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# Cenozoic Molluscan types from Java (Indonesia) in the Martin Collection (Division of Cenozoic Mollusca), National Museum of Natural History, Leiden

**L.W. van den Hoek Ostende, J. Leloux, F.P. Wesselingh & C.F. Winkler Prins**

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Key words: Mollusca, Cenozoic, types, Indonesia, Java, Martin Collection.
An inventory of type material in the 'Martin Collection' at the Division of Cenozoic Mollusca of the National Museum of Natural History, Leiden, The Netherlands has been made. In total 1842 lots containing over 5700 type specimens of 912 species were encountered. The status of the types is outlined.

## Contents



## Introduction

In the last decades of the 19th century and the first half of the 20th century, important collections of fossil molluscs were brought together in the former Dutch East Indies, (currently Indonesia) that are now part of the collections of the National Museum of Natural History, Leiden. From 1878 until 1941 Professor K. Martin investigated the material and published an extensive series of papers and monographs. He described many new species, most of which were based on specimens currently housed in the Leiden Museum. Many other researchers have worked with material from the Martin Collection since then, increasing the number of type lots in this collection to nearly 2000. Aim of this work is to catalogue these types and to elucidate their status.

Johann Karl Ludwig Martin (1851-1942) became the first professor of geological sciences in Leiden in 1877. A year later the collections were entrusted to him, which eventually led to founding of Rijksmuseum van Geologie en Mineralogie (RGM) in 1880 (van Regteren Altena, 1946). In the collections of this museum he discovered a number of fossil molluscs from Java that had been collected by F. Junghuhn and that had erroneously been labelled 'Petrifications from the vicinity of Aken'. Martin described the material from the Junghuhn collection in 'Die Tertiärschichten auf Java', which was published in 1879**.** Junghuhn 'localities', indicated by a one letter-code, comprise general areas in which the fossils were collected rather than localities in the modern sense (e.g. Junghuhn locality K = the west of Cidamar). The main conclusion of 'Die Tertiärschichten' was that the Tertiary faunas from Indonesia were very different from those of Europe, and are more related to the Recent faunas of the Indian Ocean. This completely new fauna intrigued Martin so much, that he devoted most of his scientific life on the fossil molluscs of Indonesia. During the course of this research, he described a large number of new species.

The fossil molluscs collected by Junghuhn formed the starting point for the Martin collection. In the last two decades of the nineteenth century, the collection was enlarged mainly by two mining engineers who worked on Java, P. van Dijk and R.D.M. Verbeek (Escher, 1931). The material collected by van Dijk was mostly derived from boreholes. Martin described this material in Paläontologische Ergebnisse von Tiefbohrungen auf Java (1883-1887). On the basis of the various collections, Martin started a large taxonomical review of the fossils from Java: 'Die Fossilien von Java'. First, he described the Gastropoda (1891-1906) followed by the Bivalvia (1909-1910). Since Martin considered the stratigraphical data provided by Verbeek imprecise, he decided to collect on Java in order to clarify the stratigraphical context of the fauna himself. Together with his second wife, H. Martin-Icke, he made a

six-month field-trip on Java in 1910. Among the localities that were sampled were the Upper Eocene Nanggulan Beds and Upper Miocene deposits of the West Progo Mountains. Mrs Martin-Icke, a former student of Martin, helped in the scientific description of the material from these localities, which were described in 'Die Fauna des Obereocäns von Nanggulan auf Java' (1914-1915) and 'Die Altmiocäne Fauna des West-Progogebirges auf Java' (1916-1917).

All collections discussed above are stored in the so-called Martin Collection. Thus this collection contains material almost exclusively from Java (some of the van Dijk material derives from Timor). The Java collections are not the only ones obtained for the museum by Martin. Through his contacts in the former Dutch Indies he received material from various other islands of the Indonesian archipelago. However, these collections, on which Martin published a large number of papers, are stored separately in the museum. This catalogue applies only to the Martin Collection.

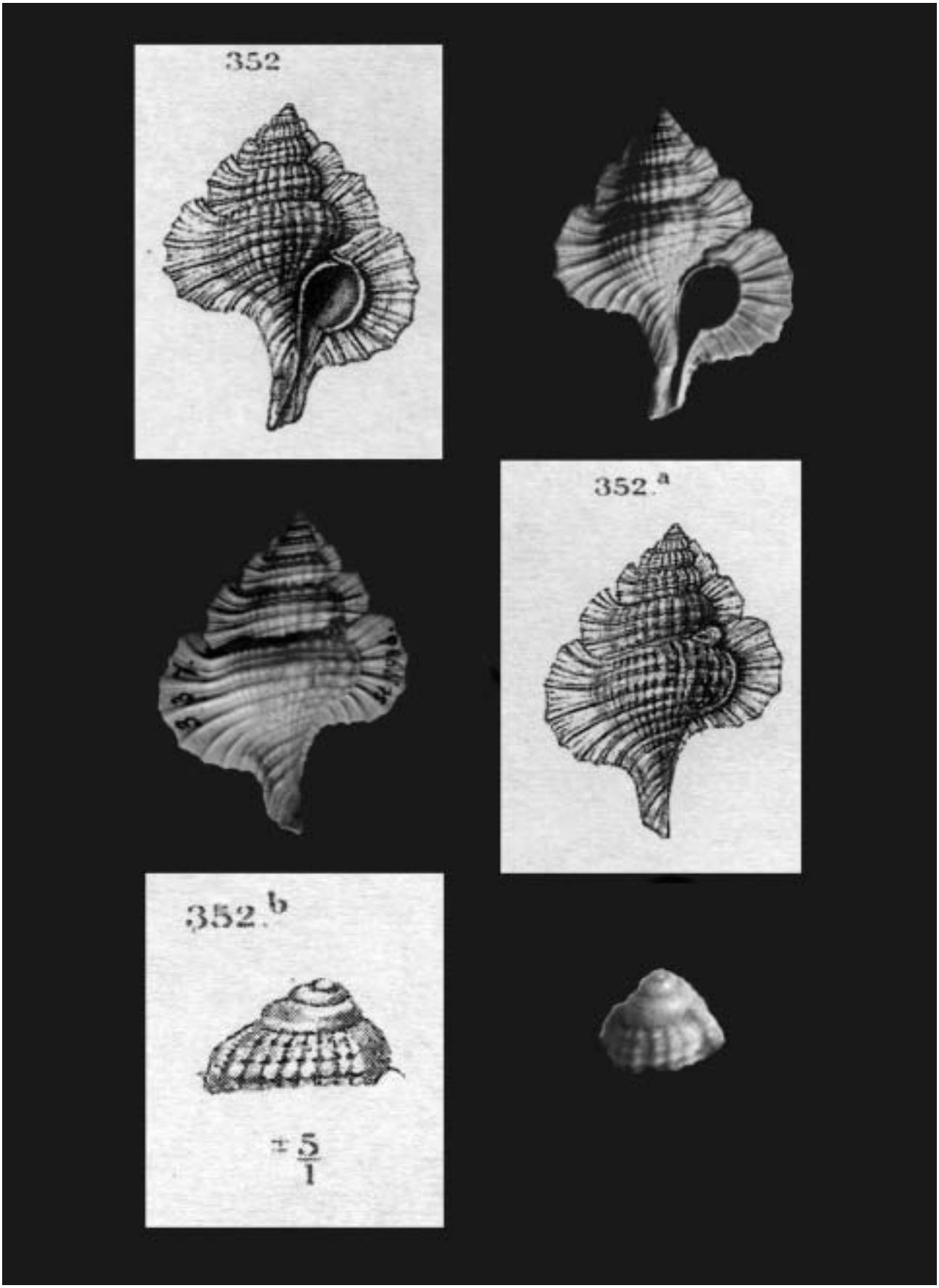
A first inventory of the species described by Martin was made by van der Vlerk (1931: 208-288). In the same volume Krijnen (1931: 509-551) made an inventory of the most important fossil localities from which material was investigated by Martin. The exact whereabouts of many of the locations are not sufficiently known. Below an index on fossil localities is given that contains information from the labels and the original publications. This index is far from being perfect. Material from the Martin collection has been surveyed by various taxonomists, including Schilder (1927-1942), van Benthem Jutting (1937), Beets (1941-1986), and Shuto (1969-1982). Only recently, Skwarko (1994), Skwarko et al. (1994) and Skwarko & Sufiati (1994) published an overview of Mollusca in Indonesian Cenozoic Biostratigraphy, containing a nearly complete revision of the Martin Collection. In the last 15 years, the Martin Collection has increasingly served as a base for taxonomical revisions of mainly extant groups (e.g. Beu & Kay, 1988; Cernohorsky, 1984; Vermeij, 1998; 1999). The work of Skwarko & Sufiati, as well as others, has shown the importance of the Martin Collection, but also have contributed to numerous questions about the status and location of the types in the Martin Collection. This work aims to elucidate the status of the types, and is based on an inventory made by L.W. van den Hoek Ostende and J. Leloux in the light of a 'Post-Delta Registration Campaign' in the Martin collection during 1996-1998 (see for an explanation of the status of the 'Delta registration project' van den Hoek Ostende et al., 1997). The availability and status of types is discussed, in order to contribute to researchers that are working or will work in the future with Neogene molluscan material from SE Asia in general, and material from the Martin Collection in particular.

## How to use this catalogue

Each of the records in the 'Systematical list' below starts with the current name. Species names are based on the most recent literature (most notably Skwarko, 1994 and Skwarko & Sufiati, 1994), unless otherwise stated. For the supraspecific classification we follow Vaught (1989) unless otherwise stated. The current name is followed by a synonymy. The original names used by Martin are followed literally, including the use of capital letters for the specific epitethon, etc. The synonymy is followed by the status and availability of the types, occasionally concluded with some remarks. If a single sample is considered as a type for various taxa (e.g. when it is assigned a nomen novum, or when a sample is split and specimens are assigned to different taxa by authors), the listing is repeated for all these taxa. When comparing the original descriptions of the taxa with the encountered amount of type specimens, a large amount of syntype specimens, especially in large type-series, were not recovered. For some taxa, the amount of syntype specimens was found to be very large, and not all of these were recorded, given the limited time available for this project. It is well possible that part of the missing syntype material has been exchanged with other researchers and institutes, a habit quite common in the times of Martin. This inventory is based on literature and collection data, and does not contain systematic revisions of the material as a result of new research. We are aware that many of the data are in need of revision, and invite colleagues to provide us with emendations and additions.

## Abbreviations

| | |
|---|---|
| GI-UVA | former Geological Institute, University of Amsterdam, The Netherlands |
| GRDC | Geology Research and Development Centre, Bandung, Indonesia |
| IVA-UU | Instituut voor Aardwetenschappen, University of Utrecht, Utrecht, The Netherlands |
| RGM | National Museum of Natural History, Leiden, The Netherlands (formerly Rijksmuseum van Geologie en Mineralogie) |
| UPN | Unknown University in Yogyakarta, Indonesia |




*Apollon (Biplex) pamotanensis* (Martin, 1899) RGM 9936. Figured syntype and the original illustrations of *Ranella (Biplex) pamotanensis* Martin, 1899 (pl. 23, figs 352, 352a-b).

## Gastropoda

Subclass Prosobranchia
Order Archaeogastropoda
Superfamily Patelloidea
Family Patellidae
Subfamily Patellinae
Genus *Patella*
*Patella deformis* Martin, 1882

*Patella deformis* Martin, 1882: 236, pl. 11, fig. 31.
*Patella deformis* Martin – van der Vlerk, 1931: 265.
*Patella deformis* Martin – Skwarko & Sufiati, 1994: a3.

Syntypes of *Patella deformis* Martin, 1882, leg.: R.D.M. Verbeek, loc.: Citaon, strat.: Neogene (RGM 11648: 3 specimens).

*Patella hochstetteri* Martin, 1879

*Patella Hochstetteri* Martin, 1879: 86, pl. 12, fig. 10.
*Patella hochstetteri* Martin – van der Vlerk, 1931: 265.
*Patella hochstetteri* Martin – Skwarko & Sufiati, 1994: a3.

Holotype of *Patella Hochstetteri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11649).

*Patella reussi* Martin, 1879

*Patella Reussi* Martin, 1879: 87, pl. 12, fig. 9.
*Patella reussi* Martin – van der Vlerk, 1931: 265.
*Patella reussi* Martin – Skwarko & Sufiati, 1994: a4.

Syntypes of *Patella Reussi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11650: 2 specimens).

Superfamily Trochoidea
Family Trochidae
Subfamily Trochinae
Genus *Trochus*
Subgenus *Trochus*
*Trochus* (*Trochus*) *bomasensis* Martin, 1916

*Trochus* (*s. str.*) *bomasensis* Martin, 1916: 261, pl. 3, fig. 90.
*Trochus bomasensis* Martin – van der Vlerk, 1931: 263.
*Trochus* (*Trochus*) *bomasensis* Martin – Skwarko & Sufiati, 1994: a19.

Syntypes of *Trochus* (*s. str.*) *bomasensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 11569: 1 specimen); leg.: K. Martin (RGM 46982: 1 specimen).

*Trochus* (*Trochus*) *jujubiniformis* Martin, 1884

*Trochus* (*Eotrochus*) *jujubiniformis* Martin, 1884: 177, pl. 9, fig. 177.
*Trochus* (*s.str.*) *jujubiniformis* Martin var – Martin, 1905: 277.
*Trochus jujubiniformis* Martin – van der Vlerk, 1931: 263.
*Trochus* (*Trochus*) *jujubiniformis* Martin – Skwarko & Sufiati, 1994: a19.

Holotype of *Trochus* (*Eotrochus*) *jujubiniformis* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Middle Eocene (RGM 11563).

