
Colno 61751, 21 mm.



Cypraedia macrodon Dolin+Pacaud, 2009
Albanello quarry, Nogarole, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61750, 22 mm.



Oxycypraea delphinoides (Cossmann, 1886)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61159, 27 mm.



Gisortia coombii (Dixon in Sow., 1850)
Gan, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17375, 225 mm. Our logo shell!



Gisortia tuberculosa Duclos, 1825
Barisis-aux-Bois, Picardie, France
Cuisian, Eocene, Tertiary
Colno 55798, 97 mm.



Vicetia ogormani Cossmann, 1923
Gan, Aquitaine, France
Cuisian/Lutetian, Eocene, Tertiary
Colno 17376, 156 mm.



Cyphoma alleneae (Cate, 1973)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16605, 20 mm.



Cyphoma gibbosulum (Linnaeus, 1758)
La Isabella, Paraguana Peninsula, Venezuela
La Isabella Format., Holocene, Quaternary
Colno 51458, 25 mm.

CYPRAEOIDEA 8



Cypraeotrivia neumayeri Hilber, 1868
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54781, 21 mm.



Cyproglobino parvulorbis (Gregorio, 1880)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61293, 15 mm.



Jenneria duclosiana (Basterot, 1825)
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 12689, 15 mm.



Jenneria gabbiana (Guppy, 1876)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27279, 19 mm.



Jenneria lindae Petuch, 1994
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16634, 29 mm.



Lupunovula quaggiothei Dolin+Pacaud, 2009
Albanello quarry, Nogarole, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61740, 51 mm.



Neosimnia passerinalis (Lamarck, 1810)
Lugagnano, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39447, 21 mm.



Neosimnia spelta (Linnaeus, 1758)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21717, 18 mm.

CYPRAEOIDEA 9



Ovula wisewoodae Maury, 1917
Rio Gurabo, Cibao Valley, Dominican Republic
Badenian, Miocene, Tertiary
Colno 27548, 17 mm.



Pelasimnia exigua (Tate,)
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56612, 12 mm.



Projenneria pregnans (Gregorio, 1880)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61298, 23 mm.



Pseudocypraea healeyi (Aldrich, 1923)
Hiwannee, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41381, 18 mm.



Pseudocypraea lineata (Conrad, 1848)
Keyes Scrap Mill, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31377, 11 mm.



Simnia semen DeFrance, 1825
Borsodbóta, Borsod-Abaúj-Zemplén, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 30862, 11 mm.



Simnia semen ? DeFrance, 1825
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36101, 8 mm.



Simnialena donovanae Petuch, 1991
Calabash Pit, North Carolina, USA
Waccamaw Formation, Pliocene, Tertiary
Colno 35695, 13 mm.

LAMELLARIOIDEA



Niveria permagna (Johnson,1910)
 Leisey Shell Pit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 29128, 21 mm.



Nototrivia avellanoides (McCoy,1867)
 Muddy Creek, Victoria, Australia
 Muddy Creek Format., Miocene, Tertiary
 Colno 35052, 34 mm.



Pusula miamiensis Petuch,1991
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 48007, 16 mm.



Trivia pediculus (Linnaeus,1758)
 Rio Mao, Valverde, Cibao Valley, Domin. Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27282, 16 mm.



Trivia recluzi Cailliaud in Cossmann,1896
 Campbon, Pays de la Loire, France
 Lutetian, Eocene, Tertiary
 Colno 18732, 17 mm.



Trivia sphaericulata (Lamarck,1810)
 Rio Torsero, Liguria, Italy
 Tabianian, Pliocene, Tertiary
 Colno 39115, 11 mm.



Trivia westfalica Schilder,1929
 Miste, Gelderland, Netherlands
 Formation of Aalten, Miocene, Tertiary
 Colno 36007, 8 mm.



Willungia tasmanica (Powell,1938)
 Fossil Bluff, Tasmania, Australia
 Longfordian, Miocene, Tertiary
 Colno 61706, 21 mm.

CALYPTRAEOIDEA 1



Calyptraea calyptraeformis (Lamarck, 1822)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34433, 26 mm.



Calyptraea chinensis (Linnaeus, 1758)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17645, 23 mm.



Calyptraea crassiuscula Grateloup, 1827
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21752, 55 mm.



Calyptraea depressa Lamarck, 1822
Couquillère, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11073, 36 mm.



Clypeola tenuis (Gray, 1867)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35756, 19 mm.



Crucibulum chipolanum Dall, 1892
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59500 26 mm.



Crucibulum constrictum conjugue Gardner, 1947
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29631, 18 mm.



Crucibulum costata (Say, 1820)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40190, 56 mm.

CALYPTRAEOIDEA 2



Crucibulum multilineatum (Conrad,1841)
Davis Excavating, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24340, 37 mm.



Crucibulum pileolum (Lea,1843)
Chancellors Point, Maryland, USA
Tortonian, Miocene, Tertiary
Colno 22172, 28 mm.



Crucibulum scutellatum (Wood,1828)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58876, 50 mm.



Crucibulum spinosum (Sowerby,1824)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16052, 28 mm.



Crucibulum springvaleense Rutsch,1942
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23476, 25 mm.



Crucibulum waltonense Gardner,1947
Shoal River, Florida, USA
Shoal River Formation, Miocene, Tertiary
Colno 29629, 19 mm.



Sigapatella superstes Fleming,1958
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35750, 25 mm.



Thylacus cretaceus Conrad,1860
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27050, 6 mm.

CALYPTRAEOIDEA 3



Crepidula aculeata (Gmelin, 1791)
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60834, 25 mm.



Crepidula coei Berry, 1950
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43745, 22 mm.



Crepidula crepidula (Linnaeus, 1766)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35994, 26 mm.



Crepidula densata Conrad, 1871
Cove Point, Maryland, USA
St. Marys Formation, Miocene, Quaternary
Colno 24324, 14 mm.



Crepidula plana Say, 1822
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16075, 29 mm.



Crepidula radiata (Hutton, 1873)
Putangirua Stream, Wairarapa Region, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 57880, 75 mm.



Crepidula spinosa Conrad, 1843
Okeechobee, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 40196, 16 mm.



Crepidula youngi (Powell, 1940)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35729, 18 mm.

CALYPTRAEOIDEA 4



Capulus americanus Conrad, 1854
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29282, 20 mm.



Capulus elegantulus Speyer, 1864
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35992, 4 mm.



Capulus planus Dockery, 1984
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41368, 26 mm.



Capulus singularis Deshayes, 1861
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61267, 5 mm.



Capulus ungaricus (Linnaeus, 1766)
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 42334, 45 mm.



Capulus unguis (Sowerby, J., 1816)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 44389, 46 mm.



Iuncula occidentalis Ludbrook, 1978
Hampton, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34612, 5 mm.



Trichotropis inornatus (Hutton, 1873)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35684, 14 mm.

CALYPTRAEOIDEA 5



Trichotropis unicarinata (Broderip+Sowerby,1829)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36588, 20 mm.



Zelippistes benhami (Suter,1902)
Wanganui, Manawatu-Wanganui Reg., New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57209, 10 mm.



Cheilea cicatricosa (Reeve,1858)
Hurgada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43865, 35 mm.



Hipponix conicus (Schumacher,1817)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34438, 33 mm.



Hipponix patelloides flexicostatus Klushnikov,1958
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61253, 7 mm.



Hipponix pilosus (Deshayes,1832)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58894, 11 mm.



Hipponix sublamellosus Deshayes,1861
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18462, 16 mm.



Leptonotis opercularis Deshayes,1824
Fontenay en Vexin, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 43328, 21 mm.

TONNOIDEA 01



Malea camura Guppy, 1866
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27172, 60 mm.



Malea denticulatum (Deshayes in Hoernes, 1852)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20447, 65 mm.



Malea elliptica Pilsbry+Johnson, 1917
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 26905, 77 mm.



Malea orbiculata (Brocchi, 1814)
Asti, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 44526, 56 mm.



Tonna luteostoma (Kuster, 1857)
Turumaki, Inba, Chiba, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 35199, 130 mm.



Bufonaria margaritula (Deshayes, 1832)
Bojong, Java, Indonesia
Pleistocene, Quaternary
Colno 61723, 40 mm.



Bufonaria marginata (Gmelin, 1791)
Velerin, Malaga, Spain
Piacenzian, Pliocene, Tertiary
Colno 51532, 38 mm.



Bursa amphitrites Maury, 1917
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27179, 48 mm.



Bursa caelata amphitrites Maury, 1917
Cocalita, Cibao Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58985, 39 mm.



Cassis coarctata Sowerby, 1825
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58856, 47 mm.



Cassis elegans Grateloup, 1833
Gaas, Aquitaine, France
Stampian, Oligocene, Tertiary
Colno 18948, 84 mm.



Cassis fimbriata (Quoy+Gaimard, 1833)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34412, 93 mm.



Cassis floridensis ketteri Parodiz+Tripp, 1992
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 48054, 105 mm.



Cassis postmamillaris Sacco, 1890
Gainfarn, Lower Austria, Austria
Badenian, Miocene, Tertiary
Colno 50766, 55 mm.



Cassis schnireli Petuch, 1994
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22268, 57 mm.



Cassis delta Parker, 1948
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29941, 142 mm.

TONNOIDEA 03



Cassis spinella Clench, 1944
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24010, 68 mm.



Cassis sulcifera Sowerby, 1849
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27154, 63 mm.



Cypraeacassis cypraeiformis (Borson, 1820)
Lale, Konya, Turkey
Serravallian, Miocene, Tertiary
Colno 14319, 43 mm.



Cypraeacassis subcrumena Orbigny, 1852
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 12792, 32 mm.



Galeodea bicatenata (Sowerby, J., 1817)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48290, 84 mm.



Galeodea cingulifera Hoernes+Aulinger, 1884
Lapugio-de-Sus, Deva, Romania
Badenian, Miocene, Tertiary
Colno 54779, 27 mm.



Galeodea depressa Petuch, 1994
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23061, 30 mm.



Galeodea echinophora (Linnaeus, 1758)
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20468, 47 mm.



Galeodea gallica Wrigley, 1934
 Saint-Gobain, Picardie, France
 Cuisian, Eocene, Tertiary
 Colno 14829, 42 mm.



Galeodea gradata Tate, 1888
 Fossil Beach, Victoria, Australia
 Balcombian, Miocene, Tertiary
 Colno 47056, 32 mm.



Galeodea nodosa (Solander in Brander 1766)
 Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
 Priabonian, Eocene, Tertiary
 Colno 61302, 36 mm.



Galeodea shubutensis (Aldrich, 1885)
 Hiwannee, Mississippi, USA
 Red Bluff Formation, Oligocene, Tertiary
 Colno 41493, 30 mm.



Hypocassis textilis (Tate, 1822)
 Fossil Bluff, Tasmania, Australia
 Longfordian, Miocene, Tertiary
 Colno 62241, 38 mm.



Mambrinia brevidentata (Aldrich, 1885)
 Hiwannee, Mississippi, USA
 Red Bluff Formation, Oligocene, Tertiary
 Colno 41447, 40 mm.



Sconsia hodgii (Conrad, 1841)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 35556, 58 mm.



Sconsia laevigata (Sowerby, 1849)
 Rio Mao, Cibao Valley, Dominican Republic
 Cercado Formation, Pliocene, Tertiary
 Colno 27138, 34 mm.



Sconsia prelintea McNeil, 1984
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29239, 29 mm.



Antephalium transenna Tate, 1889
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55850, 30 mm.



Casmaria ponderosa unicolor (Dautzenberg, 1926)
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 43896, 50 mm.



Phalium cicatricosum (Gmelin, 1791)
CSR Rinker, Miami, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 40136, 59 mm.



Phalium miolaevigata Sacco, 1890
Akpinar, Central Anatolia, Turkey
Serravallian, Miocene, Tertiary
Colno 42532, 49 mm.



Phalium moniliferum (Guppy, 1866)
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27131, 27 mm.



Phalium saburon (Bruguiere, 1792)
Tigliole, Piedmont Region, Italy
Astian, Pliocene, Tertiary
Colno 44525, 62 mm.



Semicassis adcocki (Sowerby, 1896)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34451, 45 mm.



Semicassis aldrichi (Dall,1892)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29929, 40 mm.



Semicassis bicoronata bicoronata (Beyrich,1854)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52331 43 mm.



Semicassis caelatura (Conrad,1848)
Keyes Scrap Mill, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 41568, 20 mm.



Semicassis grateloupi cestacensis Cossm.+Peyr.,1923
Lagus, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13259, 57 mm.



Semicassis jauberti Cossmann+Peyrot,1923
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13254, 140 mm Repaired



Semicassis miolaevigata (Sacco,1890)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52330, 47 mm.



Semicassis pyrum pyrum (Lamarck,1822)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57102, 65 mm.



Semicassis rondeleti (Basterot,1825)
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13244, 52 mm.



Biplex perca Perry, 1811
Ooyamano, Kantō Region, Japan
Sanuki Formation, Pleistocene, Quaternary
Colno 37581, 48 mm



Biplex pulchra (Sowerby, 1836)
Sangiran, Central Java, Indonesia
Pliocene, Tertiary
Colno 61722, 25 mm.



Gyryneum bituberculare (Lamarck, 1816)
Nyalindung, West Java, Indonesia
Miocene, Tertiary
Colno 61718, 25 mm.



Gyryneum inaequicrenatus Cossmann+Peyrot, 1923
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13241, 50 mm.



Gyryneum pelouatensis Cossmann+Peyrot, 1923
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13242, 57 mm.



Ranella bantamensis (Martin, 1899)
Bojong, Central Java, Indonesia
Pleistocene, Quaternary
Colno 61725, 28 mm.



Ranella minuteornata Cossmann+Peyrot, 1923
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21855, 19 mm.



Austrotriton antecedens Ludbrook, 1978
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34507, 45 mm.



Austrotriton balcombensis (Chapple, 1941)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35055, 35 mm.



Austrotriton radialis Tate, 1888
Muddy Creek, Victoria, Australia
Muddy Creek Format., Miocene, Tertiary
Colno 35077, 44 mm.



Austrotriton woodsii Tate, 1878
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35078, 33 mm.



Cabestana tabulata (Menke, 1843)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57099, 65 mm.



Charonia aquitanicum Cossmann+Peyrot, 1923
Roquefort, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 11345, 53 mm.



Charonia expansus Sowerby
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61324, 36 mm.



Charonia flandrica (Koninck, 1837)
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 38988, 50 mm.



Charonia multigranus (Koenen)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61420, 14 mm.



Charonia subcorrugatum (Orbigny, 1852)
Lagus, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11352, 56 mm.