*Trochus* (*Trochus*) *neglectus* Martin, 1905

*Trochus virgatus* Gmel. – Martin, 1879: 73.
*Trochus* (*s. str.*) *neglectus* Martin, 1905: 278, pl. 41, fig. 668.
*Trochus neglectus* Martin – Martin, 1911: 52.
*Trochus neglectus* Martin – van der Vlerk, 1931: 264.
*Trochus* (*Trochus*) *neglectus* Martin – Skwarko & Sufiati, 1994: a20.

Syntypes of *Trochus* (*s. str.*) *neglectus* Martin, 1905, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 11564: 2 specimens).

Subgenus *Trochus* (*Praecia*)
*Trochus* (*Praecia*) *sondeianus* Martin, 1905

*Trochus* (*Praecia*) *sondeianus* Martin, 1905: 279, pl. 41, fig. 670.
*Trochus sondeianus* Martin – van der Vlerk, 1931: 264.
*Trochus* (*Praecia*) *sondeianus* Martin – Skwarko & Sufiati, 1994: a18.

Holotype of *Trochus* (*Praecia*) *sondeianus* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 11573).

Subgenus unknown
*Trochus woodwardi* Martin, 1882

*Trochus Woodwardi* Martin, 1882: 235, pl. 11, fig. 30.
*Trochus woodwardi* Martin – van der Vlerk, 1931: 264.
*Trochus woodwardi* Martin – Skwarko & Sufiati, 1994: a16.

Holotype of *Trochus Woodwardi* Martin, 1882, leg.: R.D.M. Verbeek, loc.: Ci Longgan, strat.: Upper Miocene (RGM 11571).

Genus *Tectus*
Subgenus *Tectus* (*Tectus*)
*Tectus* (*Tectus*) *martini* (Pannekoek, 1936)

*Trochus* (*Tectus*) *martini* Pannekoek, 1936: 61, pl. 3, fig. 42.
*Tectus* (*Tectus*) *martini* Pannekoek – Skwarko & Sufiati, 1994: a14.

Holotype of *Trochus* (*Tectus*) *martini* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 11585).

*Tectus* (*Tectus*) *pyramis tjilonganensis* (Martin, 1905)

*Trochus* (*Tectus*) *tjilonganensis* Martin, 1905: 279, pl. 41, fig. 669.
*Trochus* (*Tectus*) *tjilonganensis* Martin – Tesch, 1920: 74.
*Trochus tjilonganensis* Martin – van der Vlerk, 1931: 264.
*Trochus tjilonganensis* Martin – von Kutassy, 1934: 316.
*Tectus* (*Tectus*) *pyramis tjilonganensis* (Martin) – Beets, 1981b: 19.
*Tectus* (*Tectus*) *pyramis tjilonganensis* (Martin) – Skwarko & Sufiati, 1994: a14.

Holotype of *Trochus* (*Tectus*) *tjilonganensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 11570).

Subfamily Calliostomatinae
Genus *Calliostoma*
*Calliostoma butacianum* (Martin, 1905)

*Trochus* (*Calliostoma*) *butacianus* Martin, 1905: 280, pl. 41, fig. 672.
*Trochus butacianus* Martin – Martin, 1912: 159.

*Calliostoma butacianum* Martin – van der Vlerk, 1931: 263.
*Calliostoma butacianus* Martin – Skwarko & Sufiati, 1994: a6.

Holotype of *Trochus* (*Calliostoma*) *butacianus* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 11631).

Subfamily Gibbulinae
Genus *Gibbula*
Subgenus *Gibbula* (*Colliculus*)
*Gibbula* (*Colliculus*) *njalindungensis* Martin, 1922

*Gibbula* (*Colliculus*) *njalindungensis* Martin, 1922: 476, pl. 60, fig. 84.
*Gibbula njalindungnensis* Martin – van der Vlerk, 1931: 263.
*Gibbula* (*Colliculus*) *njalindungensis* Martin – Shuto, 1969: 51.
*Gibbula* (*Colliculus*) *njalindungensis* Martin – Skwarko & Sufiati, 1994: a8.

Syntypes of *Gibbula* (*Colliculus*) *njalindungensis* Martin, 1922, collector unknown, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 11629: 7 specimens); leg.: H. Martin-Icke (RGM 11628: 1 specimen, RGM 46969: 2 specimens).

Subgenus unknown
*Gibbula nodifera* (Martin, 1884)

*Trochus* (*Gibbula*) *nodifer* Martin, 1884: 180, pl. 9, fig. 175.
*Gibbula nodifera* Martin – van der Vlerk, 1931: 263.
*Gibbula nodifer* [sic] Martin – Skwarko & Sufiati, 1994: a7.

Syntypes of *Trochus* (*Gibbula*) *nodifer* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 60-70 m, strat.: Upper Miocene (RGM 11626: 2 specimens).

Subfamily Monodontinae
Genus *Monodonta*
Subgenus *Monodonta* (*Monodonta*)
*Monodonta* (*Monodonta*) *junghuhni* (Martin, 1906)

*Trochus* (*Monodonta*) *Junghuhni* Martin, 1906: 323, pl. 45, fig. 749.
*Monodonta junghuhni* Martin – van der Vlerk, 1931: 26263.
*Monodonta* (*Monodonta*) *junghuhni* Martin – Skwarko & Sufiati, 1994: a10.

Holotype of *Trochus* (*Monodonta*) *Junghuhni* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11623).

Subgenus unknown
*Monodonta hardi* (Martin, 1879)

*Trochus Hardi* Martin, 1879: 73, pl. 12, fig. 17.
*Monodonta hardi* Martin – van der Vlerk, 1931: 263.
*Monodonta hardi* Martin – Skwarko & Sufiati, 1994: a10.

Holotype of *Trochus Hardi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn P, strat.: Upper Miocene (RGM 11625).

Genus *Cantharidus*
*Cantharidus dijki* (Martin, 1884)

*Trochus* (*Thalotia*) *Dijki* Martin, 1884: 179, pl. 11, fig. 174.
*Cantharidus dijki* Martin – van der Vlerk, 1931: 263.
*Cantharidus dijki* (Martin) – Skwarko & Sufiati, 1994: a9.

Syntypes of *Trochus* (*Thalotia*) *Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 11622: 3 specimens).

Subfamily Solariellinae
Genus *Solariella*
Subgenus *Solariella* (*Solariella*)
*Solariella* (*Solariella*) *angsanana* (Martin, 1922)

*Eumargarita* (*Solariella*) *angsanana* Martin, 1922: 477, pl. 60, fig. 85.
*Eumargarita* (*Solariella*) *angsanana* Martin – van der Vlerk, 1931: 263.
*Solariella* (*Solariella*) *angsanana* Martin – Skwarko & Sufiati, 1994: a12.

Syntypes of *Eumargarita* (*Solariella*) *angsanana* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 11630: 2 specimens, RGM 46950: 1 specimen).

Family Skeneidae
Genus *Strepsidura*
Subgenus *Strepsidura* (*Semahana*)
*Strepsidura* (*Semahana*) *songoensis* Martin, 1914

*Strepsidura songoënsis* Martin, 1914: 140, pl. 3, figs. 68-69.
*Strepsidura* (*Semahana*) *songoensis* Martin – Martin, 1931: 23.
*Strepsidura songoënsis* Martin – van der Vlerk, 1931: 230.
*Strepsidura* (*Semahana*) *songoensis* Martin – Skwarko & Sufiati, 1994: b13.

Syntypes of *Strepsidura songoënsis* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9056: 2 specimens, RGM 47223: 1 specimen).

Subgenus unknown
*Strepsidura nanggulanensis* Martin, 1914

*Strepsidura nanggulanensis* Martin, 1914: 139, pl. 3, fig. 81.
*Strepsidura nanggulanensis* Martin – van der Vlerk, 1931: 230.
*Strepsidura nanggulanensis* Martin – Skwarko & Sufiati, 1994: b13.

Syntypes of *Strepsidura nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9051: 8 specimens); collector unknown, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9049: 1 specimen); leg.: K. Martin (RGM 9052: 13 specimens, RGM 9053: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 9050: 1 specimen, RGM 9055: 3 specimens, RGM 47200: 2 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9054: 1 specimen).

The description was based on 134 specimens.

Family Turbinidae
Subfamily Turbininae
Genus *Turbo*
*Turbo deningeri* Martin, 1916

*Turbo Deningeri* Martin, 1916: 261, pl. 3, figs. 88-89.
*Turbo deningeri* Martin – van der Vlerk, 1931: 262.
*Turbo deningeri* Martin – Skwarko & Sufiati, 1994: b5.

Syntypes of *Turbo Deningeri* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 11548: 3 specimens).

Genus *Marmarostoma*
*Marmarostoma djunggranganense* (Martin, 1916)

*Turbo* (*Senectus*) *djunggranganensis* Martin, 1916: 260, pl. 3, figs. 86-87.
*Turbo djunggranganensis* Martin – van der Vlerk, 1931: 262.
*Marmarostoma djunggranganensis* (Martin) – Skwarko & Sufiati, 1994: b8.

Syntypes of *Turbo* (*Senectus*) *djunggranganensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 11543: 2 specimens).

*Marmarostoma pamotanense* (Martin, 1905)

*Turbo* (*Senectus*) *pamotanensis* Martin, 1905: 275, pl. 50, fig. 665.
*Turbo pamotanensis* Martin – Martin, 1912: 159.
*Turbo pamotanensis* – Martin, 1928: 5.
*Turbo pamotanensis* Martin – van der Vlerk, 1931: 262.
*Turbo pamotanensis* Martin – Haanstra & Spiker, 1932: 1097.
*Turbo pamotanensis* Martin – Pannekoek, 1936: 60.
*Marmarostoma pamotanensis* (Martin) – Skwarko & Sufiati, 1994: b8.

Holotype of *Turbo* (*Senectus*) *pamotanensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 11540).

*Marmarostoma sondeianum* (Martin, 1905)

*Turbo* (*Senectus*) *sondeianus* Martin, 1905: 275, pl. 50, fig. 664.
*Turbo sondeianus* Martin – Martin, 1908: 9.
*Turbo* (*Senectus*) *sondeianus* Martin – Martin-Icke, 1911: 47.
*Turbo sondeianus* Martin – Martin, 1919: 102.
*Turbo sondeianus* – Martin, 1928: 116.
*Turbo sondeianus* Martin – van der Vlerk, 1931: 263.
*Turbo* (*Marmarostoma*) *sondeianus* Martin – van Regteren Altena, 1938: 287.
*Marmarostoma sondeianus* (Martin) – Skwarko & Sufiati, 1994: b9.

Holotype of *Turbo* (*Senectus*) *sondeianus* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 11537).

Skwarko & Sufiati (1994) incorrectly assumed that the type is in the GRDC collection in Bandung.

Subfamily Angariinae
Genus *Angaria*
Subgenus *Angaria* (*Angaria*)
*Angaria* (*Angaria*) *delphinus* (Linnaeus, 1758)

*Delphinula fossilis* Martin, 1879: 75, pl. 13, fig. 4.
*Delphinula fossilis*? Martin – Woodward, 1879: 543.
*Delphinula fossilis* Martin – Boettger, 1883: 112.
*Delphinula fossilis* Martin – van der Vlerk, 1931: 264.
*Angaria* (*Angaria*) *delphinus* (Linnaeus) – Skwarko & Sufiati, 1994: a4.

Holotype of *Delphinula fossilis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11636).

Subgenus unknown
*Angaria permodesta* (Martin, 1914)

*Delphinula permodesta* Martin, 1914: 178, pl. 6, fig. 176.
*Delphinula permodesta* Martin – Martin, 1919: 103.
*Delphinula permodesta* Martin – van der Vlerk, 1931: 264.
*Puruninella permodesta* (Martin) – Beets, 1943a: 93.
*Angaria permodesta* Martin – Piccoli & Savazzi, 1983: 36.
*Angaria permodesta* (Martin) – Skwarko & Sufiati, 1994: a4.

Syntypes of *Delphinula permodesta* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11639: 1 specimen, RGM 47197: 1 specimen).

Subfamily Astraeinae
Genus *Astraea*
Subgenus *Astraea* (*Astralium*)
*Astraea* (*Astralium*) *biserialis* (Martin, 1884)

*Trochus* (*Polydonta*) *biserialis* Martin, 1884: 178, pl. 9, fig. 173.
*Astralium biseriale* Martin – van der Vlerk, 1931: 262.
*Astraea* (*Astralium*) *biseriale* (Martin) – Skwarko & Sufiati, 1994: b1.

Holotype of *Trochus* (*Polydonta*) *biserialis* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Lower Miocene (RGM 11561).

*Astraea* (*Astralium*) *granifera* (Martin, 1884)

*Turbo (Callopoma) granifer* Martin, 1884: 184, pl. 9, fig. 178.
*Turbo granifer* Martin – van der Vlerk, 1931: 262.
*Turbo (Callopoma) granifer* Martin – Wanner & Hahn, 1935: 264.
*Astralium (Lithopoma) graniferum* (Martin) – Pannekoek, 1936: 60.
*Astraea (Astralium) granifer* (Martin) – Skwarko & Sufiati, 1994: b1.

Holotype of *Turbo* (*Callopoma*) *granifer* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Lower Miocene (RGM 11547).

Skwarko & Sufiati (1994) incorrectly indicated P. J4468 (GRDC collection, Bandung) as the type.

Genus *Guildfordia*
*Guildfordia triumphator* (Martin, 1879)

*Trochus triumphator* Martin, 1879: 72, pl. 12, fig. 8.
*Astralium triumphator* Martin – Martin, 1919: 102.
*Astralium triumphator* Martin – van der Vlerk, 1931: 262.
*Guildfordia triumphator* (Martin) – Skwarko & Sufiati, 1994: b2.

Syntypes of *Trochus triumphator* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 11560: 3 specimens).

The description was based on nine specimens.

Subfamily Liotiinae
Genus *Liotia*
*Liota angsanana* Martin, 1922

*Liota angsanana* Martin, 1922: 477, pl. 60, fig. 86.
*Liota angsanana* – Martin, 1928: 128.
*Liota angsanana* Martin – van der Vlerk, 1931: 264.
*Liota angsanana* Martin – Skwarko & Sufiati, 1994: b3.

Holotype of *Liota angsanana* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 11640).

Family Phasianellidae
Genus *Phasianella*
*Phasianella aethiopica* Philippi, 1862

*Phasianella* Teschi Martin, 1916: 260, pl. 3, fig. 84.
*Phasianella teschi* Martin – van der Vlerk, 1931: 262.
*Phasianella aethiopica* Philippi – Skwarko & Sufiati, 1994: b14.

Syntypes of *Phasianella Teschi* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 11535: 4 specimens).

Superfamily Neritoidea
Family Neritidae
Subfamily Neritinae
Genus *Nerita*
Subgenus *Nerita* (*Ritena*)
*Nerita* (*Ritena*) *sucabumiana* (Martin, 1905)

*Nerita* (*Cymostyla*) *sucabumiana* Martin, 1905: 273, pl. 40, fig. 656.
*Nerita sucabumiana* Martin – van der Vlerk, 1931: 261.
*Myegrostoma* (*Ritena*) *sucabumiana* (Martin) – Skwarko & Sufiati, 1994: b15.

Holotype of *Nerita* (*Cymostyla*) *sucabumiana* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Nyalindung, strat.: Lower Miocene (RGM 11503).

Skwarko et al. (1994: b15) regarded *Ritena* to be a subgenus of *Myegrostoma* Boehm, 1900, which they attributed to the *Neritinae*. Vaught (1989), followed here, regarded *Ritena* as a subgenus of *Nerita*.

Subgenus *Nerita* (*Pelorante*)
*Nerita* (*Pelorante*) *ickei* Martin, 1916

*Nerita* (*Peloranta*) *Ickei* Martin, 1916: 258, pl. 3, fig. 81.
*Nerita ickei* Martin – van der Vlerk, 1931: 261.
*Nerita* (*Penoranta*) *ickei* Martin – Skwarko & Sufiati, 1994: b17.

Holotype of *Nerita* (*Peloranta*) *Ickei* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 11506).

Skwarko et al. (1994: b16-b17) mentioned the subgenus *Penoranta* (with an n in stead of an l) of the genus *Nerita*, without an author. Martin (1917: 258) considered *Peloranta* a subgenus.

Genus *Neritina*
*Neritina jogjacartensis* Martin, 1916

*Neritina jogjacartensis* Martin, 1916: 259, pl. 3, figs. 82-83.
*Neritina jogjacartensis* – Martin, 1928: 5.
*Neritina jogjacartensis* Martin – van der Vlerk, 1931: 262.
*Neritina jogjacartensis* Martin – Skwarko & Sufiati, 1994: b18.

Syntypes of *Neritina jogjacartensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 11520: 2 specimens); leg.: K. Martin (RGM 46991: 1 specimen).

*Neritina junghuhni* Martin, 1906

*Neritina* (*s. str.*) *Junghuhni* Martin, 1906: 323, pl. 45, fig. 747.
*Neritina junghuhni* Martin – van der Vlerk, 1931: 262.

Holotype of *Neritina* (*s. str.*) *Junghuhni* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn M or Y, strat.: Miocene? (RGM 11508).

This species was not listed by Skwarko & Sufiati, 1994.

*Neritina tjidamarensis* Martin, 1879

*Nerita tjidamarensis* Martin, 1879: 84, pl. 13, fig. 20.
*Neritina* (*Neritina*) *tjidamarensis* Martin – Martin, 1905: 273.
*Neritina tjidamarensis* Martin – van der Vlerk, 1931: 262.
*Neritina tjidamarensis* Martin – Skwarko & Sufiati, 1994: b18.

Holotype of *Nerita tjidamarensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11509).

Genus *Theodoxus*
Subgenus *Theodoxus* (*Clithon*)
*Theodoxus* (*Clithon*) *eastoni* (Martin, 1916)

*Neritina* (*Clithon*) *Eastoni* Martin, 1916: 260, pl. 3, fig. 84.
*Neritina eastoni* Martin – van der Vlerk, 1931: 262.
*Theodoxus* (*Clithon*) *eastoni* Martin – Skwarko & Sufiati, 1994: b20.

Holotype of *Neritina* (*Clithon*) *Eastoni* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 11514).

Genus *Velates*
*Velates rotundatus* Martin, 1914

*Velates rotundatus* Martin, 1914: 177, pl. 6, figs. 171-172.
*Velates rotundatus* Martin – van der Vlerk, 1931: 262.
*Velates rotundatus* Martin – Piccoli & Savazzi, 1983: 36.
*Velates rotundatus* Martin – Skwarko & Sufiati, 1994: b20.

Syntypes of *Velates rotundatus* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11521: 1 specimen, RGM 47184: 1 specimen).

Order Mesogastropoda
Superfamily Littorinoidea
Family Pomatiasidae
Genus *Tinostoma*
Subgenus *Tinostoma* (*Megatyloma*)
*Tinostoma* (*Megatyloma*) *jogjacartense* Martin, 1914

*Tinostoma* (*Megatyloma*) *jogjacartense* Martin, 1914: 178, pl. 6, fig. 177.
*Tinostoma jogjacartense* Martin – van der Vlerk, 1931: 264.
*Tinostoma* (*Megatyloma*) *jogjacartense* Martin – Skwarko & Sufiati, 1994: f17.

Syntypes of *Tinostoma* (*Megatyloma*) *jogjacartense* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11645: 2 specimens, RGM 47183: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11646: 1 specimen).

Superfamily Cerithioidea
Family Thiaridae
Subfamily Thiarinae
Genus *Thiara*
Subgenus *Thiara* (*Plotia*)
*Thiara* (*Plotia*) *scabra* (Müller, 1774)

*Buccinum scabra* – Müller, 1774: 136.
*Melania* (*Tarebia*) *tjemoroënsis* Martin, 1905: 241, pl. 36, fig. 575.
*Melania granum* – Branca, 1908: 270.
*Melania granum* – Martin, 1908: 14.
*Melania granum* – Carthaus, 1911: 13.
*Melania* (*Plotia*) *granum* – Martin-Icke, 1911: 50.
*Melania* cf. *tjemoroënsis* Martin – Martin, 1919: 96.
*Melania tjemoroensis* Martin – van Es, 1931: 65.
*Melania granum* v. d. Busch – van Es, 1931: 65, 136.
*Melania granum* v. d. Busch – van der Vlerk, 1931: 254.
*Melania scabra* Müller – van der Vlerk, 1931: 255.
*Melania tjemoroënsis* Martin – van der Vlerk, 1931: 255.
*Thiara tjemoroensis* (Martin) – Oostingh, 1935: 12.
*Thiara* (*Plotia*) *scabra* (Müller) – van Benthem Jutting, 1937: 118.
*Thiara scabrum* (Muller) – Skwarko & Sufiati, 1994: e17.
*Thiara tjemoroensis* (Martin) – Skwarko & Sufiati, 1994: e19.

Syntypes of *Melania* (*Tarebia*) *tjemoroënsis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Kali Cemoro, strat.: Pliocene (RGM 10986: 3 specimens); loc.: Ngrawan, strat.: Quaternary (RGM 10987: 1 specimen).

We follow the nomenclature of van Benthem Jutting (1937), whose work was not available to Skwarko & Sufiati (1994).

Subgenus unknown
*Thiara zollingeri fennemai* (Martin, 1905)

*Melania* (*Striatella*) *Fennemai* Martin, 1905: 239, pl. 36, fig. 571.
*Melania fennemai* Martin – Martin, 1919: 96.
*Melania fennemai* – van Es, 1931: 65, 136.
*Melania fennemai* Martin – van der Vlerk, 1931: 254.
*Melanoides* (*Melanoides*) *fennemai* (Martin) – Oostingh, 1935: 17, pl. 1, figs. 12-16.
*Thiara* (*Tiaropsis*) *zollingeri fennemai* (Martin) – van Benthem Jutting, 1937: 117-118.
*Melanoides* (*Melanoides*) *fennemai* (Martin) – Skwarko & Sufiati, 1994: e8.

Holotype of *Melania* (*Striatella*) *Fennemai* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Kali Cemoro, strat.: Pliocene (RGM 10976).

Skwarko & Sufiati (1994) incorrectly indicated P. J2712, P. J2715 and P. J2718 (GRDC collection, Bandung) as types. Martin's description was based on a single specimen. Since Skarko & Sufiati (1994) apparently had no access to the work of van Benthem Jutting (1937), we follow her usage, taking Vaught (1989) into account, who regarded *Tiaropsis* as a synonym of *Thiara*.

Genus *Melania*
Subgenus *Melania* (*Acrostoma*)
*Melania* (*Acrostoma*) *sindangbaranensis* Martin, 1906

*Melania* (*Acrostoma*) *sindangbaranensis* Martin, 1906: 321, pl. 45, fig. 743.
*Melania sindangbaranensis* Martin – van der Vlerk, 1931: 255.
*Melania* (*Acrostoma*) *sindangbaranensis* Martin – Skwarko & Sufiati, 1994: e6.

Holotype of *Melania* (*Acrostoma*) *sindangbaranensis* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 10949).

Subgenus *Melania* (*Striatella*)
*Melania* (*Striatella*) *sumedangensis* Martin, 1905

*Melania* (*Striatella*) *sumedangensis* Martin, 1905: 238, pl. 36, figs. 565-566.
*Melania sumedangensis* Martin – van der Vlerk, 1931: 255.
*Melania* (*Striatella*) *sumedangensis* Martin – Skwarko & Sufiati, 1994: e7.

Syntypes of *Melania* (*Striatella*) *sumedangensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Darmawangi, strat.: Neogene? (RGM 10972: 2 specimens).

The description was based on 17 defect specimens.

Subgenus unknown
*Melania samarangana* (Martin, 1884)

*Turbonilla samarangana* Martin, 1884: 163, pl. 8, fig. 159.
*Melania samarangana* Martin – Martin, 1906: 321.
*Melania samarangana* Martin – van der Vlerk, 1931: 255.
*Melania samarangana* (Martin) – Skwarko & Sufiati, 1994: e4.

Holotype of *Turbonilla samarangana* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 11023).

Genus *Melanoides*
*Melanoides tuberculata* (Müller, 1774)

*Nerita tuberculata* – Müller, 1774: 191.
*Melania tuberculata* Müll. – Martin, 1884: 157.
*Melania tuberculata* – Martin, 1887: 324.
*Melania* (*Striatella*) *tuberculata* – Martin, 1905: 234, 238.
*Melania* (*Striatella*) *Woodwardi* Martin, 1905: 239, pl. 36, figs. 567-570.
*Melania* (*Striatella*) *tuberculata* – Martin-Icke, 1911: 50.
*Melania tuberculata* – Martin, 1919: 96.
*Melania woodwardi* – Martin, 1919: 96.
*Melania* aff. *Woodwardi* Martin – Tesch, 1920: 60.
*Melania tuberculata* – van Benthem Jutting, 1931: 103.
*Melania tuberculata* – van Es, 1931: 52, 136.
*Melania woodwardi* Martin – van der Vlerk, 1931: 255.
*Melania woodwardi* Martin – Haanstra & Spiker, 1932: 1101.
*Melanoides* (*Melanoides*) *tuberculata* (Martin) – Oostingh, 1935: 13.
*Melanoides* (*Melanoides*) *woodwardi* (Martin) – Oostingh, 1935: 17.
*Thiara* (*Melanoides*) *tuberculata* (Müller) – van Benthem Jutting, 1937: 129-131.
*Melanoides* (*Melanoides*) *woodwardi* (Martin) – Skwarko & Sufiati, 1994: e10.
*Melanoides* (*Melanoides*) *tuberculata* (Mueller) – Skwarko & Sufiati, 1994: e9.

Syntypes of *Melania* (*Striatella*) *Woodwardi* Martin, 1905, collector unknown, loc.: Sonde, strat.: Pliocene (RGM 10974: 8 specimens, RGM 10975: 19 specimens); leg.: R.D.M. Verbeek (RGM 10973: 4 specimens).

We follow the nomenclature of van Benthem Jutting (1937), whose work was not available to Skwarko & Sufiati (1994).

Genus *Sermyla*
*Sermyla tornatella* (Lea, 1850)

*Melania Herklotsi* Martin, 1879: 88, pl. 14, fig. 19.
*Sermyla tornatella* (Lea) – Skwarko & Sufiati, 1994: e17.

Syntypes of *Melania Herklotsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn M, strat.: Neogene (RGM 11022: 1 specimen); loc.: Junghuhn Y (RGM 11017: 1 specimen, RGM 11019: 1 specimen).

Genus *Stenomelania*
*Stenomelania rustica* (Mousson, 1857)

*Melania rustica* – Mousson, 1857: 160.
*Melania* (s. str.) *sondeiana* – Martin, 1905: 234, 235, pl. 36, figs. 556-557.
*Melania* (*s. str.*) *sondeiana* Martin, 1905: 235, pl. 35, figs. 556-557.
*Melania (s.str) sondeiana* Martin – Martin-Icke, 1911: 47.
*Melania sondeiana* – Martin, 1919: 96.
*Melania sondeiana* Martin – van der Vlerk, 1931: 255.
*Thiara* (*Stenomelania*) *rustica* (Mousson) – van Benthem Jutting, 1937.
*Melania* (*Melania*) *sondeiana* Martin – Skwarko & Sufiati, 1994: e7.

Syntypes of *Melania* (*s. str.*) *sondeiana* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10951: 2 specimens, RGM 10952: 11 specimens).