Charonia tarbelliana (Grateloup, 1840)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36107, 37 mm.



Cymatiella prattii (Tenison-Woods, 1879)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35031, 29 mm.



Cymatium amictoideum Keen, 1971
Montezuma, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58771, 37 mm.



Cymatium doliaroides (Cossmann+Peyrot, 1923)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52321, 37 mm.



Cymatium floridanum Mansfield, 1930
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24100, 105 mm.



Cymatium praefemorale Maury, 1917
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27144, 77 mm.



Gutturium gracile gurabonicum Maury, 1917
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27182, 25 mm.

TONNOIDEA 10



Hilda sacyi Cossmann+Peyrot,1923
Saint-Martin-d'Oney, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 30714, 20 mm.



Monocirsus ciofali (Gregorio,1880)
Albanello quarry, Nogarole, Veneto, Italy
Lutetian, Eocene Eocene, Tertiary
Colno 61763, 25 mm.



Ranularia abbreviata (Bellardi,1872)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21862, 26 mm.



Ranularia multicostata Cossmann&Peyrot,1923
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 62064, 26 mm.



Sassia abboti (Tenison Woods,1876)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61699, 58 mm.



Sassia carlea Dockery,1993
Guntown, Mississippi, USA
Coffee Sand, Campanian, Cretaceous
Colno 27001, 11 mm.



Sassia conradiana (Aldrich,1885)
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29230, 50 mm.



Sassia marchandi Cossmann,1905
Saint-Aignan-Grandlieu, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18057, 14 mm.



Sassia minimum (Tenison Woods, 1877)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61933, 9 mm.



Sassia multigranifera Deshayes, 1835
Chaussy, Ile-de-France, France
Lutetian, Eocene Eocene, Tertiary
Colno 7938, 22 mm.



Sassia tortirostris Tate, 1888
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 38848, 60 mm.



Septa antillarum cercadicum Maury, 1917
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27178, 46 mm.



Distorsio decussata gatunensis Toula, 1909
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23478, 42 mm.



Distorsio simillimus Sowerby, 1849
Rio Mao, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27176, 47 mm.



Distorsio tortuosa (Borson, 1821)
Peloua, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11348, 57 mm.



Eocymatium pyraster Lamarck, 1803
Villiers-Saint-Frédéric, Ile-de-France, France
Lutetian, Eocene, Tertiary
Colno 7947, 37 mm.

FICOIDEA



Ficus altispira (Pritchard, 1896)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61685, 34 mm.



Ficus caloosahatchiensis (Smith, B., 1907)
Okeechobee, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 40157, 103 mm.



Ficus cingulata (Bronn, 1853)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20451, 91 mm.



Ficus conditus (Brongniart, 1823)
Daşabağı, Konya, Turkey
Serravallian, Miocene, Tertiary
Colno 42538, 48 mm.



Ficus eopapyratia Gardner, 1947
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29933, 42 mm.



Ficus floridensis Ollson+Harbison, 1953
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 30047, 65 mm.



Ficus holmesi Conrad, 1867
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47942, 74 mm.



Ficus sallomacensis (Mayer, 1867)
Salles, Aquitaine, France
Serravalian, Miocene, Tertiary
Colno 13179, 82 mm.

ARCHITECTONICOIDEA 1



Architectonica balcombensis (Pritchard,1896)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35029, 20 mm.



Architectonica bendeica Eames,1957
Ameke Ibegu, Abia State, Nigeria
Bende-Ameki Formation, Eocene, Tertiary
Colno 61014, 14 mm.



Architectonica bistrata Deshayes,1832
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62556, 24 mm.



Architectonica bisulcatum Koenen,1885
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61550, 5 mm.



Architectonica nobilis nobilis (Roding,1798)
Sabanita, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23587, 28 mm.



Architectonica obtusa (Bronn,1831)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35995, 12 mm.



Architectonica plicatula Deshayes,1832
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61163, 10 mm.



Architectonica vicksburgensis (Dall,1892)
Keys Scrap Mill, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31374, 12 mm.



Heliacus subvariegatus (Orbigny,1852)
San Nicomede, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39905, 11 mm.



Philippia radiata (Roding,1798)
Semata, Chiba, Japan
Bende-Ameki Formation, Eocene, Tertiary
Colno 36569, 15 mm.



Pseudomalaxis corniculum (Boettger,1901)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 62073, 4 mm.



Gegania acutissima (Dall,1892)
Alum Bluff, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 55008, 9 mm.



Gegania cancellata (Grateloup,1828)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35973, 17 mm.



Lemniscolittorina yonkersi (Bronn,1831)
Union County Lake, Mississippi, USA
Ripley Formation, Cretaceous
Colno 27054, 23 mm.



Mathilda clathratula (Bosquet,1869)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 35948, 11 mm.



Omalaxis disjuncta (Lamarck,1804)
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 23972, 8 mm.

PYRAMIDELLOIDEA 1



Eulimella acicula (Philippi, 1836)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36125, 4 mm.



Longchaeus galesi Bartsch, 1955
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15967, 16 mm.



Otopleura robinsoni Ludbrook, 1978
Madura, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34779, 12 mm.



Pyramidella plicosa (Bronn, 1838)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36145, 8 mm.



Chrysallida pygmaea (Grateloup, 1838)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36127, 3 mm.



Agatha georgiana (Hutton, 1885)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57202, 6 mm.



Odostomia deshayesi Briart+Cornet, 1870
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61494, 7 mm.



Odostomia tortilis Deshayes, 1861
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62677, 5 mm.

PYRAMIDELLOIDEA 2



Syrnola nitida Melleville, 1843
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62681, 8 mm.



Syrnola polygyrata Deshayes, 1861
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62680, 7 mm.



Turbonilla densecostata (Philippi, 1844)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34716, 4 mm.



Turbonilla dominicensis Gabb, 1873
Rio Mao, Valverde, Cibao Valley, Domin. Republic
Cercado Formation, Pliocene, Tertiary
Colno 27752, 4 mm.



Turbonilla pseudoterebralis (Sacco, 1892)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36147, 8 mm.



Actaeopyramis eximia (Lischke, 1872)
Maebayashi, Chiba, Japan
Kamiiwasgashi Form., Pleistocene, Quaternary
Colno 36545, 19 mm.



Leucotina gigantea (Dunker, 1877)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36550, 18 mm.



Raulinia acuta (Sandberger, 1859)
Kreuzberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62338, 11 mm.

VALVATOIDEA , ACTEONOIDEA 1



Valvata joncheryacensis Wenz,1923
Chalons sur Vesle, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 41286, 2 mm.



Valvata leopoldi Boissy,1848
Chalons sur Vesle, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 41285, 3 mm.



Valvata species
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15804, 4 mm.



Velainella columnaris Vasseur,1881
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18489, 35 mm.

ACTEONOIDEA



Acteon hamadryados Maury,1910
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59492, 17 mm.



Acteon philippii (Koch,1868)
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45087, 5 mm.



Acteon punctostriatus (Adams,C.B.,1840)
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23428, 4 mm.



Acteon semistriatus (Ferussac,1822)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17634, 6 mm.

ACTEONOIDEA 2



Acteon subinflatus Orbigny, 1850
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62165, 9 mm.



Acteon tenuiplicatus Briart+Cornet, 1870
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61497, 5 mm.



Acteon tornatilis Linnaeus, 1758)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51659, 27 mm.



Acteon columnaris Vasseur, 1881
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26931, 5 mm.



Crenilabium terebelloides (Philippi, 1843)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36153, 10 mm



Pitharella arenaria Melleville, 1843
Muizon, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 52636, 43 mm.



Solidula simulata Solander, 1766
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61316, 21 mm.



Solidula sulcata (Gmelin, 1791)
Zwartkops, Northern Cape, RSA
Pleistocene, Quaternary
Colno 54950, 22 mm.

ACTEONOIDEA 3



Tenuiacteon ambiguus (Hutton, 1885)
Cape Kidnappers, Hawke Bay, New Zealand
Opoitian, Pliocene, Tertiary
Colno 57371, 18 mm.



Tornatellaea parsiensis Deshayes, 1843
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61525, 11 mm.



Hemiauricula conovuliformis Deshayes, 1824
Cauvigny, Picardie, France
Lutetian, Eocene, Tertiary
Colno 45014, 12 mm.



Ringicula actaeoniformis Netschaev, 1897
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61526, 13 mm.



Ringicula auriculata (Menard, 1811)
Korytnica, Holy Cross Mountains, Poland
Badenian, Miocene, Tertiary
Colno 47554, 8 mm.



Ringicula buccinea (Brocchi, 1814)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21729, 6 mm.



Ringicula dominicana Maury, 1917
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27518, 1 mm.



Ringicula lactea (Johnston, 1880)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62122, 5 mm.

ACTEONOIDEA 4



Ringicula pulchella Morlet, 1880
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27070, 9 mm.



Ringicula ringens Lamarck, 1804
Dudar, Bakony, Hungary
Lutetian, Eocene, Tertiary
Colno 24775, 2 mm.



Ringicula striata Philippi, 1843
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45073, 3 mm.



Ringicula ventricosa (Sowerby, 1824)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36164, 9 mm.



Acteocina bullata costarica Olsson, 1922
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30585, 6 mm.



Acteocina canaliculata Say, 1822
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27495, 4 mm.



Acteocina candei (Orbigny, 1842)
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16689, 3 mm.



Acteocina incisula (Dall, 1896)
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29642, 7 mm.

ACTEONOIDEA 5



Acteocina pachyptycha Cossmann, 1897
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34702, 9 mm.



Acteocina rusa Gardner, 1937
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29588, 2 mm.



Cylichna anthera Gardner, 1937
Walton County, Tulane site 69A, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 55074, 4 mm.



Cylichna bruguierii Desh.&Milne-Edwards, 1836
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62172, 16 mm.



Cylichna convoluta Scacchi, 1836
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 62887, 10 mm.



Cylichna eratula Cossmann, 1883
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 35044, 9 mm.



Cylichna subperforata (Koch+Wiech., 1868)
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45076, 11 mm.



Cylichnella exigua Tenison-Woods, 1883
Clifton Bank, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 25720, 15 mm.

ACTEONOIDEA 6



Mirascapha sulcatina Deshayes, 1862
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62171, 8 mm.



Plicobulla dumasi Cossmann, 1895
Cambron, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18723, 8 mm.



Roxania raristriata Briart+Cornet, 1870
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61522, 11 mm.



Roxania utriculus (Brocchi, 1814)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17637, 5 mm.



Scaphander fortisi Brongniart, 1823
Albanello quarry, Nogarole, Veneto, Italy
Lutetian, Eocene, Tertiary.
Colno 61742, 43 mm.



Scaphander grateloupi (Michelotti, 1847)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary.
Colno 36160, 16 mm.



Scaphander langdoni Dall, 1896
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59496, 24 mm.



Scaphander lignarius grateloupi (Michelotti, 1847)
Couquillère, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11584, 44 mm.

ACTEONOIDEA 7



Scaphander tenuis (Harris, 1897)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62123, 13 mm.



Philine kochi Koenen, 1882
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45081, 6 mm.



Atys brocchii (Michelotti, 1847)
San Nicomede, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39898, 9 mm.



Atys cylindrica (Helbling, 1779)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Tertiary
Colno 44096, 18 mm.



Atys gracilis Dall, 1896
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29622, 9 mm.



Atys naucum (Linnaeus, 1758)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Tertiary
Colno 44093, 21 mm.



Atys oedemata Dall, 1896
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29651, 8 mm.



Haminoea pomphylyx Dall, 1896
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59494, 14 mm.

BULLOIDEA



Bulla botanica Hedley, 1916
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34416, 86 mm



Bulla granosa (Sowerby, 1849)
Rio Mao, Cibao Valley, Dominican Republic
Chattian, Pliocene, Tertiary
Colno 27266, 27 mm.



Bulla sarasotaensis Petuch, 1994
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15516, 22 mm.



Bulla umbilicata Roeding, 1798
Orange Tree, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22580, 28 mm.



Retusa alba (Kanmacher, 1798)
Borsele, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60617, 6 mm.



Retusa elongata (Eichwald, 1830)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36158, 5 mm.



Rhizorus cylindrica (Gabb, 1873)
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27759, 4 mm.



Sulcoretusa prosulcata (Gardner, 1937)
Walton County, Tulane site 69A, Florida, USA
Shoal River Formation, Miocene, Tertiary
Colno 55068, 3 mm.

APLYSIOIDEA, PLEUROBRANCHIOIDEA , SPIRATELLOIDEA 1



Dolabella aldrichi (Dall,1890)
Ten Mile Creek , Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29738, 57 mm.



Umbraculum australe Harris,1897
Haugh's Quarry, S.Canterbury, New Zealand
Waitakian, Miocene, Tertiary
Colno 57478, 55 mm.

PLEUROBRANCHIOIDEA



Umbraculum planulatum Conrad in Wailes,1854
Town Creek, Mississippi, USA
Moodys Branch Form., Eocene, Tertiary
Colno 22127, 77 mm.



Umbraculum laudunense Melleville, 1843
Bièvres, Aisne, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62560, 32 mm.

SPIRATELLOIDEA



Limacina miostralis (Kautsky,1925)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36155, 1 mm.



Diacria trispinosa (Lesueur,1821)
San Nicomede, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39896, 5 mm.



Creseis hastata (Meyer,1886)
Big Black River, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31321, 4 mm.



Styliola subula (Quoy+Gaimard,1827)
Rio Torsero, Liguria, Italy
Tabianian, Pliocene, Tertiary
Colno 39970, 5 mm.

SPIRATELLELLOIDEA 2 , ELLOBIOIDEA 1



Cuvierina astesana (Rang,1829)
Rio Torsero, Liguria, Italy
Tatianian, Pliocene, Tertiary
Colno 39971, 7 mm.



Cuvierina austriaca Kittl,1886
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36154, 7 mm.



Vaginella chipolana Dall,1892
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29829, 6 mm.



Vaginella species
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56665, 6 mm.

ELLOBIOIDEA



Ellobium douvillei (Vasseur,1881)
Saint-Aignan-Grandlieu, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 17876, 22 mm.



Ellobium ovata (Lamarck,1804)
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18423, 14 mm.



Ellobium pyramidale (Sowerby,J.de C.,1822)
Antwerpen, Belgium
Scaldisian, Pliocene, Tertiary
Colno 53347, 16 mm.



Traliopsis lemoinei Cossmann,1889
Courcelles, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 55313, 17 mm.

ELLOBIOIDEA 2, SIPHONARIOIDEA, AMPHIBOLOIDEA



Melampus olivaceus (Carpenter, 1846)
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43756, 12 mm.