*Stenomelania semicancellata* (Busch, 1844)

*Melania semicancellata* – von dem Busch, 1844: 159, pl. 3, fig. 2.
*Melania* (*s. str.*) *gendinganensis* Martin, 1905: 235, pl. 35, fig. 555.
*Melania gendinganensis* – Martin, 1919: 96.
*Melania gendinganensis* Martin – van der Vlerk, 1931: 254.
*Thiara* (*Stenomelania*) *semicancellata* (v. d. Busch) – van Benthem Jutting, 1937.
*Melania* (*Melania*) *gedinganensis* Martin – Skwarko & Sufiati, 1994: e6.

Holotype of *Melania* (*s. str.*) *gendinganensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10950).

We follow the nomenclature of van Benthem Jutting (1937), whose work was not available to Skwarko & Sufiati (1994).

Genus *Tarebia*
*Tarebia bojolaliensis* (Martin, 1905)

*Melania* (*Tarebia*) *bojolaliensis* Martin, 1905: 242, pl. 36, fig. 577.
*Melania bojolaliensis* Martin – van der Vlerk, 1931: 254.
*Melanoides* (*Terebia*) *bojolaliensis* Martin – Skwarko & Sufiati, 1994: e11.

Syntypes of *Melania* (*Tarebia*) *bojolaliensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Ngrawan, strat.: Quaternary (RGM 10988: 1 specimen, RGM 10989: 5 specimens).

*Tarebia darmavangiensis* (Martin, 1905)

*Melania* (*Tarebia*) *darmavangiensis* Martin, 1905: 245, pl. 37, figs. 589-590.
*Tarebia darmavangiensis* Martin – van der Vlerk, 1931: 254.
*Melanoides* (*Terebia*) *darmavangiensis* Martin – Skwarko & Sufiati, 1994: e11.

Syntypes of *Melania* (*Tarebia*) *darmavangiensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Darmawangi, strat.: Pliocene (RGM 11000: many specimens in matrix with *T. tjariagensis*., RGM 11012: 2 specimens, RGM 11013: 17 specimens).

*Tarebia granifera* (Lamarck, 1822)

*Melania granifera* – Lamarck, 1822: pt. 2, no. 13.
*Melania Junghuhni* Martin, 1879: 89, pl. 14, fig. 20.
*Melania semigranosa* v. d. Busch. – Martin, 1884: 158.
*Melania granifera* Lamarck – Martin, 1884: 159.
*Melania semigranosa* v. d. Busch. – Martin, 1887: 324.
*Melania* (*Tarebia*) *verrucosa* – Martin, 1905: 235.
*Melania* (*Tarebia*) *kritjanensis* – Martin, 1905: 235.
*Melania* (*Tarebia*) *semigranosa* – Martin, 1905: 235.
*Melania* (*Tarebia*) *Junghuhni* Martin – Martin, 1905: 235.
*Melania* (*Tarebia*) *tjariangensis* Martin, 1905: 243, pl. 36, figs. 581-583.
*Melania* (*Tarebia*) *kritjianensis* Martin, 1905: 244, pl. 36, figs. 587-588.
*Melania verrucosa* – Branca, 1908: 270.
*Melania verrucosa* – Martin, 1908: 14.
*Melania verrucosa* – Icke, in Carthaus, 1911: 13.
*Melania* (*Tarebia*) *verrucosa* – Martin-Icke, 1911: 50.
*Melanoides tjariangensis* Martin – Martin, 1919: 96.
*Melanoides verrucosa* Martin – Martin, 1919: 96.
*Melanoides kritjanensis* Martin – Martin, 1919: 96.
*Melanoides semigranosa* Martin – Martin, 1919: 97.
*Melanoides Junghuhni* Martin – Martin, 1919: 97.
*Melania junghuhni* Martin – van der Vlerk, 1931: 254.
*Melania kritjianensis* Martin – van der Vlerk, 1931: 254.
*Melania semigranosa* Martin – van der Vlerk, 1931: 255.
*Melania tjariangensis* Martin – van der Vlerk, 1931: 255.
*Melania verrucosa* Martin – van der Vlerk, 1931: 255.
*Melanoides* (*Terebia*) *junghuhni* (Martin) – Oostingh, 1935: 19.
*Melanoides* (*Tarebia*) *tjariangensis* (Martin) – Oostingh, 1935: 22.
*Melanoides* (*Tarebia*) *flavida* – Oostingh, 1935: 24.
*Melanoides* (*Tarebia*) *martini* – Oostingh, 1935: 25.
*Thiara* (*Tarebia*) *granifera* (Lamarck) – van Benthem Jutting, 1937: 123.
*Melanoides* (*Tarebia*) *tjariangensis* (Martin) – Cox, 1948: 24.
*Melanoides preangerensis junghuhni* Martin – Premonowati, 1990: 37.
*Melanoides* (*Terebia*) *kritjianensis* Martin – Skwarko & Sufiati, 1994: e12.
*Melanoides* (*Terebia*) *tjariangensis* Martin – Skwarko & Sufiati, 1994: e14.

Holotype of *Melania Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn Y, strat.: Neogene (RGM 11011).

Syntypes of *Melania* (*Tarebia*) *kritjianensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Kali Cemoro, strat.: Pliocene (RGM 11007: 2 specimens, RGM 11008: 17 specimens); loc.: Ngrawan, strat.: Quaternary? (RGM 11009: 2 specimens).

Syntypes of *Melania* (*Tarebia*) *tjariangensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Darmawangi, strat.: Pliocene (RGM 10995: 2 specimens, RGM 10998: no specimens present, RGM 10999: 33 specimens, RGM 11000: no specimens present); loc.: Madiun (RGM 10997: 2 specimens).

According to Skwarko & Sufiati (1994) the types are in the GRDC collection in Bandung (P. J2728, 2737-38, 2725) and in the UPN in Yogyakarta. This is incorrect, since Martin based his description of *Melania Junghuhni* on a single specimen that is in the NNM collection. Only RGM 11009 was studied by van Benthem Jutting. We follow the nomenclature of van Benthem Jutting (1937), whose work was not available to Skwarko & Sufiati

(1994). Cox (1948) recorded a slight resemblance between his new species *Melanoides* (*Tarebia*) *beetsi*, which was based on a few fragments, and *M*. (*T.*) *tjariangensis* (Martin). We suspect that *M*. (*T.*) *beetsi* is probably a junior synonym of *T. granifera*, given the broad morphological variation in this species, recorded e. g. by van Benthem Jutting (1937). Van Benthem Jutting (1937) attributed the specimen identified by Martin as a variety of *T. tjariangensis* (RGM 10996) to this species. According to Skwarko & Sufiati, there is also a type of *M. tjariangensis* in the GRDC collection in Bandung (P. J2741).

*Tarebia granifera madiunensis* (Martin, 1905)

*Melania* (*Sulcospira*) *bodjaënsis* Martin, 1905: 237, pl. 36, fig. 562.
*Melania* (*Tarebia*) *madiunensis* Martin, 1905: 242, pl. 36, figs. 578-580.
*Melania* (*Tarebia*) *madiunensis* Martin – Martin-Icke, 1911: 48.
*Melania madiunensis* Martin – Martin, 1919: 96.
*Melania madiunensis* Martin – van der Vlerk, 1931: 254.
*Melania bodjaënsis* Martin – van der Vlerk, 1931: 254.
*Melanoides* (*Terebia*) *madiunensis* (Martin) – Oostingh, 1935: 21.
*Thiara* (*Tarebia*) *granifera madiunensis* (Martin) – van Benthem Jutting, 1937: 125.
*Melania madiunensis* Martin – Shuto, 1969: 62.
*Melanoides* (*Terebia*) *madiunensis* Martin – Skwarko & Sufiati, 1994: e13.
*Sulcospira bodjaensis* Martin – Skwarko & Sufiati, 1994: e15.

Holotype of *Melania* (*Sulcospira*) *bodjaënsis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Watulumbung, strat.: Pliocene (RGM 10964).

Syntypes of *Melania* (*Tarebia*) *madiunensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10990: 2 specimens, RGM 10991: 1 specimen, RGM 10992: 2 specimens, RGM 10993: 4 specimens, RGM 10994: 7 specimens).

*Tarebia preangerensis* (Martin, 1905)

*Melania* (*Tarebia*) *preangerensis* Martin, 1905: 243, pl. 36, figs. 584-585.
*Melania preangerensis* Martin – Martin, 1919: 96.
*Melania preangerensis* Martin – van der Vlerk, 1931: 254.
*Melanoides* (*Terebia*) *preangerensis* (Martin) – Oostingh, 1935: 22.
*Melanoides preangerensis* Martin – Premonowati, 1990: 37.
*Melanoides* (*Terebia*) *preangerensis* Martin – Skwarko & Sufiati, 1994: e13.

Syntypes of *Melania* (*Tarebia*) *preangerensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Darmawangi, strat.: Pliocene (RGM 11001: 2 specimens, RGM 11002: 2 specimens).

The types are in the NNM collections and not in the GRDC collections (Bandung) or in the UPN collection (Yogyakarta) as indicated by Skwarko & Sufiati (1994).

Family Planaxidae
Genus *Planaxis*
Subgenus *Planaxis*
*Planaxis* (*Planaxis*) *sondeianus* Martin, 1905

*Planaxis* (*s. str.*) *sondeianus* Martin, 1905: 222, pl. 40, fig. 661.
*Planaxis sondeianus* Martin – Martin, 1919: 95.
*Planaxis sondeianus* Martin – van der Vlerk, 1931: 252.
*Planaxis* (*Planaxis*) *sondeianus* Martin – van Regteren Altena, 1941: 5.
*Planaxis* (*Planaxis*) *sondeianus* Martin – Skwarko & Sufiati, 1994: e20.

Holotype of *Planaxis* (*s. str.*) *sondeianus* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10766).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

Subgenus *Planaxis* (*Quoyia*)
*Planaxis* (*Quoyia*) *densestriatus* Martin, 1916

*Planaxis* (*Quoyia*) *densestriatus* Martin, 1916: 254, pl. 3, fig. 69.
*Planaxis densestriatus* Martin – van der Vlerk, 1931: 252.
*Planaxis* (*Quoyia*) *densestriatus* Martin – Skwarko & Sufiati, 1994: e21.

Holotype of *Planaxis* (*Quoyia*) *densestriatus* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10768).

Family Melanopsidae
Genus *Faunus*
Subgenus *Faunus* (*Faunus*)
*Faunus* (*Faunus*) *boettgeri* Martin, 1914

*Faunus* (*s. str.*) *Boettgeri* Martin, 1914: 165, pl. 5, fig. 136.
*Faunus boettgeri* Martin – van der Vlerk, 1931: 254.
*Faunus boettgeri* Martin – Piccoli & Savazzi, 1983: 36.
*Faunus* (*Faunus*) *boettgeri* Martin – Skwarko & Sufiati, 1994: e2.

Syntypes of *Faunus* (*s. str.*) *Boettgeri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11051: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11048: 1 specimen, RGM 11056: 1 specimen, RGM 11057: 8 specimens, RGM 11061: 8 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 11055: 1 specimen); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 11049: 1 specimen, RGM 11050: 1 specimen).

Subgenus *Faunus* (*Lampania*)
*Faunus* (*Lampania*) *odengensis* (Martin, 1899)

*Potamides* (*Lampania*) *odengensis* Martin, 1899: 219, pl. 33, fig. 508.
*Faunus odengensis* Martin – Martin, 1912: 166.
*Faunus odengensis* Martin – van der Vlerk, 1931: 254.
*Faunus* (*Lampania*) *odengensis* Martin – Skwarko & Sufiati, 1994: e2.

Holotype of *Potamides* (*Lampania*) *odengensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Cilanang Formation, Upper Miocene (RGM 11046).

*Faunus* (*Lampania*) *palabuanensis* (Martin, 1899)

*Potamides* (*Lampania*) *palabuanensis* Martin, 1899: 218, pl. 33, fig. 507.
*Faunus palabuanensis* Martin – Martin, 1914: 166.
*Faunus palabuanensis* Martin – van der Vlerk, 1931: 254.
*Faunus* (*Lampania*) *palabuanensis* Martin – Skwarko & Sufiati, 1994: e2.

Holotype of *Potamides* (*Lampania*) *palabuanensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Upper Miocene (RGM 11045).

Genus *Terebripirena*
*Terebripirena javana* (Martin, 1879)

*Cerithium javanum* Martin, 1879: 63, pl. 11, fig. 4.
*Cerithium* (*vertagus*) *javanum* Martin – Martin, 1899: 205.
*Terebripirena javanum* Martin – Martin, 1911: 41.
*Cerithium javanum* Martin – Martin, 1914: 335.
*Terebripirena javana* Martin – Martin, 1919: 97.
*Terebripirena javana* Martin – Martin, 1928: 115.
*Terebripirena javana* Martin – van der Vlerk, 1931: 225.
*Terebripirena javanum* Martin – Skwarko & Sufiati, 1994: e20.

Syntypes of *Cerithium javanum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 11066: 5 specimens, RGM 11068: 1 specimen).

Family Modulidae
Genus *Modulus*
*Modulus preangerensis* Martin, 1905

*Modulus preangerensis* Martin, 1905: 221, pl. 46, fig. 671.
*Modulus preangerensis* – Martin, 1928: 127.
*Modulus preangerensis* Martin – van der Vlerk, 1931: 252.
*Modulus preangerensis* Martin – Skwarko & Sufiati, 1994: e21.

Holotype of *Modulus preangerensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 10764).

Family Cerithiidae
Subfamily Cerithiinae
Genus *Cerithium*
Subgenus *Cerithium* (*Cerithium*)
*Cerithium* (*Cerithium*) *noetlingi* Martin, 1899

*Cerithium* (*s. str.*) *Noetlingi* Martin, 1899: 203, pl. 31, fig. 464.
*Batillaria* (*Batillaria*) *noetlingi* (Martin) – Shuto, 1978: 125, pl. 16, fig. 2a-b.
*Cerithium noetlingi* Martin, 1899 – Beets, 1987a: 19.
*Cerithium* (*Cerithium*) *noetlingi* Martin – Skwarko & Sufiati, 1994: c10.

Syntypes of *Cerithium* (*s. str.*) *Noetlingi* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Nyalindung, strat.: Nyalindung Formation, Lower Miocene (RGM 10388: 4 specimens).

*Cerithium* (*Cerithium*) *teschi* (Martin, 1916)

*Potamides* (*Cerithidea*) *Ickei* – Martin, 1916: 252.
*Potamides* (*Terebralia*) *Teschi* Martin, 1916: 252, pl. 3, fig. 65.
*Potamides* (*Terebralia*) *Ickei* Martin, 1916: 252, pl. 3, fig. 66.
*Potamides Teschi* – Martin, 1928: 127.
*Potamides teschi* Martin – van der Vlerk, 1931: 251.
*Potamides ickei* Martin – van der Vlerk, 1931: 251.
*Cerithium* (*Cerithium*) *teschi* (Martin) – Shuto, 1978: 141.
*Cerithium* (*Cerithium*) *teschi* (Martin) – Skwarko & Sufiati, 1994: c11.

Holotype of *Potamides* (*Terebralia*) *Ickei* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10715).

Syntypes of *Potamides* (*Terebralia*) *Teschi* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10664: 2 specimens); leg.: K. Martin (RGM 47076: 1 specimen). Shuto (1978: 141) considered RGM 10664 (*teschi*) and RGM 10715 (*ickei*) to be conspecific.

Subgenus *Cerithium* (*Gourmya*)
*Cerithium* (*?Gourmya*) *njalindungense* Martin, 1921

*Cerithium* (*Gourmyia?*) *njalindungense* Martin, 1921: 469, pl. 60, fig. 61.
*Cerithium njalindunganense* [sic] Martin – van der Vlerk, 1931: 249.
*Cerithium* (*Gourmya?*) *njalindungense* Martin – Skwarko & Sufiati, 1994: c12.

Syntypes of *Cerithium* (*Gourmyia?*) *njalindungense* Martin, 1921, leg.: H. Martin-Icke, loc.: Ci Bodas, strat.: Nyalindung Formation, Lower Miocene (RGM 10358: 1 specimen, RGM 10359: 1 specimen, RGM 47039: 1 specimen); loc.: Citalahab (RGM 10357: 1 specimen, RGM 10360: 1 specimen).

*Cerithium* (*Gourmya*) *parungpontengense* Martin, 1899

*Cerithium* (*s. str.*) *parungpontengense* Martin, 1899: 203, pl. 32, fig. 489.
*Cerithium parungpontengense* Martin – van der Vlerk, 1931: 249.
*Cerithium* (*Gourmya*) *parungpontengense* Martin – Shuto, 1978: 148.
*Cerithium* (*Gourmya*) *parungpontengense* Martin – Skwarko & Sufiati, 1994: c12.

Holotype of *Cerithium* (*s. str.*) *parungpontengense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Selacai, strat.: Upper Miocene (RGM 10391). Martin stated that only one specimen was present: RGM 10391 is the holotype by monotypy.

Subgenus *Cerithium* (*Thericium*)
*Cerithium* (*?Thericium*) *volzi* (Martin, 1916)

*Potamides* (*Terebralia*) *Volzi* Martin, 1916: 251, pl. 3, figs. 62-64.
*Potamides volzi* Martin – van der Vlerk, 1931: 251.
*Cerithium* (*Thericium?*) *volzi* (Martin) – Shuto, 1978: 144.
*Cerithium* (*Thericium?*) *volzi* (Martin) – Skwarko & Sufiati, 1994: c14.

Syntypes of *Potamides* (*Terebralia*) *Volzi* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10662: 3 specimens); leg.: K. Martin (RGM 47006: 2 specimens).

*Cerithium* (*Thericium*) *dolfusi* (Martin, 1916)

*Potamides* (*Terebralia*) *Dolfusi* Martin, 1916: 250, pl. 3, fig. 61.
*Potamides Dollfusi* – Martin, 1928: 127.
*Potamides Dollfusi* Martin – van der Vlerk, 1931: 250.
*Cerithium* (*Thericum*) *dollfusi* (Martin) – Shuto, 1978: 143.
*Cerithium* (*Thericum*) *dolfusi* (Martin) – Skwarko & Sufiati, 1994: c13.

Syntypes of *Potamides* (*Terebralia*) *Dolfusi* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10661: 1 specimen); leg.: H. Martin-Icke (RGM 10660: 33 specimens); leg.: K. Martin (RGM 46955: 1 specimen).

*Cerithium* (*Thericium*) *everwijni* Martin, 1882

*Cerithium Everwijni* Martin, 1882: 232, pl. 11, fig. 26.
*Cerithium* (*s.str.*) *Everwijni* Martin – Martin, 1899: 202.
*Cerithium Everwijni* Martin – Martin, 1911: 46.
*Cerithium everwijni* Martin – van der Vlerk, 1931: 248.
*Cerithium* (*Thericum*) *everwijni* (Martin) – Shuto, 1978: 142.
*Cerithium* (*Thericum*) *everwijni* (Martin) – Skwarko & Sufiati, 1994: c13.

Syntypes of *Cerithium Everwijni* Martin, 1882, leg.: R.D.M. Verbeek, loc.: Citaon, strat.: Cilanang Formation, Upper Miocene (RGM 10380: 2 specimens).

*Cerithium* (*Thericium*) *sucaradjanum* Martin, 1899

*Cerithium* (*s. str.*) *sucaradjanum* Martin, 1899: 197, pl. 31, fig. 455.
*Cerithium sucaradjanum* Martin – van der Vlerk, 1931: 250.
*Cerithium* (*Thericium*) *sucaradjanum* Martin – Shuto, 1978: 145.
*Cerithium* (*Thericium*) *sucaradjanum* Martin – Skwarko & Sufiati, 1994: c14.

Holotype of *Cerithium* (*s. str.*) *sucaradjanum* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Selacai, strat.: Upper Miocene (RGM 10356).

Genus *Argyropeda*
*Argyropeda spinigera* (Martin, 1884)

*Cerithium* (*s. str.*) *spinigerum* Martin, 1884: 156, pl. 8, fig. 152.
*Potamides spiniger* Martin – Tesch, 1920: 58.
*Potamides spiniger* Martin – van der Vlerk, 1931: 250.
*Argyropeda spinigerum* (Martin) – Shuto, 1969: 65.
*Argyropeda spinigerum* (Martin) – Skwarko & Sufiati, 1994: c3.

Syntypes of *Cerithium* (*s. str.*) *spinigerum* Martin, 1884, leg.: P. van Dijk, loc.: Blakan Kebon, Semarang, strat.: Pliocene (RGM 10578: 2 specimens); loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 10579: 16 specimens).

Genus *Clava*
Subgenus *Clava* (*Clava*)
*Clava* (*Clava*) *djunggranganensis* (Martin, 1916)

*Potamides* (*Tereb.*) *djunggranganensis* Martin, 1916: 249, pl. 2, fig. 55.
*Potamides djunggranganensis* Martin – van der Vlerk, 1931: 250.
*Clava* (*Clava*) *djunggranganensis* (Martin) – Shuto, 1978: 135.
*Clava* (*Clava*) *djunggranganensis* (Martin) – Skwarko & Sufiati, 1994: c14.

Holotype of *Potamides* (*Tereb.*) *djunggranganensis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10653).

*Clava* (*Clava*) *noetlingi* (Martin, 1899)

*Potamides* (*Terebralia*) *Noetlingi* Martin, 1899: 212, pl. 32, figs. 481-483.
*Potamides Noetlingi* Martin – Martin, 1922: 474.
*Potamides noetlingi* Martin – van der Vlerk, 1931: 251.
*Potamides noetlingi* (Martin) – Shuto, 1978: 136, pl. 15, fig. 1a-b.
*Clava* (*Clava*) *noetlingi* (Martin 1899) – Skwarko & Sufiati, 1994: c15.

Syntypes of *Potamides* (*Terebralia*) *Noetlingi* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Nyalindung, strat.: Nyalindung Formation, Lower Miocene (RGM 10626: 4 specimens, RGM 10628: 9 specimens, RGM 10634: 11 specimens).

Martin (1899: 212-213) recorded 60 specimens in total belonging to this species. He described a 'typische Form' (Fig. 481-483) and 'eine ganze Reihe von Varietäten'. He also described three varieties: 1 (Fig. 484), 2 (Fig. 485) and 3 (Fig. 486), all three illustrated specimens should be stored **as** RGM 10630. 'AvdV', 9 November 1931, already stated on a small paper stored with RGM 10630 that the specimen illustrated in Fig. 485 is not present. On the basis of ICZN IV art. 72.4.1 these varieties are excluded from the type series. During the present stock taking 85 specimens in 10 lots are found (RGM 10626-'30 and '34-'38). When excluding the specimens marked as varieties 75 specimens are left. This is larger number than stated by Martin.

Subgenus *Clava* (*Clavocerithium*)
*Clava* (*?Clavocerithium*) *sucaradjanus* (Martin, 1899)

*Potamides* (*Terebralia*) *sucaradjanus* Martin, 1899: 211, pl. 32, fig. 480.
*Potamides sucaradjanus* Martin – van der Vlerk, 1931: 251.
*Clava* (*Clavocerithium?*) *sucaradjana* (Martin) – Shuto, 1978: 137.
*Clava* (*Clavocerithium?*) *sucaradjana* (Martin) – Skwarko & Sufiati, 1994: c15.

Holotype of *Potamides* (*Terebralia*) *sucaradjanus* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Selacai, strat.: Upper Miocene (RGM 10601).

Genus *Clypeomorus*
Subgenus *Clypeomorus* (*Clypeomorus*)
*Clypeomorus* (*Clypeomorus*) *fennemai* (Martin, 1899)

*Cerithium* (*s. str.*) *Fennemai* Martin, 1899: 200, pl. 31, fig. 460.
*Cerithium fennemai* Martin – van der Vlerk, 1931: 249.
*Clypeomorus fennemai* (Martin) – Shuto, 1978: 157.
*Clypeomorus* (*Clypeomorus*) *fennemai* (Martin) – Skwarko & Sufiati, 1994: c17.

Holotype of *Cerithium* (*s. str.*) *Fennemai* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10373).

Subgenus unknown
*?Clypeomorus preangerensis* (Martin, 1899)

*Cerithium preangerense* Martin, 1899: 198, pl. 31, fig. 456.
*Cerithium preangerense* Martin – Martin, 1912: 200.
*Cerithium preangerense* Martin – van der Vlerk, 1931: 249.
*Clypeomorus? preangerense* (Martin) – Shuto, 1978: 156.
*Clypeomorus?* (*Clypeomorus*) *preangerense* Martin – Skwarko & Sufiati, 1994: c17.

Holotype of *Cerithium preangerense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10366).

*?Clypeomorus woodwardi* (Martin, 1884)

*Cerithium Woodwardi* Martin, 1884: 157, pl. 9, fig. 179.
*Potamides woodwardi* Martin – van der Vlerk, 1931: 251.
*Clypeomorus? woodwardi* (Martin) – Shuto, 1978: 153.
*Clypeomorus? woodwardi* (Martin) – Skwarko & Sufiati, 1994: c16.

Holotype of *Cerithium Woodwardi* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 10727).

*Clypeomorus deningeri* (Martin, 1916)

*Potamides* (*Terebralia*) *Deningeri* Martin, 1916: 249, pl. 2, fig. 56-58.
*Potamides Deningeri* – Martin, 1928: 127.
*Potamides deningeri* Martin – van der Vlerk, 1931: 250.
*Clypeomorus deningeri* (Martin) – Shuto, 1978: 154.
*Clypeomorus deningeri* (Martin) – Skwarko & Sufiati, 1994: c16.

Syntypes of *Potamides* (*Terebralia*) *Deningeri* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10655: 85 specimens, RGM 10656: 13 specimens); leg.: H. Martin-Icke (RGM 10654: 4 specimens); leg.: K. Martin (RGM 47020: 6 specimens).

*Clypeomorus wanneri* (Martin, 1916)

*Cerithium* (*Vulgocerithium*) *Wanneri* Martin, 1916: 248, pl. 2, fig. 54.
*Cerithium wanneri* Martin – van der Vlerk, 1931: 250.
*Clypeomorus wanneri* (Martin) – Shuto, 1978: 158.
*Clypeomorus wanneri* (Martin) – Skwarko & Sufiati, 1994: c16.

Syntypes of *Cerithium* (*Vulgocerithium*) *Wanneri* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10376: 4 specimens, RGM 46957: 2 specimens).

Martin also mentioned in his description five specimens from Gunung Spolong. These are at NNM (RGM 10377), but have not been included in the type series, since Martin considered them 'possibly a local variety' (ICZN Art. 72b1).

Genus *Colina*
Subgenus *Colina* (*Ishnocerithium*)
*Colina* (*?Ishnocerithium*) *hillegondae* (Martin, 1921)

*Cerithium* (*Hemicerithium*) *Hillegondae* Martin, 1921: 471, pl. 60, fig. 67.
*Cerithium hillegondae* Martin – van der Vlerk, 1931: 249.
*Colina* (*Ishnocerithium?*) *hilegondae* [sic] (Martin) – Shuto, 1978: 152.
*Colina* (*Ishnocerithium?*) *hillegondae* (Martin) – Skwarko & Sufiati, 1994: c19.