Melampus sinuosus Cossmann, 1895
Cauroy, Champagne-Ardenne, France
Thanetian, Miocene, Tertiary
Colno 61094, 14 mm.



Ovatella myosotis (Draparnaud, 1801)
Borsele, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60636, 8 mm.



Ovatella myotis (Brocchi, 1814)
San Romano, Toscana, Italy
Astian, Pliocene, Tertiary
Colno 44684, 17 mm.



Pedipes myotis pisolina Deshayes, 1831
Várpálotá, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26932, 11 mm.



Trimusculus species
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56434, 14 mm.

SIPHONARIOIDEA



Siphonaria vasconiensis Michelin, 1831
Le Houga, Midi-Pyrénées, France
Langhian, Miocene, Tertiary
Colno 11578, 46 mm.



Salinator solida (Martens, 1878)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 58256, 28 mm.

AMPHIBOLOIDEA

PHYSOIDEA, PLANORBIOIDEA, BULIMULOIDEA 1



Physa meigsii Dall, 1890
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16071, 38 mm.



Platyphysa princepi Fischer mold
Decca Plateau, Middle India, India
Cretaceous
Colno 54906, 65 mm.

PLANORBIOIDEA



Discohelix radiata (Draparnaud, 1801)
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61462, 9 mm.



Gyraulus parvus (Say, 1816)
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16352, 27 mm.



Planorbis bosqueti Glibert & De Heinzelin, 1954
Sultzheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62265, 4 mm.



Seminolina seminole (Pilsbry, 1934)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16070, 16 mm.

BULIMULOIDEA



Bothriembryon species
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 51603, 38 mm.



Dryptus guerini (Preston, 1908)
Punta Arenas, Isla Margarita, Venezuela
Plio/Pleistocene, Tertiary
Colno 58603, 74 mm.

BULIMULOIDEA 2, OLEACINOIDEA, STREPTAXOIDEA - HELICOIDEA



Eudolichotis distorta (Bruguiere, 1789)
Punta Arenas, Isla Margarita, Venezuela
Plio/Pleistocene, Tertiary
Colno 58604, 58 mm.



Palaeophaedusa edmondi Boissy, 1848
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61084, 14 mm.



Armenica americana (Wade, 1926)
Coon Creek, McNairy County, Tennessee, USA
Ripley Formation, Cretaceous
Colno 27071, 3 mm.



Euglandina truncata (Gmelin, 1790)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15985, 47 mm.

STREPTAXOIDEA

OLEACINOIDEA

POLYGYROIDEA



Rillya michaudi de Boissy, 1848
Courcelles, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 55447, 12 mm.



Polygyra septemvolva Say, 1818
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 48062, 8 mm.

CAMENOIDEA

HELICOIDEA



Sinumelon nullarboricum (Tate, 1879)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 58301, 27 mm.



Helix ramondi Brongniart, 1810
Dallet, Auvergne, France
Oligocene, Tertiary
Colno 55082, 72 mm.

NUCULOIDEA



Nucinella cincta Koenen, 1893
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61355, 3 mm.



Nucula chipolana Dall, 1898
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59295, 4 mm.



Nucula compta Goldfuss, 1837
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45030, 11 mm.



Nucula kalimnae Singleton, 1932
McDonald Bank, Victoria, Australia
Kalimnan Stage, Pliocene, Tertiary
Colno 25718, 20 mm.



Nucula nitidula Adams, A., 1856
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57149, 6 mm.



Nucula ovata Mantell, 1822
Troyes, Champagne-Ardenne, France
Albian, Cretaceous
Colno 52167, 70 mm.



Nucula sulcata Bronn, 1831
Buttigliera Alta, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 40515, 14 mm.



Nuculoma haesendoncki hanseata (Kautsky, 1925)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36212, 21 mm.

NUCULANOIDEA 1



Adrana kurzi Mansfield, 1932
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22629, 19 mm.



Nuculana callimene (Sowerby, 1833)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58989, 17 mm.



Nuculana gracilis (Deshayes, 1860)
Rheinberg, Nordrhein Westfalen, Germany
 Chattian, Oligocene, Tertiary
Colno 55227, 13 mm.



Nuculana pella (Linnaeus, 1767)
Rio Torsero, Liguria, Italy
Tabianian, Pliocene, Tertiary
Colno 39630, 7 mm.



Nuculana verconis (Tate, 1891)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34896, 16 mm.



Nuculana westendorpi (Nyst, 1839)
Sternberg, Mecklenburg, Germany
 Chattian, Oligocene, Tertiary
Colno 45033, 9 mm.



Nuculana taphria (Dall, 1897)
Playa del Rey, California, USA
Pleistocene, Quaternary
Colno 37602, 18 mm.



Saccella bellula (Adams, A, 1856)
Gladstone, Carterton District, New Zealand
Nukumaruan, Pleistocene, Quaternary
Colno 57284, 12 mm.

NUCULANOIDEA 2



Saccella hedleyi (Fleming, 1951)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57190, 7 mm.



Yoldia glaberrima (Munster, 1837)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36213, 26 mm.



Yoldia notabilis Yokoyama, 1922
Shimazu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36631, 34 mm.



Yoldia semistriata (Wood, 1840)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48331, 30 mm.



Portlandia pygmaea (Munster, 1837)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36190, 4 mm.



Pseudoportlandia solenelloides (Marshall, 1919)
Hampden Beach, Otago Region, New Zealand
Bortonian, Eocene, Tertiary
Colno 57864, 24 mm.



Neilo australis (Quoy+Gaimard, 1835)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35790, 33 mm.



Neilo awamoana Finlay, 1926
Haugh's Quarry, S. Canterbury, New Zealand
Waitakian, Miocene, Tertiary
Colno 57505, 42 mm.

ARCOIDEA 1



Acar celleporacea (Tate, 1886)
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56262, 19 mm.



Acar plicatum (Dillwyn, 1817)
Saigou, Chiba, Japan
Numa Coral Formation, Holocene, Quaternary
Colno 36610, 21 mm.



Arca acellana Lamarck, 1819
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44115, 43 mm.



Arca daneyi Cossmann+Peyrot, 1912
Pessac, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 19348, 27 mm.



Arca fichteli Deshayes, 1850
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20384, 103 mm.



Arca macdonaldi (Dall, 1912)
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30652, 28 mm.



Arca occidentalis Philippi, 1847
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16103, 42 mm.



Arca paratina Dall, 1898
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59406, 32 mm.

ARCOIDEA 2



Arca propeheterondata Gregorio, 1880
Grola quarry, Valdagno, Veneto, Italy
Lutetian, Eocene, Tertiary
Colno 61818, 42 mm.



Arca turoniensis (Dujardin, 1837)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21835, 72 mm.



Arca wagneriana Dall, 1898
Davis Excavating, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22503, 130 mm.



Barbatia lima (Conrad, 1848)
Keyes Scrap Mill, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31336, 67 mm.



Barbatia reticulata (Gmelin, 1792)
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27876, 13 mm.



Barbatia submytiloides (Tournouer, 1876)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21833, 110 mm.



Anadara aequalitas (Tucker+Wilson, 1932)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22634, 57 mm.



Anadara improcera (Conrad, 1845)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16106, 39 mm.

ARCOIDEA 3



Anadara nux (Sowerby, 1833)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58883, 17 mm.



Anadara petersburgensis Olsson+Harbison, 1953
Starbit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 22944, 70 mm.



Anadara rustica (Tuomey+Holmes, 1857)
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35640, 38 mm.



Anadara scalarina (Heilprin, 1887)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47920, 38 mm.



Scapharca diluvii (Lamarck, 1805)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17684, 38 mm.



Scapharca golfoyaquensis Maury, 1917
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27850, 40 mm.



Scapharca patricia Sowerby, 1849
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27842, 110 mm.



Scapharca riocanensis Maury, 1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27857, 28 mm.

ARCOIDEA 4



Noetia maoica Maury, 1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27872, 15 mm.



Noetia ponderosa (Say, 1822)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47921, 47 mm.



Arcopsis adamsi (Dall, 1886)
Leisey Shell Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 29181, 12 mm.



Trinacria gántensis Szöts, 1953
Gánt, Middle-Transdanubia, Hungary
Lutetian, Eocene, Tertiary
Colno 62785, 6 mm.



Cucullaria heterodonta Deshayes, 1858
Kryvoy Rog, Dnipropetrovsk Oblast, Ukraine
Lutetian, Eocene, Tertiary
Colno 61613, 45 mm.



Notogrammatodon cainozoicus (Tate, 1886)
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56261, 15 mm.



Cucullaea corioensis McCoy, 1876
Murbko, South Australia, Australia
Balcombian, Miocene, Tertiary
Colno 56060, 60 mm.



Cucullaea crassatina Lamarck, 1801
Abbecourt, Picardie, France
Thanetian, Paleocene, Tertiary
Colno 6593, 120 mm.

LIMOPSOIDEA



Limopsis aurita (Brocchi,1814)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17685, 13 mm.



Limopsis lacunosa Berezovsky,2010
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61407, 6 mm.



Glycymeris acuticostata (Sowerby,1849)
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27939, 18 mm.



Glycymeris radians (Lamarck,1819)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34924, 36 mm.



Glycymeris waltonensis Gardner,1926
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29691, 34 mm.



Tucetona gunyoungensis (Chapm. + Singleton,1925)
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55875, 21 mm.



Tucetona strigillata (Sowerby,1833)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58892, 24 mm.



Cosa wanganuica Finlay,1930
Omapu Creek, Taranaki Region, New Zealand
Omapu Shellbed, Pleistocene, Quaternary
Colno 35877, 4 mm.

MYTILOIDEA 1



Aulacomya ater maoriana (Iredale, 1915)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35766, 57 mm.



Brachidontes erosus (Lamarck, 1819)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34855, 48 mm.



Brachidontes exustus (Sowerby, 1849)
Davis Excavating, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24350, 26 mm.



Brachidontes rigaulti Deshayes, 1858
Lizy, Ile-de-France, France
Bartonian, Eocene, Tertiary
Colno 6829, 48 mm.



Mytilus conradianus Mansfield, 1932
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 29025, 126 mm.



Septifer denticulatus (Lamarck, 1805)
Kreuzberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62325, 18 mm.



Septifer excisus Wiegmann, 1837
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Plio/Pleistocene, Tertiary
Colno 44156, 37 mm.



Modiolula phaseolina (Philippi, 1844)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36185, 5 mm.

MYTILOIDEA 2



Modiolus areolatus (Gould, 1850)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35765, 43 mm.



Modiolus bipartitus Sowerby, J., 1818 . Mold
Barbezieux, Poitou-Charentes, France
Jurassic
Colno 51046, 130 mm.



Modiolus corrugata (Brongniart, 1823)
Gánt, Middle-Transdanubia, Hungary
Lutetian, Eocene, Tertiary
Colno 26079, 18 mm.



Modiolus guppyi Deshayes, 1858
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28506, 4 mm.



Modiolus lemeslei (Cossmann + Lambert, 1884)
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62394, 5 mm.



Crenella divaricata Orbigny, 1855
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28520, 3 mm.



Musculus fornensis (Zittel, 1862)
Gánt, Middle-Transdanubia, Hungary
Lutetian, Eocene, Tertiary
Colno 26070, 7 mm.



Lithophaga bisulcata (Orbigny, 1842)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47928, 17 mm.

PTERIOIDEA 1



Aviculoperna wateleti Deshayes, 1858
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62163, 11 mm.



Pinctada imbricata Roeding, 1798
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15816, 55 mm.



Pinctada margaritifera (Linnaeus, 1758)
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44113, 103 mm.



Pinctada studeri (Mayer, 1853)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20371, 175 mm.



Pteria chipolana Dall, 1898
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59427, 23 mm.



Pteria defrancei Deshayes, 1858
La Chapelle-en-Serval, Picardie, France
Bartonian, Eocene, Tertiary
Colno 45026, 17 mm.



Pteria stampinensis (Deshayes, 1858)
Sultzheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62266, 14 mm.



Pteria trigonata Lamarck, 1819
Gánt, Middle-Transdanubia, Hungary
Lutetian, Eocene, Tertiary
Colno 26071, 10 mm.

PTERIOIDEA 2, AMBONYCHIOIDEA



Vulsella obliqua Koenen, 1893
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61171, 15 mm.



Isognomon kecia (Tucker+Wilson, 1933)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15598, 76 mm.



Isognomon maxillata (Lamarck, 1819)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20373, 160 mm.



Inoceramus crippsi (Mantell, 1822)
Escalles, Nord-Pas-de-Calais, France
Cenomanian, Cretaceous
Colno 60356, 115 mm.



Inoceramus sulcatus Dall., 1898
Wissant, Nord-Pas-de-Calais, France
Albian, Cretaceous
Colno 60333, 33 mm.

AMBONYCHIOIDEA



Myalina copei Whitfield, 1902
Coleman County, Texas, USA
Pennsylvanian, Carboniferous
Colno 47799, 62 mm.

PINNOIDEA, LIMOIDEA 1



Atrina chipolana Dall, 1898
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59405, 58 mm.



Atrina pectinata (Linnaeus, 1767)
San Nicomede, Calabria, Italy
Pleistocene, Quaternary
Colno 39712, 137 mm.



Atrina texta Hertlein+Strong, 1943
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58945, 138 mm.



Pinna cretacea (Schlotheim, 1813)
Geulheim ?, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 42251, 115 mm.



Pinna rugosa Sowerby, 1835
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24374, 125 mm.



Pinna semiradiata Koenen, 1868
Grimmertingen, Limburg, Belgium
Latorfian, Oligocene, Tertiary
Colno 14890, 100 mm.

LIMOIDEA



Lima bassi Tenison Woods, 1877
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 61690, 26 mm.



Lima gemina (Iredale, 1929)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34882, 56 mm.

LIMOIDEA 2



Lima lima (Linnaeus, 1758)
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44144, 77 mm.



Lima orbigny Lamy, 1930
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22628, 53 mm.



Limaria hakodatensis (Tokunaga, 1906)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36539, 26 mm.



Limatula maoria Finlay, 1927
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35818, 39 mm.



Limatula sulcata (Brown, 1827)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36194, 6 mm.



Limea austrina Tate, 1887
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 58306, 10 mm.



Limea strigilata (Brocchi, 1814)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17707, 5 mm.



Pseudolimea duplicata Sowerby, J., 1827
Chemilli, Basse-Normandie, France
Callovian, Dogger, Jurassic
Colno 51077, 33 mm.

OSTREOIDEA 1



Ostrea aquitanica Mayer, 1858
Saint-Avit (Fontaine de Basta), Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 13185, 115 mm.