Holotype of *Cerithium* (*Hemicerithium*) *Hillegondae* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 10365).

Genus *Conocerithium*
Subgenus *Conocerithium* (*Conocerithium*)
*Conocerithium* (*Conocerithium*) *ermelingianum* (Martin, 1884)

*Cerithium* (*s. str.*) *Ermelingianum* Martin, 1884: 151, pl. 8, fig. 148.
*Potamides Ermelingianus* Martin – Martin, 1899: 214.
*Potamides ermelingianus* Martin – van der Vlerk, 1931: 250.
*Conocerithium* (*Conocerithium*) *ermelingianus* Martin – Shuto, 1978: 149.
*Conocerithium* (*Conocerithium*) *ermelingianus* (Martin) – Skwarko & Sufiati, 1994: c19.

Syntypes of *Cerithium* (*s. str.*) *Ermelingianum* Martin, 1884, leg.: P. van Dijk, loc.: Selacai, strat.: Upper Miocene (RGM 10665: 1 specimen); loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 10685: 1 specimen).

Subgenus *Conocerithium* (*Benoistia*)
*Conocerithium* (*Benoistia*) *songoense* (Martin, 1914)

*Cerithium* (*Benoistia*) *songoënse* Martin, 1914: 162, pl. 6, figs. 173, 175.
*Cerithium songoense* Martin – van der Vlerk, 1931: 250.
*Conocerithium* (*Benoistia*) *songoense* Martin – Skwarko & Sufiati, 1994: c19.

Syntypes of *Cerithium* (*Benoistia*) *songoënse* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, Lower Eocene (RGM 10448: 1 specimen, RGM 10449: 2 specimens).

Genus *Ptychocerithium*
*Ptychocerithium ickei* (Martin, 1914)

*Cerithium* (*Ptychocerithium*) *Ickei* Martin, 1914: 161, pl. 5, figs. 128-129.
*Cerithium ickei* Martin – van der Vlerk, 1931: 249.
*Ptychocerithium ickei* Martin – Skwarko & Sufiati, 1994: c20.

Syntypes of *Cerithium* (*Ptychocerithium*) *Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 10392: 2 specimens).

*Ptychocerithium progoense* (Martin, 1916)

*Potamides* (*Cerithidea*) *progoënsis* Martin, 1916: 253, pl. 3, figs. 67-68.
*Potamides progoënsis* Martin – Martin, 1919: 94.
*Potamides progoënsis* – Martin, 1928: 109.
*Potamides progoënsis* Martin – van der Vlerk, 1931: 251.
*Cerithium* (*Ptychocerithium*) *progoense* (Martin) – Beets, 1941: 52.
*Cerithidea progoensis* Martin – Shuto, 1977: 134.
*Cerithium* (*Thericum?*) *progoense* (Martin) – Shuto, 1978: 144.
*Cerithium* (*Ptychocerithium*) *progoense* (Martin) – Beets, 1981b: 19.
*Ptychocerithium progoensis* (Martin) – Skwarko & Sufiati, 1994: c20.

Syntypes of *Potamides* (*Cerithidea*) *progoënsis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10717: 2 specimens, RGM 10719: 4 specimens); loc.: Kembangsokah (RGM 10716: 2 specimens); leg.: H. Martin-Icke (RGM 10720: 10 specimens); leg.: K. Martin (RGM 47048: 10 specimens).

*Ptychocerithium rembangense* (Pannekoek, 1936)

*Cerithium* (*Ptychocer.*) *rembangense* Pannekoek, 1936: 52, pl. 3, figs. 33-34.
*Ptychocerithium rembangense* Pannekoek – Skwarko & Sufiati, 1994: c21.

Syntypes of *Cerithium* (*Ptychocerithium*) *rembangense* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Lower Miocene (RGM 10731: 3 specimens).

Genus *Rhinoclavis*
Subgenus *Rhinoclavis* (*Rhinoclavis*)
*Rhinoclavis* (*Rhinoclavis*) *erecta* (Martin, 1884)

*Cerithium* (*Vertagus*) *erectum* Martin, 1884: 149, pl. 8, fig. 147.
*Cerithium erectum* Martin – Martin, 1919: 93.
*Cerithium erectum* Martin – van der Vlerk, 1931: 248.
*Cerithium* (*Rhinoclavis*) *erectum* Martin – Pannekoek, 1936: 52.
*Cerithium* (*Proclava*) *erectum* Martin – Beets, 1941: 194.
*Clava erecta* (Martin) – Shuto, 1977: 138.
*Clava* (*Clava*) *erecta* (Martin) – Shuto, 1978b: 106.
*Rhinoclavis* (*Rhinoclavis*) *erectum* (Martin) – Skwarko & Sufiati, 1994: c25.

Holotype of *Cerithium* (*Vertagus*) *erectum* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole I, 117 m, strat.: Upper Miocene (RGM 10439).

Subgenus *Rhinoclavis* (*Proclava*)
*Rhinoclavis* (*?Proclava*) *merangiana* (Martin, 1921)

*Cerithium* (*Vertagus*) *merangianum* Martin, 1921: 470, pl. 60, fig. 65.
*Cerithium merangianum* Martin – van der Vlerk, 1931: 249.
*Clava* (*Proclava?*) *merangiana* (Martin) – Shuto, 1978: 132.
*Rhinoclavis* (*Proclava?*) *merangianum* (Martin) – Skwarko & Sufiati, 1994: c24.

Holotype of *Cerithium* (*Vertagus*) *merangianum* Martin, 1921, leg.: H. Martin-Icke, loc.: Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 10361).

*Rhinoclavis* (*Proclava*) *gedinganensis* (Martin, 1899)

*Cerithium* (*Vertagus*) *gedinganense* Martin, 1899: 204, pl. 31, fig. 465.
*Cerithium gedinganense* Martin – van der Vlerk, 1931: 249.
*Cerithium gedinganense* Martin – Cox, 1948: 23.
*Clava* (*Proclava*) *gedinganensis* (Martin) – Shuto, 1978: 133.
*Rhinoclavis* (*Proclava*) *gedinganense* (Martin) – Skwarko & Sufiati, 1994: c22.

Syntypes of *Cerithium* (*Vertagus*) *gedinganense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10395: 2 specimens, RGM 10396: 1 specimen).

*Rhinoclavis* (*Proclava*) *jonkeri* (Martin, 1884)

*Cerithium* (*Vertagus*) *Jonkeri* Martin, 1884: 148, .
*Cerithium* (*Vertagus*) *Jonkeri* Martin – Martin, 1890: 276.
*Potamides*(*?*) *Jonkeri* Martin – Icke & Martin, 1907b: 215.
*Potamides jonkeri* Martin – Boettger, 1908: 668.
*Potamides jonkeri* Martin – Martin-Icke, 1911: 47.
*Potamides Jonkeri* Martin – Martin, 1919: 94.
*Cerithium* (*Vertagus*) *Jonkeri* Martin – Tesch, 1920: 54.
*Cerithium jonkeri* Martin – van der Vlerk, 1931: 249.
*Clava* (*Proclava*) *jonkeri* (Martin) – Shuto, 1978: 134.
*Rhinoclavis* (*Proclava*) *jonkeri* (Martin) – Skwarko & Sufiati, 1994: c22.

Syntype of *Cerithium* (*Vertagus*) *Jonkeri* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m, strat.: Pliocene (RGM 10450: 1 specimen).

This specimen was originally included in the type series, together with eleven other specimens. Later the name on the label was changed into *Cerithium* indet. and in 1980 the specimen was identified as *Rhinoclavis karangensis* by Beets. The whereabouts of the other types is unknown. Skwarko & Sufiati indicated RGM 10652 as type. This is incorrect, since that specimen originates from Padas Malang, a locality not mentioned by Martin in his original description.

*Rhinoclavis* (*Proclava*) *karangensis* (Martin, 1899)

*Cerithium* (*Vertagus*) *karangense* Martin, 1899: 206, pl. 31, figs. 469-470.
*Cerithium karangense* Martin – van der Vlerk, 1931: 249.
*Clava* (*Proclava*) *karangensis* [sic] (Martin) – Shuto, 1978: 131.
*Rhinoclava* (*Proclava*) *karangense* (Martin) – Skwarko & Sufiati, 1994: c23.

Syntypes of *Cerithium* (*Vertagus*) *karangense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ci Lanang, strat.: Upper Miocene (RGM 10400: 2 specimens, RGM 10435: 7 specimens).

Genus *Taxonia*
*Taxonia talahabensis* (Martin, 1899)

*Cerithium* (*s. str.*) *talahabense* Martin, 1899: 201, pl. 31, fig. 462.
*Cerithium talahabense* – Martin, 1911: 20.
*Cerithium* (*s.str.*) *talahabense* Martin – Martin, 1921: 469.
*Cerithium talahabense* – Martin, 1928: 126.
*Cerithium talahabense* Martin – van der Vlerk, 1931: 250.
*Taxonia? talahabensis* (Martin) – Shuto, 1978: 139.
*Taxonia* (*Taxonia*) *talahabense* (Martin) – Skwarko & Sufiati, 1994: c26.

Holotype of *Cerithium* (*s. str.*) *talahabense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10375).

*Taxonia angsanana* (Martin, 1921)

*Cerithium* (*Vertagus?*) *angsananum* Martin, 1921: 470, pl. 60, fig. 66.
*Cerithium angsananum* Martin – van der Vlerk, 1931: 248.
*Taxonia angsanana* (Martin) – Shuto, 1978: 140.
*Taxonia angsananum* (Martin) – Skwarko & Sufiati, 1994: c25.

Syntypes of *Cerithium* (*Vertagus?*) *angsananum* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 10362: 1 specimen, RGM 10363: 1 specimen, RGM 46977: 1 specimen).

*Taxonia djampangtengahensis* (Martin, 1899)

*Cerithium* (*Vertagus*) *djampantengahense* Martin, 1899: 207, pl. 31, fig. 471.
*Cerithium djampangtengahense* Martin – van der Vlerk, 1931: 248.
*Taxonia djampangtengahensis* (Martin) – Shuto, 1978: 138.
*Taxonia djampangtengahense* (Martin) – Skwarko & Sufiati, 1994: c26.

Holotype of *Cerithium* (*Vertagus*) *djampantengahense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10440).

Family Campanilidae
Genus *Campanile*
*Campanile gigas* (Martin, 1882)

*Telescopium gigas* Martin, 1882: 117, pl. 6, fig. 4, pl. 7, fig. 1.
*Cerithium* (*Campanile?*) *gigas* Martin – Martin, 1899: 208.
*Cerithium gigas* Martin – Martin, 1919: 93.
*Cerithium gigas* – Martin, 1928: 109.
*Cerithium gigas* Martin – van der Vlerk, 1931: 249.
*Campanile gigas* (Martin) – Beets, 1941: 59.
*Campanile gigas* (Martin) – Skwarko & Sufiati, 1994: d2.

Syntypes of *Telescopium gigas* Martin, 1882, leg.: F. Junghuhn, loc.: Podjok, strat.: Lower Miocene (RGM 10441: 1 specimen, RGM 10445: 1 specimen); leg.: R.D.M. Verbeek, loc.: Wirosari (RGM 10442: 1 specimen, RGM 10443: 2 specimens); loc.: Yogyakarta (RGM 10444: 1 specimen, RGM 10446: 2 specimens).

Family Potamididae
Subfamily Potamidinae
Genus *Cerithidea*
Subgenus *Cerithidea* (*Cerithidea*)
*Cerithidea* (*?Cerithidea*) *babylonica* (Martin, 1884)

*Potamides* (*Cerithidea*) *babylonicus* Martin, 1884: 146, pl. 8, fig. 145.
*Potamides babylonicus* Martin – van der Vlerk, 1931: 250.
*Cerithidea* (*Cerithidea?*) *babylonica* (Martin) – Shuto, 1978: 121.
*Cerithidea* (*Cerithidea?*) *babylonicus* Martin – Skwarko & Sufiati, 1994: d2.

Holotype of *Potamides* (*Cerithidea*) *babylonicus* Martin, 1884, leg.: F. Junghuhn, loc.: Gunung Sela, strat.: Cilanang Formation, Upper Miocene (RGM 10714).

*Cerithidea* (*?Cerithidea*) *puruensis* (Martin, 1914)

*Rhinoclavis* (*Pseudovertagus*) *puruensis* Martin, 1914: 162, pl. 5, fig. 130.
*Cerithium puruensis* Martin – van der Vlerk, 1931: 249.
*Cerithidea* (*Cerithidea?*) *puruensis* (Martin) – Shuto, 1978: 123.
*Cerithidea puruensis* (Martin) – Piccoli & Savazzi, 1983: 37.
*Cerithidea* (*Cerithidea?*) *puruensis* (Martin) – Skwarko & Sufiati, 1994: d4.

Syntypes of *Rhinoclavis* (*Pseudovertagus*) *puruensis* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 47211: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 10393: 2 specimens, RGM 10394: 2 specimens).

Skwarko & Sufiati (1994) assigned sample RGM 10394 as the holotype. This would have counted as a lectotype selection, if the sample would not have contained two specimens. Since Skwarko & Sufiati (1994) did not indicate which of the two specimens they considered the holotype, all of the material is listed as syntypes.

*Cerithidea* (*Cerithidea*) *bandongensis* (Martin, 1879)

*Cerithium bandongense* Martin, 1879: 63, pl. 11, fig. 5.
*Potamides* (*Terebralia*) *bandongensis* Martin – Martin, 1899: 213.
*Potamides* (*Terebralia*) *bandongense* Martin – Martin, 1911: 46.
*Potamides bandongensis* Martin – van der Vlerk, 1931: 250.
*Cerithidea* (*Cerithidea*) *bandongense* (Martin) – Shuto, 1978: 122.
*Cerithidea* (*Cerithidea*) *bandongense* (Martin) – Skwarko & Sufiati, 1994: d2.