Ostrea edulis Linnaeus, 1758
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20357, 130 mm.



Ostrea haitensis Sowerby, 1849
Los Quemados, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27915, 35 mm.



Ostrea sculpturata Conrad, 1840
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16111, 58 mm.



Ostrea vesicularis Lamarck, 1806
Geulheim ?, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 42255, 73 mm.



Aetostreon latissimum (Lamarck, 1801)
Saujon, Poitou-Charentes, France
Turonian, Cretaceous
Colno 51826, 120 mm.



Exogyra species
Crawfordsville, Texas, USA
Carboniferous
Colno 30101, 37 mm.



Gryphaeostrea eversa Melleville, 1843
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61104, 26 mm.

OSTREOIDEA 2



Crassostrea virginica (Gmelin,1791)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16120 123 mm



Cubitostrea sellaeformis (Conrad,1832)
Claiborne, Alabama, USA
Lisbon Formation, Eocene, Tertiary
Colno 30033, 145 mm.



Rhynchostreon suborbiculatum (Lamarck,1801)
Tourraine, Centre, France
Turonian, Cretaceous
Colno 39662, 95 mm.



Lopha frondicula Vokes,H.,1977
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59404, 33 mm.



Lopha megodon Hanley,1846
Montezuma, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58822, 43 mm.



Lopha travisama (Stephenson, 1936)
Bell County, Texas, USA
Austin Chalk, Cretaceous
Colno 39693, 110 mm.



Gryphaea arcuata Lamarck,1811
Fretherne, Gloucestershire, Great Britain
Lias, Jurassic
Colno 44899, 85 mm.



Gryphaea dilatata Sowerby,J.,1818
Auberville, Basse-Normandie, France
Oxfordian, Malm, Jurassic
Colno 47753, 52 mm.

OSTREOIDEA 3, PILICATULOIDEA



Gryphaea sublobata Deshayes, 1830
Le Waast, Nord-Pas-de-Calais, France
Bathonian, Dogger, Jurassic
Colno 55084 63 mm.



Hyotissa haitensis (Sowerby, 1850)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24064, 137 mm.



Pycnodonte navicularis (Brocchi, 1814)
Yerseke, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60508, 65 mm.



Texigryphaea marcoui (Hill+Vaughan, 1898)
Mills County, Texas, USA
Cretaceous
Colno 47800, 45 mm.

PILICATULOIDEA



Plicatula hunterae Shaak+Nicol, 1974
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15572, 66 mm.



Plicatula gibbosa Lamarck, 1801
Leisey Shell Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 29177, 26 mm.



Plicatula marginata Say, 1824
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60802, 19 mm.



Dimyodon dissimilis (Tate, 1886)
Fishermans-steps, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55936, 15 mm.

PECTINOIDEA 1



Neithea species
Bosque County, Texas, USA
Cretaceous
Colno 47782 23 mm.



Neithea striatocostata (Goldfuss,1833)
Stevns Klint, Sjaelland, Denmark
Maastrichtian, Cretaceous
Colno 47662, 25 mm.



Pector soror (Gabb,1873)
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27896 46 mm.



Aequipecten angelonii (Stefani+Pant.,1880)
De Krim, Winterswijk, Gelderland, Netherlands
Hemmoorian, Miocene, Tertiary
Colno 36305, 33 mm.



Aequipecten muscosus Shaak+Nicol,1974
Davis Excavating, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22514, 46 mm.



Aequipecten opercularis opercul. (Linnaeus,1758)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48288, 74 mm.



Argopecten eboreus ? (Conrad,1833)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24369, 72 mm.



Chlamys bifrons palmipes (Tate,1886)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34876, 42 mm.

PECTINOIDEA 2



Chlamys caloosaensis Dall, 1898
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40140, 84 mm.



Chlamys nodosus Linnaeus, 1758
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 29023, 128 mm.



Chlamys polymorphoides (Zittel, 1864)
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56737, 21 mm.



Chlamys pusio (Linnaeus, 1766)
Alicante, Valencia, Spain
Upper Pliocene, Tertiary
Colno 51822, 165 mm.



Chlamys solarioides (Heilprin, 1887)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22621, 147 mm.



Leptopecten irremotis (Olsson+Harbison, 1953)
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24375, 19 mm.



Lissochlamys excisa (Sacco, 1897)
Baldichieri, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 39343, 73 mm.



Macrochlamis ligierianus Dolfus+Dautz., 1906
Hommes-Savigné, Loire Basin, France
Miocene, Tertiary
Colno 37660, 195 mm.

PECTINOIDEA 3



Mimachlamys varia (Linnaeus,1758)
Cadzand, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60672, 31 mm.



Nodipecten collierensis (Mansfield,1932)
Suniland Road, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35543, 68 mm.



Placopecten clintonius (Say,1824)
Lee Creek Mine, North Carolina, USA
Pungo River Format., Miocene, Tertiary
Colno 35560, 119 mm.



Sectipecten wollastoni (Finlay,1927)
Waipara River, N.Canterbury, New Zealand
Waiauian, Miocene, Tertiary
Colno 57962, 58 mm.



Carolinapecten eboreus (Conrad,1840)
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60778, 121 mm.



Chesapeakepecten jeffersonius (Say,1824)
Lee Creek Mine, North Carolina, USA
Pungo River Format., Miocene, Tertiary
Colno 47519, 197 mm.



Chesapeakepecten palmyrensis Mansfield,1936
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 31626, 112 mm.



Hinnites crispus Michelotti,1847
Salles, Aquitaine, France
Serravallian , Miocene, Tertiary
Colno 13182, 175 mm.

PECTINOIDEA 4



Delectopecten vitreus (Gmelin,1791)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48390, 6 mm.



Lyropecten nodosus (Linnaeus,1758)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24366, 78 mm.



Mesopeplum convexum (Quoy+Gaimard,1835)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35772, 47 mm.



Mesopeplum crawfordi (Hutton,1873)
Cape Young Mairangi, N. Chatham Isl., New Zealand
Opoitian, Pliocene, Tertiary
Colno 58205, 115 mm.



Pecten brummeli Nyst,1864
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17701, 32 mm.



Pecten burdigalensis Lamarck,1809
Couquillère, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 13272, 185 mm.



Pecten gallicus Mayer,1864
Salles, Aquitaine, France
Serravallian, Miocene, Tertiary
Colno 13184, 190 mm.



Pecten grandis Sowerby,1828
Ramsholt, Suffolk, Great Britain
Red Crag Formation, Pleistocene, Quaternary
Colno 60973, 64 mm.

PECTINOIDEA 5



Pecten jacobaeus (Linnaeus,1758)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 42451, 107 mm.



Pecten levicostatus Toula,1909
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30511, 27 mm.



Pecten multicosatus Nilsson,1827
Geulheim ?, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 42250, 32 mm.



Pecten quadricostata Sowerby,J,1814
Blom, Zuid Limburg, Netherlands
Maastrichtian, Cretaceous
Colno 55272, 52 mm.



Pecten thetidis Sowerby,1849
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27904, 31 mm.



Similipecten similis (Laskey,1822)
Stirone, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39800, 5 mm.



Amusium mortoni (Ravenel,1844)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47939, 152 mm.



Korobkovia woodi (Nyst,1861)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36183, 20 mm.

PECTINOIDEA 6



Parvamussium species
Native Hut, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56735, 5 mm



Spondylus bostrychites Guppy, 1867
Rio Mao, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 28100, 97 mm.



Spondylus chipolanus Dall, 1898
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59348, 77 mm.



Spondylus pseudoradula (McCoy, 1886)
Batesford Cement Quarry, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56245, 29 mm.



Spondylus rotundatus Heilprin, 1887
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47917, 67 mm.



Spondylus spondyloides (Tate, 1882)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34862, 90 mm.



Palmoxytoma species Plastic cast
Otapiri Stream, Southland, New Zealand
Hettangian, Lias, Jurassic
Colno 47477, 39 mm.



Entolium orbiculare (Sowerby, J., 1817)
Escalles, Nord-Pas-de-Calais, France
Cenomanian, Cretaceous
Colno 60358, 37 mm.

ANOMIOIDEA, TRIGONIOIDEA..



Anomia ephippium Linnaeus, 1758
Bonares, Huelva, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 42650, 73 mm.



Anomia simplex Orbigny, 1842
Davis Excavating, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24354, 39 mm.



Pododesmus squamula (Linnaeus, 1758)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36180, 8 mm.



Placunanomia plicata Tuomey+Holmes, 1857
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47925, 61 mm.

TRIGONIOIDEA



Eotrigonia semiundulata Jenkins, 1865
Muddy Creek, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 55833, 37 mm.



Pterotrigonia thoracica Morton, 1958
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 54938, 67 mm.



Trigonia crenulata Lamarck, 1819
Spain
Cretaceous
Colno 47679, 70 mm.



Trigonia interlaevigata Quenstedt, 1858
Bünde, Nordrhein-Westfalen, Germany
Jurassic
Colno 55532, 75 mm.

LUCINOIDEA 1



Barbierella barbieri Deshayes, 1857
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62654, 9 mm.



Callucina thierensi (Hébert, 1849)
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62416, 4 mm.



Cavilucina droueti droueti (Nyst, 1861)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17709, 10 mm.



Codakia orbicularis (Linnaeus, 1758)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15571, 71 mm.



Ctena squamosa (Lamarck, 1806)
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62418, 10 mm.



Epilucina californica (Conrad, 1837)
San Diego County, California, USA
Bay Point Formation, Pleistocene, Quaternary
Colno 43693, 38 mm.



Here sulcata Lamarck, 1806
Gisors, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 15021, 14 mm.



Jagonoma decipiens Deshayes, 1857
Chenay, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 9760, 12 mm.

LUCINOIDEA 2



Linga amiantus (Dall,1901)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16491, 6 mm.



Linga columbella (Lamarck,1818)
Gainfarn, Lower Austria, Austria
Badenian, Miocene, Tertiary
Colno 50827, 18 mm.



Loripes dentatus (DeFrance,1823)
Szob, Börzsöny, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26871, 5 mm.



Lucina borealis (Linnaeus,1766)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21558, 30 mm.



Lucina nuttallii (Conrad,1837)
Playa del Rey, California, USA
Pleistocene, Quaternary
Colno 37597, 18 mm.



Lucina pennsylvanica (Linnaeus,1758)
Orange Tree, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 16427, 35 mm.



Megaxinus omaliusi (Deshayes 1858)
Kreuzberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62320, 16 mm.



Megaxinus transversus (Bronn,1831)
Borsodbóta, Borsod-Abaúj-Zemplén, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 30952, 14 mm.

LUCINOIDEA 3



Nevenulora latebrosa Deshayes, 1857
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62652, 5 mm



Phacoides amabilis Dall, 1898
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16547, 11 mm.



Phacoides pectinatus (Gmelin, 1792)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15626, 41 mm.



Phacoides podagrinus Dall, 1903
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28090, 32 mm.



Pillucina concinna (Adams, H., 1871)
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44229, 9 mm.



Stewartia foremani (Conrad, 1841)
Camp Roosevelt, Maryland, USA
Calvert Formation, Miocene, Tertiary
Colno 35317, 45 mm.



Wallucina erythraea (Issel, 1869)
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44234, 11 mm.



Gonimyrtia concinna (Hutton, 1885)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57147, 7 mm.

LUCINOIDEA 4



Lucinoma borealis (Linnaeus,1767)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 38558, 36 mm.



Myrtea spinifera Montagu,1803
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21797, 14 mm.



Anodontia alba Link,1807
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24420, 78 mm.



Anodontia mississippiensis (Conrad,1848)
Cleary, Mississippi, USA
Mint Spring Format., Oligocene, Tertiary
Colno 41530, 24 mm.



Anodontia sphericula (Basedow,1902)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiar.
Colno 34849, 86 mm.



Claibornites uncinata DeFrance 1823
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61138, 27 mm.



Gibbolucina menardi (Deshayes,1824)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61179, 32 mm.



Gibbolucina microdonta Deshayes, 1857
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62653, 7 mm.

LUCINOIDEA 5



Miltha caloosaensis (Dall,1898)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16117, 75 mm.



Miltha chipolana (Dall,1903)
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29697, 87 mm.



Miltha hamptonensis (Ludbrook,1969)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34865, 118 mm.



Pegosypheia edentuloides (Verrill,1870)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58905, 52 mm.



Pseudomiltha gigantea Deshayes,1825
Cauvigny, Picardie, France
Lutetian, Eocene, Tertiary
Colno 50854, 110 mm.



Divalinga perparvula (Dall,1901)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 59047, 16 mm.



Divaricella huttoniana (Vanatta,1901)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35816, 26 mm.



Divaricella waltonia Gardner,1926
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29623, 11 mm.

LUCINOIDEA 6



Egracina ornata (Reeve, 1850)
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44227, 19 mm



Paralucinella undulata (Lamarck, 1806)
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62417, 10 mm.



Fimbria lamellosa Lamarck, 1806
Chateau Rouge, Picardie, France
Lutetian, Eocene, Tertiary
Colno 6727, 56 mm.



Fimbria subpectunculus Orbigny, 1850
La Chapelle-en-Vexin, Oise, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62912, 75 mm.



Mactromya cardioides (Phillips, 1829)
Blockley, Gloucestershire, Great Britain
Lias, Jurassic
Colno 44898, 67 mm.



Thyasira brongniarti Deshayes 1857
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61124, 8 mm.



Thyasira flexuosa (Montagu, 1803)
Antwerpen, Belgium
Scaldisian, Pliocene, Tertiary
Colno 53375, 7 mm.



Bruetia subradians Orbigny, 1850
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62158, 8 mm.

LUCINOIDEA 7



Cycladicama cumingii (Hanley,1844)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36639, 23 mm.



Diplodonta globosa (Forskal in Niebuhr,1775)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44215, 29 mm.



Diplodonta striatula (Finlay,1927)
Gladstone, Carterton District, New Zealand
Nukumaruan, Pleistocene, Quaternary
Colno 57290, 15 mm.



Diplodonta woodii Nyst,1881
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14494, 23 mm.



Felaniella duplicata Deshayes,1857
Abbecourt, Picardie, France
Thanetian, Paleocene, Tertiary
Colno 38861, 14 mm.



Felaniella zelandica (Gray,1835)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35798, 32 mm.



Microstagon species
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28076, 8 mm.



Timothynus turgida (Conrad,1848)
Tallahalla Creek, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31230, 13 mm.

GALEOMMATOIDEA



Kellia cycladiformis (Deshayes, 1834)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35795, 13 mm.



Mioerycina coarctata (Wood, 1851)
Antwerp, Belgium
Scaldisian, Pleistocene, Quaternary
Colno 53386, 4 mm.



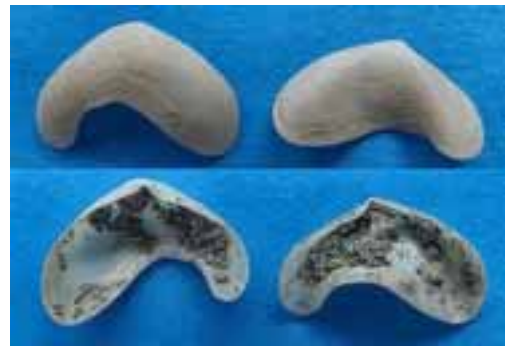
Scacchia degrangei (Cossmann+Peyrot, 1911)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17711, 2 mm.



Erycina actinophora (Dall, 1900)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59345, 9 mm.



Lepton transversarium Cossmann, 1896
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36204, 9 mm.



Curvemysella paula (Adams, A., 1856)
Shimazu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36560, 9 mm.



Montacuta hispaniolae Maury, 1917
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28077, 3 mm.



Neaeromya floridana (Dall, 1899)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47927, 13 mm.

CYAMIOIDEA



Anisodonta complanata Deshayes 1857
 Cauroy, Champagne-Ardenne, France
 Thanetian, Paleocene, Tertiary
 Colno 61116, 8 mm.



Anisodonta edentula Deshayes, 1858
 Attichy, Picardie, France
 Cuisian, Eocene, Tertiary
 Colno 62152, 7 mm.



Ensitellops tabula Olsson+Harbison, 1953
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15860, 7 mm.



Fabella dalli Conrad, 1863
 De Soto, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 16878, 7 mm.



Basterotia corbuloides Mayer in Hoernes, 1859
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21808, 11 mm.



Sportella bezanconi Cossmann 1882
 Cauroy, Champagne-Ardenne, France
 Thanetian, Paleocene, Tertiary
 Colno 61128, 4 mm.



Sportella leura Gardner, 1926
 Ten Mile Creek, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 59337, 11 mm.



Sportella lioconcha Dall, 1900
 Okaloosa County, Florida, USA
 Oak Grove Sand, Miocene, Tertiary
 Colno 59680, 15 mm.

CARDITOIDEA 1



Cardita aoteana Finlay, 1927
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35782, 32 mm.



Cardita crassicosta Lamarck, 1819
Sunny Side Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 57026, 26 mm.



Cardita hippopea Basterot, 1825
Letkés, Börzsöny, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 26799, 30 mm.



Carditamera arata (Conrad, 1832)
Griffin Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24472, 30 mm.



Cardites antiquatus pectinatus (Brocchi, 1814)
Baldichieri, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 39297, 59 mm.



Cyclocardia christiei (Marwick, 1929)
Chatton, Southland Region, New Zealand
Duntronian, Oligocene, Tertiary
Colno 58086, 60 mm.



Cyclocardia granulata (Say, 1824)
Chesapeake Bay, Plum Point, Maryland, USA
Choptank Formation, Miocene, Tertiary
Colno 60765, 14 mm.



Cyclocardia prevosti Deshayes, 1858
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62153, 17 mm.

CARDITOIDEA 2



Glans costairregularis Newton, 1922
Ameke Ibegu, Abia State, Nigeria
Bende-Ameki Formation, Eocene, Tertiary
Colno 61023, 15 mm.



Glans janjukiensis (Chapman+Singleton, 1927)
Fishermans-steps, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55905, 38 mm.



Pleuromeris cuneata Cossmann, 1882
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62650, 3 mm.



Pleuromeris zelandica (Deshayes, 1854)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57132, 11 mm.



Pteromeris nuculina (Dujardin, 1837)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21807, 5 mm.



Pteromeris perplana (Conrad, 1841)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16493, 6 mm.



Megacardita jouanneti Basterot, 1825
Fabrica, Algarve, USA
Tortonian, Miocene, Tertiary
Colno 20363, 110 mm.



Venericardia aversa Pilsbry+Johnson, 1917
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 26137, 19 mm.

CARDITOIDEA 3



Venericardia caelebs Marwick, 1929
 Chatton, Southland Region, New Zealand
 Duntronian, Oligocene, Tertiary
 Colno 58123, 29 mm.



Venericardia conradiana limonensis Olsson, 1922
 Rio Banano, Limon, Costa Rica
 Rio Banano Formation, Pliocene, Tertiary
 Colno 30538, 11 mm.



Venericardia eudaedalea Bayan, 1873
 Bièvres, Picardie, France
 Cuisian, Eocene, Tertiary
 Colno 61024, 17 mm.



Venericardia hatcheplata Gardner+Bowles, 1939
 Tombigbee River, Alabama, USA
 Hatchetigbee Form., Eocene, Tertiary
 Colno 35272, 70 mm.



Venericardia islahispaniolae Maury, 1917
 Rio Gurabo, Cibao Valley, Dominican Republic
 Gurabo Formation, Pliocene, Tertiary
 Colno 27956, 27 mm.



Venericardia purpurata (Deshayes, 1854)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 57171, 35 mm.



Venericor planicosta Lamarck, 1801
 Etrépilly, Ile-de-France, France
 Bartonian, Eocene, Tertiary
 Colno 9728, 100 mm.



Cuna species
 Okaloosa County, Florida, USA
 Oak Grove Sand, Miocene, Tertiary
 Colno 59707, 6 mm.

CHAMOIDEA



Arcinella antiquata Dall,1903
Rio Mao, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 27948, 55 mm.



Arcinella arcinella (Linnaeus,1767)
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23490, 32 mm.



Arcinella californica (Dall,1903)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 30023, 85 mm.



Arcinella cornuta Conrad,1866
De Soto, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 29066, 44 mm.



Chama depauperata Deshayes, 1858
Chaumont en Vexin, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62571, 21 mm.



Chama gardnerae Olsson+Harbison,1953
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 24376, 30 mm.



Chama involuta Guppy,1876
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27978, 17 mm.



Pseudochama chipolana (Dall,1903)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59346, 58 mm.

CRASSATELLOIDEA 1



Bathytormus compressus Lamarck, 1805
Brasles, Picardie, France
Lutetian, Eocene, Tertiary
Colno 1541, 26 mm.



Bathytormus dilatatus Deshayes, 1860
Damery, Champagne-Ardenne, France
Lutetian, Eocene, Tertiary
Colno 6778, 35 mm.



Bathytormus lamellosus Lamarck, 1805
Villiers-Saint-Frédéric, Isle-de-France, France
Lutetian, Eocene, Tertiary
Colno 6775, 30 mm.



Crassatella bowdensis costaricensis Olsson, 1922
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30541, 3 mm.



Crassatella dennanti (Tate, 1886)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 47061, 52 mm.



Crassatella distincta (Deshayes, 1854)
Dudar, Bakony, Hungary
Lutetian, Eocene, Tertiary
Colno 24887, 52 mm.



Crassatella gibbosula Lamarck, 1805
Chaumont en Vexin, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62540, 53 mm.



Crassatella ponderosa (Gmelin, 1791)
Kryvoy Rog, Dnipropetrovsk Oblast, Ukraine
Lutetian, Eocene, Tertiary
Colno 61627, 94 mm.

CRASSATELLOIDEA 2



Crassatellites densus Dall,1900
Alum Bluff, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 60907, 82 mm.



Crassatina raricostata Klushnikov,1958
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61169, 12 mm.



Eucrassatella elassa Woodring,1982
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 23492, 47 mm.



Eucrassatella gibbosa Olsson,1922
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58877, 55 mm.



Marvacrassatella kauffmani Ward+Blackw.,1987
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60775, 110 mm.



Spissatella subobesa (Marshall+Murdoch,1919)
Lee Creek Mine, North Carolina, USA
Duntronian, Oligocene, Tertiary
Colno 58112, 44 mm.



Spissatella trailli (Hutton,1873)
Pukeuri, S.Canterbury, New Zealand
Altonian, Miocene, Tertiary
Colno 57796, 42 mm.



Crassinella dupliniana (Dall,1903)
Belgrade Quarry, North Carolina, USA
Pliocene, Tertiary
Colno 60933, 14 mm.

ASTARTOIDEA 1



Astarte fusca incrassata (Brocchi, 1814)
Strongoli, Calabria, Italy
Astian, Pliocene, Tertiary
Colno 39983, 16 mm



Astarte gracilis Goldfuss, 1837
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 55203, 23 mm.



Astarte incerta (Wood, 1853)
Tielrode, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48189, 19 mm.



Astarte isosocles Gardner, 1926
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29695, 7 mm.



Astarte teschi Heering, 1950
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17719, 15 mm.



Astarte triangulata Meyer, 1886
Hiwannee, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41407, 12 mm.



Astarte vetula (Philippi, 1847)
Gram, Syd Jylland, Denmark
Tortonian, Miocene, Tertiary
Colno 55101, 20 mm.



Digitaria convergens (Dolf.+Cot.+Gomes, 1904)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21806, 5 mm.

ASTARTOIDEA 2



Digitaria digitaria Linnaeus, 1766
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48335, 6 mm.



Digitariopsis obliquata Sowerby, 1817
Tielrode, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48188, 22 mm.



Goodallia angulata (Lehmann, 1885)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36209, 2 mm.



Laevastarte basteroti (Lajonkaire, 1823)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48393, 45 mm.



Laevastarte omalii (Lajonkaire, 1823)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48391, 35 mm.



Tridonta domburgensis Janssen+Slik, 1974
Walcheren, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 25129, 26 mm.



Tridonta elliptica (Brown, 1827)
Walcheren, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 25130, 23 mm.



Eriphyla species
Cerro del Burro, Neuquén, Argentina
Hauterivian, Cretaceous
Colno 48260, 47 mm.

CARDIOIDEA 1



Acanthocardia aculeata (Linnaeus,1767)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 42440, 58 mm.



Acanthocardia clavata (Hilber,1879)
Gainfarn, Lower Austria, Austria
Badenian, Miocene, Tertiary
Colno 50800, 24 mm.



Acanthocardia tuberculata (Linnaeus,1758)
Domburg, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60686, 54 mm.



Agnocardia cinderellae (Maury,1917)
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28019, 44 mm.



Bucardium bueckianum Telegdi-Roth,1914
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23122, 75 mm.



Cardium bazini Deshayes 1858
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61133, 35 mm.



Cardium burdigalinum Lamarck,1819
Pont-Pourquey, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11909, 80 mm.



Cardium decortiatum Wood,1841
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14500, 77 mm.

CARDIOIDEA 2



Cardium emmonsi Conrad, 1867
 Leisey Shell Pit, Florida, USA
 Okeechobee Formation, Pleistocene, Quaternary
 Colno 29160, 33 mm.



Cardium grateloupi Mayer, 1866
 Saint-Paul-lès-Dax, Aquitaine, France
 Badenian, Miocene, Tertiary
 Colno 13262, 62 mm.



Cardium hians recta Dollf.+Cot.+Gomes, 1906
 Fabrica, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20377, 85 mm.



Cardium indicum Lamarck, 1818
 Castel Arquato, Emilia Romagna, Italy
 Plaisancian, Pliocene, Tertiary
 Colno 40489, 97 mm.



Cardium isocardia Linnaeus, 1758
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 48018, 80 mm.



Cardium kunstleri Cossmann+Peyrot, 1911
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20375, 160 mm.



Cardium subfragile Orbigny, 1850
 Saint-Gobain, Picardie, France
 Cuisian, Eocene, Tertiary
 Colno 6581, 86 mm.



Fulvia fragilis (Forskal in Niebuhr, 1775)
 El Dahar, Hurgada, Red Sea, Egypt
 Not in situ, Pleistocene, Quaternary
 Colno 44197, 28 mm.

CARDIOIDEA 3



Fulvia mutica (Reeve, 1844)
Oomori, Ota-ku, Honshu, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36641, 78 mm.



Granocardium dumosum Conrad, 1870
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 38915, 65 mm.



Hedecardium cantuariense (Laws, 1933)
White Rock River, S. Canterbury, New Zealand
Altonian, Miocene, Tertiary
Colno 55738, 89 mm.



Loxocardium patruelinum Deshayes, 1858
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62646, 8 mm.



Maoricardium spatiosum (Hutton, 1873)
Waverley, Taranaki Region, New Zealand
Waipipian Stage, Pliocene, Tertiary
Colno 35853, 130 mm.



Parvicardium defrancei (Deshayes, 1858)
Kreuzberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62332, 10 mm.



Parvicardium kochi (Semper, 1861)
Rheinberg, Rheinland-Pfalz, Germany
Chattian, Oligocene, Tertiary
Colno 55218, 9 mm.



Parvicardium straeleni (Glibert, 1945)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17726, 7 mm.

CARDIOIDEA 4



Plagiocardium scobinula Deshayes, 1858
Eckelsheim Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62421, 8 mm.



Vepricardium antiquum (Ludbrook, 1978)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34858, 85 mm.



Acrosterigma cygnorum (Deshayes, 1855)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34880, 59 mm.



Papyridea aspersa (Sowerby, 1833)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58855, 53 mm.



Papyridea bulbosum (Dall, 1900)
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59419, 38 mm.



Trachycardium consors (Sowerby, 1833)
Montezuma, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58816, 46 mm.



Trachycard. dominicense hadratatum Woodring, 1982
Cativá, Colón, Panama
Gatun Formation, Miocene, Tertiary
Colno 26900, 55 mm.



Trachycardium eversum (Conrad, 1848)
Tallahalla Creek, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31235, 30 mm.

CARDIOIDEA 5



Trachycardium flexicostatum Vokes, 1989
Rio Mao, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28060, 23 mm.



Trachycardium plectopleura Gardner, 1926
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59421, 42 mm.



Trachycardium pseudomagnum (McCoy, 1877)
Fishermans-steps, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55906, 81 mm.



Ctenocardia fornicata (Sowerby, 1841)
El Dahar, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44205, 18 mm.



Fragum apateticum Dall, 1900
Okaloosa County, Florida, USA
Oak Grove Sand, Miocene, Tertiary
Colno 59674, 11 mm.



Lunulicardia retusa auricula (Forskal in Nieb., 1775)
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44210, 53 mm.



Trigoniocardia aliculum Dall, 1900
Alum Bluff, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59652, 17 mm.



Trigoniocardia granifera (Broderip+Sowerby, 1829)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 59049, 13 mm.

CARDIOIDEA 6



Trigoniocardia willcoxi (Dall,1900)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15821, 12 mm.



Discors herculeus Dolf.+Cot.+Gomes,1904
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20360, 140 mm.