Holotype of *Cerithium bandongense* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10648).

Subgenus *Cerithidea* (*Cerithideopsilla*)
*Cerithidea* (*?Cerithideopsilla*) *cheribonensis* (Martin, 1906)

*Potamides cheribonensis* Martin, 1906: 320, pl. 45, fig. 742.
*Potamides cheribonensis* Martin – Martin, 1914: 167.
*Potamides cheribonensis* Martin – Martin, 1919: 94.
*Potamides cheribonensis* Martin – Martin, 1926: 10.
*Potamides cheribonensis* Martin – Siemon, 1929: 51.
*Potamides cheribonensis* Martin – van Es, 1931: 45.
*Potamides cheribonensis* Martin – van der Vlerk, 1931: 250.
*Potamides cheribonensis* Martin – Martin, 1932: 149.
*'Potamides' cheribonensis* Martin – Oostingh, 1935: 54.
*'Potamides' cheribonensis* Martin – van Regteren Altena, 1941: 6.
*Cerithidea* (*Cerithideopsilla?*) *cheribonensis* (Martin) – Shuto, 1978: 120.
*Cerithidea* (*Cerithideopsilla?*) *cheribonensis* (Martin) – Skwarko & Sufiati, 1994: d4.

Syntypes of *Potamides cheribonensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Ciyayar, strat.: Pliocene (RGM 10723: 1 specimen, RGM 10725: 4 specimens).

Skwarko & Sufiati (1994) indicated that there are also types in the GDRC collection in Bandung. This cannot be correct, since all five specimens available to Martin are at the NNM.

*Cerithidea* (*Cerithideopsilla*) *djadjariensis* (Martin, 1899)

*Potamides* (*Cerithidea*) *djadjariensis* Martin, 1899: 216, pl. 33, fig. 502.
*Potamides djadjariensis* Martin – Martin, 1919: 94.
*Potamides djadjariensis* Martin – Siemon, 1929: 40.
*Potamides djadjariensis* Martin – van Es, 1931: 45.
*Potamides djadjariensis* Martin – van der Vlerk, 1931: 250.
*Cerithidea* (*Cerithideopsilla*) *djadjariensis* (Martin) – van Regteren Altena, 1941: 9.
*Cerithidea* (*Cerithideopsilla*) *djadjariensis* – Shuto, 1978: 104.
*Cerithidea* (*Cerithideopsilla*) *djadjariensis* (Martin) – Shuto, 1978: 118.
*Cerithidea* (*Cerithideopsilla*) *djadjariensis* Martin – Skwarko & Sufiati, 1994: d5.

Holotype of *Potamides* (*Cerithidea*) *djadjariensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ciyayar, strat.: Pliocene (RGM 10696).

Skwarko & Sufiati (1994) indicated that there is also type material in the GRDC collection in Bandung. This cannot be correct, since Martin based his description on one specimen only.

*Cerithidea* (*Cerithideopsilla*) *jenkinsi* (Martin, 1879)

*Cerithium Jenkinsi* Martin, 1879: 65, pl. 11, fig. 6.
*Potamides* (*Tympanotomus*) *Jenkinsi* Martin – Martin, 1884: 147.
*Potamides* (*Cerithidea*) *Jenkinsi* Martin – Martin, 1890: 279.
*Potamides* (*Cerithidea*) *Jenkinsi* Martin – Martin, 1899: 215.
*Potamides Jenkinsi* Martin var – Martin, 1908: 9.
*Potamides* (*Cerithidea*) *Jenkinsi* Martin – Martin, 1912: 167.
*Potamides jenkinsi* Martin – Martin, 1919: 94.
*Potamides Jenkinsi* Martin – Martin, 1928: 7.
*Potamides Jenkinsi* Martin – Siemon, 1929: 40.
*Potamides jenkinsi* Martin(?) – Martin, 1931: 3.
*Potamides jenkinsi* Martin – van der Vlerk, 1931: 251.
*Potamides jenkinsi* Martin – Martin, 1932: 149.
*Cerithidea* (*Cerithideopsilla*) *cingulata* (Gmelin) – van Regteren Altena, 1941: 7.
*Cerithidea* (*Cerithideopsilla*) *cingulata* (Gmelin) – Shuto, 1977: 139.
*Cerithidea* (*Cerithideopsilla*) *jenkinsi* (Martin) – Shuto, 1978: 104.
*Cerithidea* (*Cerithidea*) *jenkinsi* (Martin) – Shuto, 1978: 119.
*Cerithidea* (*Cerithideopsilla*) *jenkinsi* (Martin) – Skwarko & Sufiati, 1994: d5.

Syntypes of *Cerithium Jenkinsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn Z, strat.: Pliocene (RGM 10688: 2 specimens).

*Cerithidea* (*Cerithideopsilla*) *preangerensis* (Martin, 1899)

*Potamides* (*Cerithidea*) *preangerensis* Martin, 1899: 217, pl. 33, figs. 503-506.
*Potamides preangerensis* Martin – Martin, 1911: 21.

*Potamides preangerensis* Martin – van der Vlerk, 1931: 251.
*Cerithidea* (*Cerithideopsilla*) *preangerensis* (Martin) – Shuto, 1978: 104.
*Cerithidea* (*Cerithideopsilla*) *preangerensis* Martin – Skwarko & Sufiati, 1994: d6.

Syntypes of *Potamides* (*Cerithidea*) *preangerensis* Martin, 1899, leg.: Martin-Icke, loc.: Nyalindung, strat.: Nyalindung Formation, Lower Miocene (RGM 10699: 21 specimens, RGM 10700: 8 specimens); leg.: R.D.M. Verbeek (RGM 10697: 3 specimens, RGM 10698: 10 specimens, RGM 10701: 27 specimens). Martin (1899: 217): 'Es sind 111 Exemplare vorhanden.' During the present inventarisation only 69 specimens were counted. Other specimens are probably lost.

*Cerithidea* (*Cerithideopsilla*) *sucabumiana* (Martin, 1899)

*Potamides* (*Cerithidea*) *sucabumianus* Martin, 1899: 215, pl. 33, fig. 501.
*Potamides sucabumianus* Martin – Martin, 1911: 21.
*Potamides sucabumianus* Martin – Martin, 1919: 94.
*Potamides* (*Cerithidea*) *sucabumianus* Martin – Martin, 1926: 9.
*Potamides sucabumianus* – Martin, 1928: 111.
*Potamides sucabumianus* Martin – van der Vlerk, 1931: 251.
*Cerithidea* (*Cerithideopsilla*) *sucabumianus* (Martin) – Oostingh, 1935: 54.
*Cerithidea* (*Cerithideopsilla*) *sucabumiana* (Martin) – Shuto, 1978: 120.
*Cerithidea* (*Cerithideopsilla*) *sucabumianus* Martin – Skwarko & Sufiati, 1994: d6.

Lectotype of *Potamides* (*Cerithidea*) *sucabumianus* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Nyalindung, strat.: Nyalindung Formation, Lower Miocene (RGM 10693).

Skwarko & Sufiati (1994) indicated RGM 10693 as the holotype, which counts as a lectotype selection. The original description was based on three specimens.

Genus *Telescopium*
Subgenus *Telescopium* (*Telescopium*)
*Telescopium* (*Telescopium*) *telescopium* (Linnaeus, 1758)

*Cerithium montis Selae* Martin, 1879: 66, pl. 12, fig. 1.
*Telescopium* (*telescopium*) *telescopium* (Linnaeus) – Skwarko & Sufiati, 1994: d10 (cum syn.).

Holotype of *Cerithium montis Selae* Martin, 1879, leg.: F. Junghuhn, loc.: Gunung Sela, strat.: Upper Miocene (RGM 10734).

Subgenus unknown
*Telescopium jogjacartense* (Martin, 1914)

*Potamides* (*Tymp.*)*? jogjacartensis* Martin, 1914: 163, pl. 5, fig. 131.
*Vicarya jogjacartensis* Martin – Martin, 1931: 40.
*Potamides jogjacartensis* Martin – van der Vlerk, 1931: 251.
*Telescopium jogjacartense* [sic] (Martin) – Shuto, 1978: 116.
*Telescopium jogjacartensis* Martin – Skwarko & Sufiati, 1994: d8.

Holotype of *Potamides* (*Tymp.*)*? jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 10580).

Apart from RGM 10580, Skwarko & Sufiati (1994) indicated J2513/163 from the GRDC collection (Bandung) as types. This is incorrect, since Martin based his description on one specimen only.

Genus *Terebralia*
Subgenus *Terebralia*
*Terebralia* (*Terebralia*) *kelirensis* (Martin, 1916)

*Cerithium* spec. 5 – Martin, 1911: 21.
*Potamides* (*Terebralia*) *kelirensis* Martin, 1916: 250, pl. 3, figs. 59-60.
*Potamides kelirensis* Martin – Martin, 1919: 94.
*Potamides kelirensis* Martin – Martin, 1922: 478.
*Potamides kelirensis* Martin – van der Vlerk, 1931: 251.
*Terebralia kelirensis* (Martin) – Beets, 1941: 44.
*Clypeomorus? kelirensis* (Martin) – Shuto, 1978: 155.
*Terebralia* (*Terebralia*) *kelirensis* (Martin) – Beets, 1987a: 17.
*Terebralia* (*Terebralia*) *kerilensis* (Martin) – Skwarko & Sufiati, 1994: d14.

Syntypes of *Potamides* (*Terebralia*) *kelirensis* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10658: 3 specimens); leg.: H. Martin-Icke (RGM 10657: 2 specimens); leg.: K. Martin (RGM 47045: 2 specimens).

Genus *Tympanotonus*
Subgenus *Tympanotonus* (*Tateiwaia*)
*Tympanotonus* (*Tateiwaia*) *beberkirianus* (Martin, 1884)

*Potamides* (*Tympanotomus*) *beberkirianus* Martin, 1884: 209, pl. 32, figs. 472-474.
*Potamides* (*Tympanotonus*) *beberkirianus* Martin – Martin, 1922: 472.
*Cerithium beberkirianus* Martin – Martin, 1928a: 7.
*Cerithium beberkirianus* – Martin, 1928b: 126.
*Cerithium beberkirianum* Martin – van der Vlerk, 1931: 248.
*Tateiwaia* (*Tympanotonus*) *beberkiriana* (Martin) – Shuto, 1978: 128.
*Tympanotonus* (*Tateiwaia*) *beberkiriana* Martin – Skwarko & Sufiati, 1994: d15.

Syntypes of *Potamides* (*Tympanotomus*) *beberkirianus* Martin, 1884, leg.: R.D.M. Verbeek, loc.: Ci Lanang, strat.: Upper Miocene (RGM 10461: 1 specimen, RGM 10468: 8 specimens, RGM 10571: 27 specimens); loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10464: 1 specimen, RGM 10465: 4 specimens); loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 10463: 1 specimen); loc.: Nyalindung, strat.: Nyalindung Formation, Lower Miocene (RGM 10460: 3 specimens, RGM 10466: 3 specimens, RGM 10470: 9 specimens, RGM 10471: 8 specimens, RGM 10576: 39 specimens).

Shuto (1978: 129) designated a figured specimen from RGM 10460 (Martin, 1899: pl. 32, fig. 474a) and one figured specimen from RGM 10461 (Martin, 1922: pl. 3, fig. 71a) syntypes for his species *Vicaryella martini*.

*Tympanotonus* (*Tateiwaia*) *merangianus* (Martin, 1921)

*Potamides* (*Tympanotonus*) *merangianus* Martin, 1921: 472, pl. 3, figs. 72-74.
*Potamides merangianus* Martin – van der Vlerk, 1931: 251.
*Tateiwaia merangianus* (Martin) – Shuto, 1978: 127.
*Tympanotonus* (*Tateiwaia*) *merangianus* (Martin) – Beets, 1983b: 25.
*Tympanotonus* (*Tateiwaia*) *merangianus* (Martin) – Skwarko & Sufiati, 1994: d15.

Syntypes of *Potamides* (*Tympanotonus*) *merangianus* Martin, 1921, collector unknown, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation,

Lower Miocene (RGM 10644: 7 specimens); leg.: H. Martin-Icke (RGM 10643: 3 specimens, RGM 10645: 32 specimens, RGM 10646: 9 specimens, RGM 47062: 4 specimens).

Subgenus unknown
*Tympanotonus jogjacartensis* (Martin, 1914)

*Cancellaria jogjacartensis* Martin, 1914: 128, pl. 2, fig. 57.
*Cancellaria jogjacartensis* Martin – van der Vlerk, 1931: 221.
*Tympanotonus jogjacartensis* Martin – Piccoli & Savazzi, 1983: 36.
*Tympanotonus jogjacartensis* (Martin) – Skwarko & Sufiati, 1994: d15.

Holotype of *Cancellaria jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7960).

Subfamily Batillariinae
Genus *Batillaria*
Subgenus *Batillaria* (*Batillaria*)
*Batillaria* (*?Batillaria*) *tjilonganensis* (Martin, 1899)

*Cerithium* (*s. str.*) *tjilonganense* Martin, 1899: 197, pl. 31, fig. 454.
*Cerithium* (*Vulgocerithium*) *tjilonganense* Martin – Martin, 1921: 470.
*Cerithium tjilonganense* Martin – van der Vlerk, 1931: 250.
*Batillaria* (*Batillaria?*) *tjilonganensis* – Shuto, 1978: 126.
*Batillaria* (*Batillaria?*) *tjilonganense* (Martin) – Skwarko & Sufiati, 1994: d1.

Holotype of *Cerithium* (*s. str.*) *tjilonganense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Selacai, strat.: Upper Miocene (RGM 10355).