Discors parisiense (Orbigny,1850)
Saint-Aignan-Grandlieu, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18159, 25 mm.



Nemocardium gigas DeFrance,1817 Repaired
Cauvigny, Picardie, France
Lutetian, Eocene, Tertiary
Colno 53439, 112 mm.



Nemocardium pulchellum (Gray,1843)
Kai Iwi Beach, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57313, 25 mm.



Pachycardium stantoni (Wade,1926)
Coon Creek, Tennessee, USA
Ripley Formation, Cretaceous
Colno 55276, 112 mm.



Dinocardium cedrelarum (Cox,1941)
Esterillos, Puntarenas, Costa Rica
Punta Judas Format., Miocene, Tertiary
Colno 30019, 120 mm.



Dinocardium robustum (Lightfoot,1786)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 47914, 123 mm.

CARDIOIDEA 7



Laevicardium dingdense (Lehmann,1885)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36256, 33 mm.



Laevicardium elenense (Sowerby,1840)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 59050, 17 mm.



Laevicardium laevigatum (Linnaeus,1758)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15579, 48 mm.



Laevicardium subturgidum subturg. (Orbigny,1852)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36257, 18 mm.



Laevicardium tenuicostatum (Lamarck,1819)
Madura, Western Australia, Australia
Roe Calcarenite , Pliocene, Tertiary
Colno 34881, 35 mm.



Laevicardium tenuisulcatum (Nyst,1836)
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 55216, 25 mm.



Laevicardium wagnerianum Olsson+Harbison,1953
Quality Aggregates, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 22630, 77 mm.



Cerastoderma chipolanum Dall,1900
Farley Creek , Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59420, 50 mm.

CARDIOIDEA 8 + TRIDACNOIDEA



Cerastoderma waltoniana (Dall,1900)
Shoal River, Florida, USA
Shoal River Form., Miocene, Tertiary
Colno 29687, 45 mm.



Clinocardium buellowi (Rolle,1896)
Shimazu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36644, 46 mm.



Clinocardium meekianum (Gabb,1866)
Capitola, California, USA
Purisma Formation, Pliocene, Tertiary
Colno 54907, 135 mm.



Fuscocardium braunsi (Tokunaga,1937)
Shimadu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 35012, 60 mm.

TRIDACNOIDEA



Tridacna maxima (Roding,1798)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44187, 200 mm.



Tridacna squamosina Sturany,1899
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44188, 305 mm.



Avicularium granuligerum (Cossmann+Pisarro,1904)
Le Bois-Gouet, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 18624, 22 mm.



Goniocardium heberti Vasseur,1880
Saint-Aignan-Grandlieu, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 20679, 36 mm.

MACTROIDEA 1



Harvella elegans elegans (Sowerby, G.B. I, 1825)
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30568, 55 mm



Longimacra elongata (Quoy+Gaimard, 1835)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35789, 98 mm.T



Mactra basteroti Mayer, 1853
Pont-Pourquey, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 11602, 33 mm.



Mactra bulgarica (Toula, 1909)
Balchik, Varna, Bulgaria
Sarmatian, Miocene, Tertiary
Colno 54859, 21 mm.



Mactra ovata ovata (Gray, 1843)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35778, 50 mm.



Mactra pura Deshayes, 1853
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34955, 48 mm.



Mactra stultorum plistoneerland. Regteren Alt., 1937
Domburg, Zeeland, Netherlands
Not in situ, Pliocene, Tertiary
Colno 60680, 60 mm.



Maorimacra chrydae (Suter, 1911)
Bluecliffs, Southland Region, New Zealand
Kapitean, Miocene, Tertiary
Colno 57705, 24 mm.

MACTROIDEA 2



Mulinia lateralis Say, 1822
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15600, 23 mm.



Mulinia elongata (Quoy+Gaimard, 1835)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15591, 38 mm.



Pseudocardium sachalinense (Schrenck, 1862)
Maebayashi, Chiba, Japan
Kamiiwasgashi Form., Pleistocene, Quaternary
Colno 35215, 112 mm.



Rangia flexuosa (Conrad, 1839)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15844, 22 mm.



Rangia nasuta (Dall, 1894)
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16122, 58 mm.



Scalpomactra scalpellum (Reeve, 1854)
Castlecliff, Wanganui, New Zealand
Roe Calcarenite, Pliocene, Tertiary
Colno 35815, 18 mm



Spisula compressa Deshayes, 1832
Baron, Picardie, France
Bartonian, Eocene, Tertiary
Colno 6625, 34 mm.



Spisula densa Dall, 1898
Okaloosa County, Florida, USA
Oak Grove Sand, Miocene, Tertiary
Colno 59692, 11 mm.

MACTROIDEA 3



Spisula obtruncata (Wood,1857)
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14460, 22 mm.



Spisula semisulcata levesquei Orbigny,1850
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62149, 6 mm.



Spisula solida (Linnaeus,1758)
Ramsholt, Suffolk, Great Britain
Red Crag Formation, Pleistocene, Quaternary
Colno 60978, 32 mm.



Spisula subtruncata (Costa,1778)
Sternberg, Mecklenburg, Germany
Chattian, Oligocene, Tertiary
Colno 45046, 11 mm.



Spisula trigonella (Lamarck,1818)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34962, 28 mm.



Eastonia rugosa (Helbling,1779)
Buttiglieria Alta, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 40661, 69 mm.



Lutraria oblonga expansa Dolf.+Cot.+Gomes,1904
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20367, 140 mm.



Lutraria oblonga soror Mayer,1867
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23062, 72 mm.

MACTROIDEA 4



Lutraria rhynchaena Jonas, 1844
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34845, 62 mm



Lutraria sanna Basterot, 1825
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21767, 75 mm.



Tresus keenae (Kuroda+Habe, 1950)
Maebayashi, Chiba, Japan
Kamiiwasgashi Form., Pleistocene, Quaternary
Colno 35213, 159 mm.



Raeta canaliculata Say, 1821
Handy Fill, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24504, 64 mm.



Raeta undulata (Gould, 1851)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58950, 46 mm.



Zenatia acinaces (Quoy+Gaimard, 1835)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35793, 48 mm.



Atactodea glabrata (Gmelin, 1791)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44290, 27 mm.



Donacilla cornea (Poli, 1795)
Baldichieri, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 39842, 8 mm.

MACTROIDEA 5



Mesodesma subtriangulata quoyii Deshayes, 1832
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35830, 52 mm.



Anapella cycladea (Lamarck, 1818)
Madura, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34959, 35 mm.



Anapella variabilis (Tate, 1887)
Hampton, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34947, 21 mm.



Monterosatus macoma (Nordsieck, 1972)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36211, 8 mm.



Ervilia castanea pusilla (Philippi, 1836)
Borsodbóta, Borsod-Abaúj-Zemplén, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 30920, 8 mm.



Ervilia exterolaevis Dockery, 1982
Cleary, Mississippi, USA
Mint Spring Format., Oligocene, Tertiary
Colno 41517, 2 mm.



Ervilia lamelloexteria Dockery, 1982
Tallahalla Creek, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31238, 4 mm.



Ervilia valhosieri (Gardner, 1928)
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30521, 4 mm.

SOLENOIDEA



Solen amphistemma Dall, 1915
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 29875, 84 mm.



Solen grandis (Lamarck, Dunker, 1861
Oomori, Ota-ku, Honshu., Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36538, 115 mm.



Solen krusensterni Schrenck, 1867
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36552, 63 mm.



Solen proximus Deshayes, 1856
Saint-Aignan-Grandlieu, Pays de la Loire, France
Lutetian, Eocene, Tertiary
Colno 17880, 70 mm.



Solen siliquarius lusitanen. Dolf.+Cot.+Gomes, 1904
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21564, 154 mm.



Solen strictus Gould, 1861
Ootake, Kantō Region, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36650, 108 mm.



Solena laversinensis Lefevre+Watelet, 1877
Monampteuil, Picardie, France
Cuisian, Eocene, Tertiary
Colno 6615 84 mm.



Solena plagiulax Cossmann, 1886
Chaumont en Vexin, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62531, 77 mm.

TELLINOIDEA 1



Angulus benedeni (Nyst+Westendorp,1839)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48310, 57 mm.



Angulus posterus (Beyrich in Koenen,1868)
Miste, Gelderland,, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36254, 30 mm.



Arcopagia crassa Pennant,1777
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14470, 48 mm.



Arcopagia donacialis Lamarck,1806
Chateau Rouge, Picardie, France
Lutetian, Eocene, Tertiary
Colno 130, 24 mm.



Arcopagia heberti (Deshayes,1857)
Kreuzberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62353, 13 mm.



Arcopagia ventricosa triang. Dolf.+Cot.+Gom.,1904
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21731, 67 mm.



Barytellina crassidens Marwick,1924
Gladstone, Carterton District, New Zealand
Nukumaruan, Pleistocene, Quaternary
Colno 57278 33 mm.



Cadella lubrica (Gould,1861)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36543, 12 mm.

TELLINOIDEA 2



Hemimetus magnoliana (Dall,1900)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15605, 71 mm.



Megangulus venulosus (Schrenck,1862)
Oomori, Ota-ku, Honshu,, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 35218, 79 mm.



Moerella elinguis Jung,1969
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27954, 30 mm.



Nitidotellina nitidula (Dunker,1860)
Shimazu, Inashiki District, Japan
Kioroshi Formation, Pleistocene, Quaternary
Colno 36563, 23 mm.



Strigilla caimitica Maury,1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28075, 15 mm.



Strigilla flexuosa (Say,1822)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15874, 11 mm.



Tellidora lunulata Holmes,1858
Mule Pen Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 294, 45 mm.

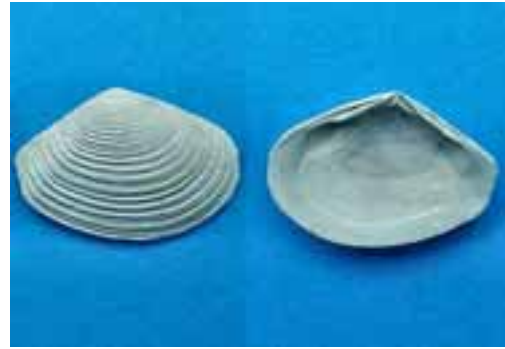


Tellina aldingae (Ludbrook,1959)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34863, 122 mm.

TELLINOIDEA 3



Tellina biangularis Deshayes, 1825
Fontenay en Vexin, Haute-Normandie, France
Lutetian, Eocene, Tertiary
Colno 6633, 42 mm.



Tellina dodona Dall, 1898
Okaloosa County, Florida, USA
Oak Grove Sand, Miocene, Tertiary
Colno 59689, 15 mm.



Tellina gaimardi Iredale, 1915
Kai Iwi Beach, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57327, 31 mm.



Tellina lunulata Lamarck, 1806
Ducy, Picardie, France
Bartonian, Eocene, Tertiary
Colno 6629, 36 mm.



Tellina masoni (Tate, 1887)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62130, 19 mm.



Tellina mexicana Petit, 1841
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15824, 46 mm.



Tellina planata lamellosa Dolf.+Cot.+Gomes, 1904
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21736, 65 mm.



Tellina pristiphora Dall, 1900
Montezuma, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58832, 29 mm.

TELLINOIDEA 4



Tellina serica Conrad, 1848
Tallahalla Creek, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31239, 32 mm.



Tellina strophia Dall, 1900
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59324, 41 mm.



Gastrana fragilis (Brocchi, 1814)
Bonares, Andalusia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51708, 72 mm.



Gastrana lacunosa (Chemnitz, 1782)
Bosco, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 39099, 91 mm.



Gastrana laminosa (Sowerby, 1827)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48395, 41 mm.



Loxoglypta subpallida (Smith, 1891)
Zahabia, Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44253, 20 mm.



Macoma elliptica (Brocchi, 1814)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21768, 36 mm.



Macoma nasuta (Conrad, 1837)
San Diego Co, California, USA
Bay Point Formation, Pleistocene, Quaternary
Colno 43696, 31 mm.

TELLINOIDEA 5



Macoma obliqua (Sowerby, J., 1817)
 Ramsholt, Suffolk, Great Britain
 Red Crag Formation, Pleistocene, Quaternary
 Colno 60980, 34 mm.



Macoma praetenuis Leath, 1830
 Deurganckdok, East Flanders, Belgium
 Scaldisian, Pliocene, Tertiary
 Colno 48363, 35 mm.



Scrobicularia plana (Costa, 1778)
 Deurganckdok, East Flanders, Belgium
 Scaldisian, Pliocene, Tertiary
 Colno 48346, 25 mm.



Abra antwerpiensis Glibert, 1945
 Miste, Gelderland, Netherlands
 Formation of Aalten, Miocene, Tertiary
 Colno 36241, 17 mm.



Abra elegans (Deshayes, 1857)
 Kreuzberg, East Flanders, Germany
 Rupelian, Oligocene, Tertiary
 Colno 62351, 22 mm.



Abra lehmanni Anderson, 1964
 Heist op den Berg, Antwerp, Belgium
 Burdigalian, Miocene, Tertiary
 Colno 17740, 10 mm.



Abra pectorosa (Brocchi, 1814)
 Hiwannee, Mississippi, USA
 Red Bluff Formation, Oligocene, Tertiary
 Colno 41440, 14 mm.



Abra suessoniensis Deshayes, 1857
 Cinqueux, Picardie, France
 Cuisian, Eocene, Tertiary
 Colno 62644, 9 mm.

TELLINOIDEA 6



Cumingia tellinoides (Conrad,1831)
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60807, 26 mm.



Semele chipolana Dall,1900
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59319, 57 mm.



Semele perlamellosa Heilprin,1887
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16116, 81 mm.



Semele pulchra Sowerby,1832
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43740, 18 mm.



Asaphis centenaria (Conrad,1833)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15602, 60 mm.



Gari consobrina Deshayes,1857
Cauroy-lès-Hermonville, Champ.-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 62218, 42 mm.



Gari fervensis (Gmelin,1791)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51799, 27 mm.



Gari lineolata (Gray,1835)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57098, 55 mm.

TELLINOIDEA 7



Sanguinolaria biradiata (Wood,1815)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34937, 55 mm.



Sanguinolaria smithwardi Maury,1917
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27965, 55 mm.



Azorinus abbreviatus (Gould,1861)
Saigou, Chiba, Japan
Numa Coral Formation, Holocene, Quaternary
Colno 36604, 31 mm.



Azorinus chamasolen miocaen. (Cossm.+Peyr.,1907)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21743, 50 mm.



Solecurtus broggii costaricensis (Olsson,1922)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58952, 61 mm.



Solecurtus cumingianus (Dunker,1861)
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 24626, 69 mm.



Solecurtus scopula (Turton,1822)
Stirone, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39766, 47 mm.



Solecurtus uniradiata lusit. Dolf.+Cot.+Gom.,1904
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21559, 48 mm.

TELLINOIDEA 8, DONACOIDEA



Tagelus californianus (Conrad, 1837)
San Diego Co., California, USA
Bay Point Formation, Pleistocene, Quaternary
Colno 43705, 51 mm



Tagelus gibbus Spengler, 1794
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15554, 80 mm.



Cultellus cultellatus Wood in Sowerby, 1844
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14508, 26 mm.



Cultellus grignonensis Deshayes, 1856
Chaumont en Vexin, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62554, 36 mm.



Ensis directus Conrad, 1843
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15599, 60 mm.



Ensis ensis (Linnaeus, 1758)
Stirone, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39810, 41 mm.

DONACOIDEA



Donax aequalis Gabb, 1873
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27999, 14 mm.



Donax trueloides Gardner, 1928
Chipola River, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59582, 24 mm.

DREISSENOIDEA, ARCTICOIDEA 1



Congeria alta Brusina, 1989
Borsodbóta, Borsod-Abaúj-Zemplén, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 30929, 11 mm.



Congeria subglobosa Grateloup, 1840
Wiener Becken, Niederösterreich, Austria
Miocene, Tertiary
Colno 47518, 98 mm.



Dreissena deshayesi Capellini, 1860
Stirone, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39780, 33 mm.



Mytilopsis leucophaeto (Conrad, 1831)
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16894, 7 mm.

ARCTICOIDEA



Arctica islandica islandica (Linnaeus, 1758)
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17741, 83 mm.



Arctica islandica rotunda Braun in Agass., 1845
Vliermaal, Limburg, Belgium
Sands of Berg, Oligocene, Tertiary
Colno 38996, 147 mm.



Arctica scutellaria Lamarck, 1806
Abbecourt, Picardie, France
Thanetian, Paleocene, Tertiary
Colno 6585, 95 mm.



Pygocardia rustica (Sowerby, 1818)
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14426, 90 mm.

ARCTICOIDEA 2, GLOSSOIDEA 1



Veniella ciplense Vincent?
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61570, 7 mm.



Veniella postera (Koenen, 1865)
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61400, 9 mm.

GLOSSOIDEA



Ptychomya koeneni coihuicoensis Behrendsen, 1892
Neuquen Basin, Patagonia, Argentina
Cretaceous
Colno 47694, 55 mm.



Glossocardia carinata Deshayes, 1829
Chaumont en Vexin, Picardie, France
Lutetian, Eocene, Tertiary
Colno 62570, 35 mm.



Glossocardia loustai Cossmann, 1886
Bézu-le-Guéry, Picardie, France
Bartonian, Eocene, Tertiary
Colno 453, 34 mm.



Glossocardia subquadrata Cossmann, 1886
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61110, 6 mm.



Glossus burdigalensis (Deshayes, 1832)
Leognan Coquillat, Aquitaine, France
Burdigalian, Miocene, Tertiary
Colno 14107, 42 mm.



Glossus humanus (Linnaeus, 1758)
Salento, Puglia, Italy
Pliocene, Tertiary
Colno 47770, 73 mm.

GLOSSOIDEA 2



Glossus lunulatus (Nyst,1835)
Ekeren (dump), Antwerp, Belgium
Serravallian, Miocene, Tertiary
Colno 39029, 52 mm.



Glossus marylandica (Schoonover,1941)
Matoaka Cottages, Maryland, USA
Choptank Formation, Miocene, Tertiary
Colno 48130, 67 mm.



Meiocardia harpa (Goldfuss,1840)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 61938, 54 mm.



Miocardiopsis pseudocarinata Berezovsky,2010
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61436, 37 mm.



Petalocardia pectinifera Sowerby J.de C.,1823
Bézu-le-Guéry, Picardie, France
Bartonian, Eocene, Tertiary
Colno 9834, 10 mm.



Alveinus rotundus Dall,1900
Rio Banano, Limon, Costa Rica
Rio Banano Formation, Pliocene, Tertiary
Colno 30522, 3 mm.



Lutetia umbonata Deshayes,1858
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62145, 3 mm.



Straelenotrapezium caillati Deshayes, 1858
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62642, 21 mm.

GLOSSOIDEA 3, CORBICULOIDEA



Coralliophaga coralliophaga (Gmelin,1791)
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44306, 25 mm.



Coralliophaga lithophagella (Lamarck,1819)
Stirone, Emilia Romagna, Italy
Plaisancian, Pliocene, Tertiary
Colno 39793, 12 mm.

CORBICULOIDEA



Ceratomyopsis striata (Orbigny,1822) mold
Chemilli, Basse-Normandie, France
Callovian, Dogger, Jurassic
Colno 51076, 33 mm.



Corbicula brongniarti (Basterot,1824)
Leogeats, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 13234, 62 mm.



Corbicula semistriata (Deshayes 1831)
Gau-Weinheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62273, 44 mm.



Corbicula sirena (Brongniart,1823)
Pino d'Asti, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 39859, 41 mm.



Polymesoda convexa (Brongniart,1822)
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 26682, 22 mm.



Polymesoda distincta Deshayes,1857
Le Limon, Ile-de-France, France
Bartonian, Eocene, Tertiary
Colno 447, 28 mm.

VENEROIDEA 01



Antigona rugatina (Heilprin,1887)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 40218, 63 mm.



Kuia vellicata (Hutton,1873)
Haugh's Quarry, S.Canterbury, New Zealand
Waitakian, Miocene, Tertiary
Colno 57502, 31 mm.



Marama hurupiensis Marwick,1927
Putangirua, Wairarapa Region, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 57832, 53 mm.



Melosia staminea (Conrad,1839)
Chesapeake Beach, Maryland, USA
Choptank Formation, Miocene, Tertiary
Colno 60767, 25 mm.



Periglypta etheridgei Pritchard,1903
Fishermans-steps, Victoria, Australia
Janjukian, Oligocene, Tertiary
Colno 55810, 70 mm.



Ventricolaria ucuttana (Dall,1903)
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 29299, 21 mm.



Venus allporti (Tenison Woods,1876)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62135, 29 mm.



Venus multilamella multilamella (Lamarck,1818)
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 52338, 40 mm.

VENEROIDEA 02



Venus plicata Gmelin, 1790
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 21766, 65 mm.



Gafrarium pectinatum (Linnaeus, 1758)
 Zahabia, Hurghada, Red Sea, Egypt
 Not in situ, Pleistocene, Quaternary
 Colno 44317, 48 mm.



Gouldia minima (Montagu, 1803)
 Miste, Gelderland, Netherlands
 Formation of Aalten, Miocene, Tertiary
 Colno 36236, 8 mm.



Sunetta effosa (Hanley, 1843)
 El Dahar, Hurghada, Red Sea, Egypt
 Not in situ, Pleistocene, Quaternary
 Colno 44287, 38 mm.



Anomalocardia caloosana (Dall, 1900)
 Davis Excavating, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 22551, 26 mm.



Bassina parva Marwick, 1927
 Rangitikei R., Manawatu-Wanganui, New Zealand
 Nukumaruan, Pliocene, Tertiary
 Colno 57400, 24 mm.



Chamelea gallina (Linnaeus, 1758)
 Stirone, Emilia Romagna, Italy
 Plaisancian, Pliocene, Tertiary
 Colno 39748, 32 mm.



Chione ambigua (Rovereto, 1900)
 Moulin de Gamachot, Aquitaine, France
 Aquitanian, Miocene, Tertiary
 Colno 14659, 75 mm.

VENEROIDEA 03



Chione cainozoica (Tenison Woods, 1877)
Fossil Beach, Victoria, Australia
Balcombian, Miocene, Tertiary
Colno 56525, 31 mm.



Chione casinooides (Basterot, 1825)
Várpalota, Közép-Dunántúl, Hungary
Badenian/Burdigalian, Miocene, Tertiary
Colno 31006, 22 mm.



Chione compta (Broderip, 1835)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58953, 54 mm.



Chione glyptocyma Dall, 1903
Okaloosa County, Florida, USA
Oak Grove Sand, Miocene, Tertiary
Colno 59669, 28 mm.



Chione latilirata (Conrad, 1841)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15586, 37 mm.



Chione picta Willett, 1944
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43749, 9 mm.



Chione pygmaea (Lamarck, 1818)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15814, 11 mm.



Clausinella fasciata (Costa, 1778)
Fabrica, Vila Real de S. António, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21610, 23 mm.



Clausinella fasciata (Costa,1778)
 Stirone, Emilia Romagna, Italy
 Plaisancian, Pliocene, Tertiary
 Colno 39802, 16 mm.



Clausinella subroborata Tate,1887
 McDonald Bank, Victoria, Australia
 Kalimnan Stage, Pliocene, Tertiary
 Colno 25727, 25 mm.



Mercenaria campechiensis (Gmelin,1791)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15426, 138 mm.



Mercenaria langdoni (Dall,1900)
 Alum Bluff, Florida, USA
 Chipola Formation, Miocene, Tertiary
 Colno 59626, 88 mm.



Novathaca euglypta (Sowerby,III,1914)
 Saigou, Tateyama, Chiba, Japan
 Numa Coral Formation, Holocene, Quaternary
 Colno 35191, 42 mm.



Placamen placidum (Philippi,1844)
 Hampton, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34917, 42 mm.



Tawera lagopus (Lamarck,1818)
 Hampton, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34964, 45 mm.



Tawera spissa (Deshayes,1835)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 57116, 22 mm.

VENEROIDEA 05



Timoclea kendricki Ludbrook, 1978
Madura, Western Australia, Australia
Roe Calcarene, Pliocene, Tertiary
Colno 34907, 23 mm



Grateloupia difficilis (Basterot, 1825)
Saint-Martin-d'Oney, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 22992, 35 mm.



Meretrix erycinoides (Lamarck, 1806)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20493, 72 mm.



Meretrix gigas (Lamarck, 1818)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 38924, 123 mm.



Tivela austeniana (Maury, 1912)
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 27949, 52 mm.



Tivelina depressa (Deshayes, 1858)
Kreuzberg, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62334, 7 mm.



Transennella modesta (Sowerby, 1835)
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58988, 37 mm.



Amiantis callosa (Conrad, 1837)
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43732, 73 mm.



Callista chione (Linnaeus,1758)
Pontasso, Lombardia, Italy
Plaisancian, Pliocene, Tertiary
Colno 40487, 57 mm



Callista italica (Defrance,1818)
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 38993, 91 mm.



Callista sobrina (Conrad,1848)
Big Black River, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31259, 30 mm.



Callocardia prosayana dodona Gardner,1926
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 43680, 16 mm.



Callocardia tranquilla Deshayes, 1857
Cinqueux, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62641, 26 mm.



Cordiopsis polytropa (Anderson,1958)
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23087, 40 mm.



Dosiniopsis pseudoorbicularis Tremlett,1953
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 62217, 32 mm.



Macrocallista nimbose Lightfoot,1786
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15542, 142 mm.



Notocallista tatei (Cosmann,1920)
Fossil Bluff, Tasmania, Australia
Longfordian, Miocene, Tertiary
Colno 62114, 33 mm.



Notocallista watti Marwick,1938
Haug's Quarry, S.Canterbury, New Zealand
Waitakian, Miocene, Tertiary
Colno 57527, 29 mm.



Pelecycora brocchii (Deshayes,1836)
Akpinar, Central Anatolia, Turkey
Serravallian, Miocene, Tertiary
Colno 42312, 55 mm.



Pitar aldrichi Dockery,1982
Vicksburg, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 29329, 19 mm.



Pitar aletes Hertlein+Strong,1948
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58987, 40 mm.



Pitar circinata (Born,1780)
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28016, 35 mm.



Saxidomus giganteus Deshayes,1928
Santa Barbara County, California, USA
Pleistocene, Quaternary
Colno 54913, 76 mm.



Callistotapes vetulus genei (Michelotti,1839)
Tigliole, Piedmont Region, Italy
Astian, Pliocene, Tertiary
Colno 44765, 73 mm.



Eumarcia benhami Marwick, 1927
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 57108, 53 mm.



Eumarcia thomsoni Marwick, 1927
 Whatarangi Cliffs, Wellington Region, New Zealand
 Tongaporutuan, Miocene, Tertiary
 Colno 47069, 68 mm.



Gomphina neastartoides (Yokoyama, 1922)
 Oomori, Ota-ku, Honshu, Japan
 Kioroshi Formation, Pleistocene, Quaternary
 Colno 36566, 21 mm.



Katelaysia praecursor Ludbrook, 1978
 Madura, Western Australia, Australia
 Roe Calcarenite, Pliocene, Tertiary
 Colno 34957, 42 mm.



Paphia rhomboides (Pennant, 1777)
 Kallo, East Flanders, Belgium
 Scaldisian, Pliocene, Tertiary
 Colno 14464, 54 mm.



Ruditapes largillierti (Philippi, 1847)
 Castlecliff, Wanganui, New Zealand
 Castlecliffian, Pliocene, Tertiary
 Colno 35757, 48 mm.



Tapes aenigmaticus Fischer+Tournouer, 1874
 Cacela, Algarve, Portugal
 Tortonian, Miocene, Tertiary
 Colno 20502, 83 mm.



Venerupis astensis (Bonelli, 1827)
 San Miniato, Tuscany, Italy
 Astian, Pliocene, Tertiary
 Colno 39069, 65 mm.

VENEROIDEA 09



Venerupis galactites (Lamarck,1818)
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34914, 56 mm.



Dosinia chipolana Dall,1903
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59303, 51 mm.



Dosinia cottoni Marwick,1927
Whatarangi Point, Wellington Region, New Zealand
Tongaporutuan, Miocene, Tertiary
Colno 47079, 45 mm.



Dosinia elegans Conrad,1846
Apac Quarry , Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15606, 93 mm.



Dosinia grata Deshayes,1853
Madura, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34913, 40 mm.



Dosinia orbicularis (Agassiz,1845)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 38928, 98 mm.



Clementia grayi Dall,1900
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59304, 48 mm.



Compsomyax oregonensis (Conrad, 1848)
San Mateo Co, California, USA
Merced Formation, Pliocene, Tertiary
Colno 54911, 75 mm.

VENEROIDEA 10



Cyclinella tenuis (Recluz,1852)
North New River Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16891, 26 mm,



Parastarte triquetra (Conrad,1846)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15882, 3 mm.



Plesiastarte crenulata Deshayes 1857
Cauroy, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61117, 2 mm.



Mysia undata (Pennant,1777)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48327, 30 mm.



Petricola caimitica Maury,1917
Rio Gurabo, Cibao Valley, Dominican Republic
Gurabo Formation, Pliocene, Tertiary
Colno 28483, 5 mm.



Petricola charapota Olsson,1961
Boca Chica, Isla Margarita, Venezuela
Plio/Pleistocene, Tertiary
Colno 58422, 28 mm.



Petricola lucasana Hertlein+Strong,1948
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 58884 27 mm.



Petricola pholadiformis Lamarck,1818
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15582, 27 mm.

MYOIDEA 1



Mya ezonis (Kuroda+Habe)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36620, 54 mm



Mya truncata gudmunduri Strauch, 1972
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14509, 70 mm.



Tugonia ornata (Basterot, 1825)
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21576, 30 mm.



Tugonia anatina (Gmelin, 1791)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51700, 34 mm.



Cryptomya californica (Conrad, 1837)
Orange County, California, USA
Palos Verdes Sands, Pleistocene, Quaternary
Colno 43748, 25 mm.



Sphenia hungarica Papp, 1897
Gánt, Middle-Transdanubia, Hungary
Lutetian, Eocene, Tertiary
Colno 26072, 6 mm.



Anisocorbula venusta (Gould, 1861)
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36579, 11 mm.



Bothrocorbula radiatula Dall, 1898
Okaloosa County, Florida, USA
Oak Grove Sand, Miocene, Tertiary
Colno 59696, 13 mm..

MYOIDEA 2



Bothrocorbula viminea (Guppy, 1866)
Rio Cana, Cibao Valley, Dominican Republic
Cercado Formation, Pliocene, Tertiary
Colno 28052, 17 mm.



Corbula engonata Conrad, 1848
Big Black River, Mississippi, USA
Byram Formation, Oligocene, Tertiary
Colno 31266, 8 mm.



Corbula esmeralda Olsson, 1961
Cocalita, Puntarenas, Costa Rica
Montezuma Formation, Plio/Pleistocene, Tertiary
Colno 59065, 21 mm.



Corbula obovata Koenen
Rybalsky Quarry, Dnipropetrovsk Oblast, Ukraine
Priabonian, Eocene, Tertiary
Colno 61398, 12 mm.



Corbula waltonensis Gardner, 1928
Farley Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59470, 10 mm.



Corbula zelandica Quoy+Gaimard, 1835
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35812, 16 mm.



Bicornbula idonea (Conrad, 1838)
Camp Roosevelt, Maryland, USA
Calvert Formation, Miocene, Tertiary
Colno 35323, 27 mm.



Caryocorbula auroraensis Ward+Blackwelder, 1987
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60817, 14 mm.

MYOIDEA 3



Caryocorbula whitfieldi Dall, 1898
Okaloosa County, Florida, USA
Oak Grove Sand, Miocene, Tertiary
Colno 59697, 7 mm.



Cuneocorbula pelseneeri Glibert+Poel, 1966
Chalons sur Vesle, Hurgada, France
Thanetian, Paleocene, Tertiary
Colno 28169, 7 mm.



Notocorbula humerosa Hutton, 1885
Sisters Creek, S. Canterbury, New Zealand
Waitakian, Miocene, Tertiary
Colno 57594, 14 mm.



Notocorbula rugosa Lamarck, 1806
Brasles, Picardie, France
Priabonian, Eocene, Tertiary
Colno 62204, 9 mm.



Tenuicorbula anatina Lamarck, 1806
Dudar, Bakony, Hungary
Lutetian, Eocene, Tertiary
Colno 24908, 13 mm.



Varicorbula gibba (Olivi, 1792)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 47689, 11 mm.



Caestocorbula longirostra (Deshayes)
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62410, 17 mm.



Caestocorbula obliquata Deshayes, 1857
Abbecourt, Picardie, France
Thanetian, Paleocene, Tertiary
Colno 38875, 12 mm.

MYOIDEA 4, GASTROCHAENOIDEA.



Caestocorbula regulbiensis Morris, 1854
Bièvres, Picardie, France
Cuisian, Eocene, Tertiary
Colno 61025, 14 mm.



Lentidium complanatum (Sowerby, J., 1822)
Antwerp, Belgium
Scaldisian, Pliocene, Tertiary
Colno 53385, 11 mm.

GASTROCHAENOIDEA



Gastrochaena defrancii Deshayes, 1856
Baron, Picardie, France
Bartonian, Eocene, Tertiary
Colno 23236, 7 mm.



Gastrochaena dubia (Pennant, 1777)
Baldichieri, Piedmont, Italy
Astian, Pliocene, Tertiary
Colno 39341, 22 mm.



Gastrochaena hians (Gmelin, 1791)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15833, 15 mm.



Gastrochaena rauliniana Deshayes, 1856
Eckelsheim, Rheinland-Pfalz, Germany
Rupelian, Oligocene, Tertiary
Colno 62412, 4 mm.



Gastrochaena longirostra (Deshayes)
Ten Mile Creek, Florida, USA
Chipola Formation, Miocene, Tertiary
Colno 59339, 9 mm.



Spengleria rostrata (Spengler, 1783)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 35564, 43 mm.

HIATELLOIDEA



Cyrtodaria angusta (Nyst+Westendorp,1839)
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48431, 76 mm.



Hiatella arctica (Linnaeus,1767)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 35811, 14 mm.



Panopea faujasi Menard,1807
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 20362, 175 mm.



Panopea floridana Heilprin,1887
Warren Brothers Pit, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 392, 150 mm.



Panopea glycimeris (Born,1778)
Kallo, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 14439, 132 mm.



Panopea intermedia Sowerby J.,1814
Le Guepelle, Ile-de-France, France
Bartonian, Eocene, Tertiary
Colno 6610, 41 mm.



Panopea meynardi Deshayes,1828
Rheinberg, Nordrhein Westfalen, Germany
Chattian, Oligocene, Tertiary
Colno 55214, 57 mm.



Panopea rudolphi (Eichwald,1830)
Salles, Aquitaine, France
Serravalian, Miocene, Tertiary
Colno 13169, 142 mm.

PHOLADOIDEA 1



Barnea similis (Gray, 1835)
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57180, 62 mm.



Cyrtopleura costata (Linnaeus, 1758)
Murdoch Pit, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 30028, 198 mm.



Pholas species
Lee Creek Mine, North Carolina, USA
James City Formation, Pleistocene, Quaternary
Colno 60800, 70 mm.



Aspidopholas branderi (Basterot, 1825)
Le Houga, Midi-Pyrénées, France
Langhian, Miocene, Tertiary
Colno 13195, 25 mm.



Martesia aperta Deshayes, 1824
Baron, Picardie, France
Bartonian, Eocene, Tertiary
Colno 27, 8 mm.



Martesia delecta Deshayes, 1856
Courcelles, Champagne-Ardenne, France
Thanetian, Paleocene, Tertiary
Colno 61047, 19 mm.



Martesia ovalis (Say, 1820)
Apac Quarry, Florida, USA
Tamiami Formation, Pliocene, Tertiary
Colno 15835, 16 mm.



Martesia scutata Deshayes, 1824
Chavençon, Picardie, France
Bartonian, Eocene, Tertiary
Colno 18216, 17 mm.

PHOLADOIDEA 2, HIPPURITOIDEA



Parapholas aucklandica Powell, 1938
Glenafric, N. Canterbury, New Zealand
Waiauan, Miocene, Tertiary
Colno 57897, 29 mm.



Penitella penita (Conrad, 1837)
Point Año Nuevo, California, USA
Merced Formation, Pliocene, Tertiary
Colno 54914, 107 mm.



Teredina personata Lamarck, 1806
Pourcy, Champagne-Ardenne, France
Sparnacian, Eocene, Tertiary
Colno 6609, 38 mm.



Dicerias arietinum Fraas, 1910 Mold
Mortagne-au-Perche, Basse-Normandie, France
Oxfordian, Malm, Jurassic
Colno 60340, 31 mm.



Requienia ammonia (Goldfuss, 1840)
Orgon, Provence-Alpes-Côte d'Azur, France
Cretaceous
Colno 47717, 123 mm.



Paramonopleura ucrainica Korobkov+Makar., 1968
Luzanovka, Black Sea, Ukraine
Selandian, Paleocene, Tertiary
Colno 61567, 9 mm.



Caprina adversa Orbigny, 1822
Isle d'Oleron, Poitou-Charentes, France
Cenomanian, Cretaceous
Colno 39675, 330 mm.



Hippurites radiosus Desmoulins, 1826
Baignes, Poitou-Charentes, France
Maastrichtian, Cretaceous
Colno 35374, 240 mm.



Pholadomya alpina Mathéron, 1842
Moulin de Gamachot, Aquitaine, France
Aquitanian, Miocene, Tertiary
Colno 13894, 115 mm.



Pholadomya gigantea (Sowerby, J. in Fitton, 1836)
Quinson, Provence-Alpes-Côte d'Azur, France
Cretaceous
Colno 51028, 85 mm.



Pholadomya puschi Godfuss, 1837
Akpınar, Central Anatolia, Turkey
Serravallian, Miocene, Tertiary
Colno 42310, 76 mm.



PANDOROIDEA

Thracia altenai Glibert+Van de Poel, 1966
Deurganckdok, East Flanders, Belgium
Scaldisian, Pliocene, Tertiary
Colno 48394, 46 mm.



Thracia convexa (Wood, 1815)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21560, 36 mm.



Thracia grignonensis Deshayes, 1857
Le Guepelle, Ile-de-France, France
Bartonian, Eocene, Tertiary
Colno 43554, 19 mm.



Thracia pubescens (Pulteney, 1799)
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21588, 40 mm.



Periplomya cochlearis (Hinds, 1844)
Hurghada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44245, 32 mm.

PANDOROIDEA 2



Periploma planiusculum Sowerby, G.B.1, 1834
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15855, 30 mm.



Cochloidesma complanatum Wood, 1857
 Kallo, Beveren, East Flanders, Belgium
 Scaldisian, Pliocene, Tertiary
 Colno 14468, 25 mm.



Lyonsia beana (Orbigny, 1842)
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15832, 26 mm.



Phlyctiderma lucinoides Deshayes, 1825
 Le Guepelle, Ile-de-France, France
 Bartonian, Eocene, Tertiary
 Colno 52678, 18 mm.



Pandora dodona Dall, 1903
 Okaloosa County, Florida, USA
 Oak Grove Sand, Miocene, Tertiary
 Colno 59687, 11 mm.



Pandora pulchella Yokoyama, 1926
 Okuwa, Ishikawa, Japan
 Omma Formation, Pleistocene, Quaternary
 Colno 37551, 46 mm.



Pandora trilineata Say, 1822
 Apac Quarry, Florida, USA
 Tamiami Formation, Pliocene, Tertiary
 Colno 15827, 21 mm.



Pandora cochlearis (Hinds, 1844)
 Kai Iwi Beach, Wanganui, New Zealand
 Castlecliffian, Pleistocene, Quaternary
 Colno 57324, 15 mm.

PANDOROIDEA 3, CLAVAGELLOIDEA 1



Myadora fluctuosa Gould, 1861
Okuwa, Ishikawa, Japan
Omna Formation, Pleistocene, Quaternary
Colno 37544, 14 mm.



Myadora novaezelandiae Smth, E.A., 1880
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pliocene, Tertiary
Colno 57185, 11 mm.



Myadora pervalida Cotton, 1931
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34909, 30 mm.



Myadora stephaniae Carter, 1972
Gladstone, Carterton District, New Zealand
Nukumaruian, Pleistocene, Quaternary
Colno 57274, 32 mm.

CLAVAGELLOIDEA



Cleidothaerus albidus (Lamarck, 1819)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 34836, 71 mm.



Clavagella bacillum (Brocchi, 1814)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 30113, 108 mm.



Clavagella oblita Michelotti, 1861
Eger, Heves, Hungary
Egerian, Oligocene, Tertiary
Colno 23096, 55 mm.



Penicillus veitchi (Smith, 1971)
Hampton, Western Australia, Australia
Roe Calcarenite, Pliocene, Tertiary
Colno 58238, 58 mm.

POROMYOIDEA, CUSPIDARIINA 1



Mioporomya taurinensis Sacco, 1901
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 51802, 18 mm.



Poromya neaeroides Seguenza, 1876
Miste, Gelderland, Netherlands
Formation of Aalten, Miocene, Tertiary
Colno 36233, 9 mm.

CUSPIDARIINA



Cardiomya costellata Deshayes, 1835
Heist op den Berg, Antwerp, Belgium
Burdigalian, Miocene, Tertiary
Colno 17754, 5 mm.



Cuspidaria cochlearella Deshayes, 1824
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62147, 3 mm.



Cuspidaria cuspidata (Olivi, 1791)
Bonares, Andalucia, Spain
Arenas de Bonares F., Pliocene, Tertiary
Colno 17324, 9 mm.



Cuspidaria dissociata Sturany, 1899
El Dahar, Hurgada, Red Sea, Egypt
Not in situ, Pleistocene, Quaternary
Colno 44309, 13 mm.



Cuspidaria dumasi Cossmann+Peyrot, 1909
Fabrica, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21642, 10 mm.



Cuspidaria ligula Yokoyama, 1922
Semata, Chiba, Japan
Semata Formation, Pleistocene, Quaternary
Colno 36540, 7 mm.

CUSPIDARIINA 2



Cuspidaria morelandi Dell, 1956
Castlecliff, Wanganui, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57285, 6 mm.



Cuspidaria rostrata (Spengler, 1792)
Cacela, Algarve, Portugal
Tortonian, Miocene, Tertiary
Colno 21794, 18 mm.



Cuspidaria scabrata Olsson+Harbison, 1953
Miami Canal, Florida, USA
Okeechobee Formation, Pleistocene, Quaternary
Colno 16562, 11 mm..



Cuspidaria victoriae Melville, 1843
Attichy, Picardie, France
Cuisian, Eocene, Tertiary
Colno 62146, 13 mm.



Cuspidaria willetti Fleming, 1948)
Wanganui, Manawatu, New Zealand
Castlecliffian, Pleistocene, Quaternary
Colno 57210, 25 mm.



Haliris quadrangularis (Aldrich, 1903)
Shubuta, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41355, 8 mm.



Kurinuia areolata (Marshall, 1919)
Hampden Beach, Otago Region, New Zealand
Bortonian, Eocene, Tertiary
Colno 57877, 15 mm.



Verticordia dalliana Aldrich, 1903
Hiwannee, Mississippi, USA
Red Bluff Formation, Oligocene, Tertiary
Colno 41412 3 mm.

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