Skwarko & Sufiati (1994) incorrectly indicated RGM 46979 as paratype. At the time of description Martin had only one specimen available.

*Batillaria* (*Batillaria*) *herklotsi* (Martin, 1879)

*Cerithium Herklotsi* Martin, 1879: 64, pl. 11, figs. 8-9.
*Potamides Herklotsi* Martin – Martin, 1899: 214.
*Potamides Herklotsi* Martin – Martin, 1922: 473.
*Potamides herklotsi* Martin – van der Vlerk, 1931: 250.
*Batillaria* (*Batillaria*) *herklotsi* (Martin) – Shuto, 1978: 124.
*Batillaria* (*Batillaria*) *herklotsi* (Martin). – Skwarko & Sufiati, 1994: d1.

Syntypes of *Cerithium Herklotsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10673: 1 specimen, RGM 10676: 8 specimens, RGM 10678: 9 specimens).

Skwarko & Sufiati (1994) indicated RGM 10667 as the holotype. This is incorrect, since this specimen was collected by Martin-Icke at Ciangsana postdating the description of the species.

Genus *Harrisianella*
*Harrisianella hochstetteri* (Martin, 1879)

*Potamides Hochstetteri* Martin, 1879: 66, pl. 11, fig. 7.
*Potamides* (*Cerithidea*) *Hochstetteri* Martin – Martin, 1899: 209.
*Potamides Hochstetteri* Martin – Martin, 1911: 21.
*Potamides Hochstetteri* Martin – Martin, 1919: 94.
*Potamides* (*Cerithidea*) *Hochstetteri* Martin – Martin, 1922: 471.
*Potamides Hochstetteri* – Martin, 1928: 115.
*Potamides hochstetteri* Martin – van Es, 1931: 34.
*Potamides hochstetteri* Martin – van der Vlerk, 1931: 250.
*Cerithidea* (*Cerithidea*) *hochstetteri* (Martin) – Beets, 1941: 38.
*Harrisianella hochstetteri* (Martin) – Shuto, 1978: 130.
*Harrisianella hochstetteri* (Martin) – Skwarko & Sufiati, 1994: d7.

Syntypes of *Potamides Hochstetteri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10712: 9 specimens).

Genus *Vicaryella*
*Vicaryella angsanana* (Martin, 1921)

*Potamides* (*Terebralia*) *angsananus* Martin, 1921: 473, pl. 3, fig. 75.
*Potamides angsananus* Martin – van der Vlerk, 1931: 250.
*Vicaryella angsanana* (Martin) – Shuto, 1978: 129.
*Vicaryella angsananus* – Skwarko & Sufiati, 1994: z137.

Holotype of *Potamides* (*Terebralia*) *angsananus* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 10647).

*Vicaryella martini* Shuto, 1978

*Vicaryella martini* Shuto, 1978: 129.

Syntypes of *Vicaryella martini* Shuto, 1978, leg.: R.D.M. Verbeek, loc.: Ci Lanang, strat.: Upper Miocene (RGM 10461: 1 specimen); loc.: Nyalindung, strat.: Nyalindung Formation, Lower Miocene (RGM 10460: 1 specimen).

These specimens are part of the type series of *Potamides* (*Tympanotus*) *beberkirianus* Martin, 1899. Shuto separated these specimens from RGM 10460 (specimen illustrated by Martin 1899, Pl. 32, fig. 474a) and RGM 10461. He incorrectly indicated that RGM 10461 is the specimen illustrated by Martin (1921, Pl. 3, fig. 71a) originating from Cilintung. The illustrated specimen is RGM 10462 and originated from Citalahab.

Family Pleuroceridae
Subfamily Melanatriinae
Genus *Melanatria*
*Melanatria cossmanni* (Martin, 1914)

*Faunus* (*Melanatria*) *Cossmanni* Martin, 1914: 167, pl. 5, figs. 140-142.
*Faunus cossmanni* Martin – van der Vlerk, 1931: 254.
*Faunus cossmanni* Martin – Piccoli & Savazzi, 1983: 36.
*Faunus* (*Melanatria*) *cossmanni* Martin – Skwarko & Sufiati, 1994: e3.

Syntypes of *Faunus* (*Melanatria*) *Cossmanni* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 11064: 3 specimens); leg.: K. Martin, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11063: 1 specimen, RGM 11065: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 47023: 1 specimen).

Genus *Brotia*
*Brotia variabilis* (Benson, 1836)

*Melania variabilis* – Benson, 1836: 746.
*Melania* (*Melanoides*) *soloënsis* spec. nov – Martin, 1905: 234, 237, Pl. 36, figs. 563-564.
*Melania soloensis* – Martin, 1919: 96.
*Melania soloensis* – van Es, 1931: 65,136.
*Melania soloënsis* Martin – van der Vlerk, 1931: 255.
*Brotia variabilis* (Benson) – van Benthem Jutting, 1937: 112.
*Melanoides soloensis* Martin – Skwarko & Sufiati, 1994: e8.

Syntypes of *Melania* (*Melanoides*) *soloënsis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Ngrawan, strat.: Quaternary? (RGM 10965: 2 specimens, RGM 10969: 6 specimens).

We follow the nomenclature of van Benthem Jutting (1937), whose work was not available to Skwarko & Sufiati (1994).

Family Turritellidae
Subfamily Turritellinae
Genus *Turritella*
Subgenus *Turritella* (*Turritella*)
*Turritella* (*Turritella*) *bandongensis* Martin, 1879

*Turritella bandongensis* Martin, 1879: 68, pl. 11, fig. 12.
*Turritella bandongensis* Martin – Martin, 1911: 47.
*Turritella bandongensis* Martin – van der Vlerk, 1931: 253.
*Turritella* (*Turritella*) *bandongensis* Martin – Shuto, 1974: 147.
*Turritella* (*Turritella*) *bandongensis* Martin – Shuto, 1978: 104.
*Turritella* (*Turritella*) *bandongensis* Martin – Skwarko & Sufiati, 1994: f9.

Holotype of *Turritella bandongensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10896).

*Turritella* (*Turritella*) *bantamensis* Martin, 1905

*Turritella bantamensis* Martin, 1905: 230, pl.35, figs. 539-540.
*Turritella bantamensis* Martin – Martin, 1911: 21.
*Turritella bantamensis* Martin – Zwierzycki, 1915: 106.
*Turritella bantamensis* Martin – van der Vlerk, 1931: 253.
*Turritella angulata bantamensis* Martin – Beets, 1947b: 201.
*Turritella* (*Turritella*) *terebra bantamensis* Martin – Shuto, 1969: 57.
*Turritella* (*Turritella*) *bantamensis* Martin – Shuto, 1974: 142.
*Turritella* (*Turritella*) *bantamensis* Martin – Shuto, 1977: 139.
*Turritella* (*Turritella*) *bantamensis bantamensis* Martin – Shuto, 1978: 103.
*Turritella* (*Turritella*) *bantamensis* Martin – Skwarko & Sufiati, 1994: f9.

Syntypes of *Turritella bantamensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Ci Manceuri, strat.: Miocene (RGM 10880: 2 specimens, RGM 10881: 9 specimens, RGM 10882: 6 specimens, RGM 10883: 2 specimens, RGM 10884: 1 specimen, RGM 10885: 2 specimens).

Skwarko & Sufiati (1994) listed RGM 10880 (p. f9) as type of *Turritella* (*Turritella*) *bantamensis* and RGM 10882 as holotype (p. f13) of *Zaria angulata bantamensis*.

*Turritella* (*Turritella*) *bantamensis tjicumpaiensis* Martin, 1905

*Turritella tjicumpaiensis* Martin, 1905: 232, pl. 35, figs. 549-550.
*Turritella tjicumpaiensis* Martin – van der Vlerk, 1931: 254.
*Turritella* (*Turritella*) *bantamensis tjicumpaiensis* Martin – Shuto, 1974: 144.
*Turritella* (*Turritella*) *bantamensis tjicumpaiensis* Martin – Shuto, 1978: 103.
*Turritella* (*Turritella*) *bantamensis tjicumpaiensis* Martin – Skwarko & Sufiati, 1994: f9.

Syntypes of *Turritella tjicumpaiensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Cikumpay, strat.: Pliocene (RGM 10904: 2 specimens, RGM 10905: 4 specimens).

*Turritella* (*Turritella*) *producta* Martin, 1922

*Turritella* (*s. str.*) *bant.* var. *producta* Martin, 1922: 474, pl. 3, fig. 77.
*Turritella bantamensis* Martin prior *producta* Martin – van der Vlerk, 1931: 253.
*Turritella* (*Turritella*) *producta* Martin – Shuto, 1974: 145.
*Turritella producta* Martin – Shuto, 1977: 134.
*Turritella* (*Turritella*) *producta* Martin – Skwarko & Sufiati, 1994: f10.

Syntypes of *Turritella* (*s. str.*) *bant.* var. *producta* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 10887: 4 specimens); loc.: Citalahab (RGM 10886: 2 specimens, RGM 10888: 6 specimens); loc.: between Ciangsana and Cimerang (RGM 10889: no specimens present).

The sample RGM 10889 is missing in the collection and probably lost.

*Turritella* (*Turritella*) *terebra talahabensis* Martin, 1905

*Turritella bantamensis* var. *talahabensis* Martin, 1905: 230, pl. 35, figs. 542-545.
*Turritella bantamensis* var. *talahabensis* Martin – Martin, 1922: 474.
*Turritella bantamensis* Martin prior *talahabensis* Martin – van der Vlerk, 1931: 253.
*Turritella* (*Turritella*) *terebra talahabensis* Martin – Shuto, 1974: 145.
*Turritella terebra talahabensis* Martin – Shuto, 1977: 134.
*Turritella* (*Turritella*) *terebra talahabensis* Martin – Shuto, 1978: 103.
*Turritella* (*Turritella*) *terebra talahabensis* Martin – Skwarko & Sufiati, 1994: f11.

Syntypes of *Turritella bantamensis* var. *talahabensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10890: 4 specimens, RGM 10891: 14 specimens).

Subgenus *Turritella* (*Archimediella*)
*Turritella* (*Archimediella*) *spolongensis* Martin, 1916

*Turritella spolongensis* Martin, 1916: 256, pl. 3, fig. 73.
*Turritella spolongensis* Martin – van der Vlerk, 1931: 253.
*Archimediella* (*Toruloidella*) *spolongensis* (Martin) – Shuto, 1974: 21.
*Archimediella* (*Toruloidella*) *spolongensis* (Martin) – Shuto, 1977: 134.
*Turritella* (*Archimediella*) *spolongensis* Martin – Skwarko & Sufiati, 1994: f5.

Syntypes of *Turritella spolongensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10916: 2 specimens); leg.: K. Martin (RGM 47073: 1 specimen).

Subgenus *Turritella* (*Haustator*)
*Turritella* (*Haustator*) *sedanensis* Martin, 1905

*Turritella sedanensis* Martin, 1905: 234, pl. 35, fig. 554.
*Turritella sedanensis* – Martin, 1912: 159.
*Turritella sedanensis* Martin – Martin, 1914: 331.
*Turritella sedanensis* Martin – Martin, 1916: 255.
*Turritella subulata* var. *sedanensis* Martin – Martin, 1919: 96.
*Turritella subulata* prior *sedanensis* Martin – van der Vlerk, 1931: 254.
*Turritella subulata* prior *sedanensis* Martin – Haanstra & Spiker, 1932: 1097.
*Turritella subulata* Martin var. *sedanensis* Martin – Wanner & Hahn, 1935: 233.
*Turritella subulata* Martin var. *sedanensis* Martin – Pannekoek, 1936: 7.

*Turritella sedanensis* Martin – Oostingh, 1938: 511.
*Haustator* (*Kourosioia*) *sedanensis* (Martin) – Shuto, 1974: 150.
*Haustator* (*Kourosioia*) *sedanensis* (Martin) – Shuto, 1977: 134.
*Haustator* (*Kourosioia*) *sedanensis* (Martin) – Shuto, 1978: 104.
*Turritella* (*Haustator*) *sedanensis* Martin – Skwarko & Sufiati, 1994: f6.

Holotype of *Turritella sedanensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 10931).

### *Turritella* (*Haustator*) *subulata* Martin, 1884

*Turritella subulata* Martin, 1884: 173, pl. 9, fig. 168.
*Turritella subulata* Martin – Martin, 1916: 255.
*Turritella subulata* Martin – van der Vlerk, 1931: 254.
*Turritella subulata* Martin – Wanner & Hahn, 1935: 260.
*Turritella subulata* Martin – Beets, 1941: 9.
*Haustator* (*Kurosioia*) *subulata* (Martin) – Shuto, 1974: 151.
*Haustator* (*Kurosioia*) *subulata* (Martin) – Shuto, 1977: 139.
*Haustator* (*Kurosioia*) *subulata* (Martin) – Shuto, 1978: 104.
*Turritella* (*Haustator*) *subulata* Martin – Skwarko & Sufiati, 1994: f7.

Syntypes of *Turritella subulata* Martin, 1884, leg.: P. van Dijk, loc.: Blakan Kebon Borehole, 0-20m, strat.: Pliocene (RGM 10927: 2 specimens).

### *Turritella* (*Haustator*) *teschi* Martin, 1916

*Turritella Teschi* Martin, 1916: 255, pl. 3, fig. 72.
*Turritella Teschi* Martin – van der Vlerk, 1931: 254.
*Haustator* (*Kurosioia*) *teschi* (Martin) – Shuto, 1974: 153.
*Haustator* (*Kurosioia*) *teschi* (Martin) – Shuto, 1977: 134.
*Turritella* (*Haustator*) *teschi* Martin – Skwarko & Sufiati, 1994: f8.

Syntypes of *Turritella Teschi* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10936: 7 specimens); leg.: H. Martin-Icke (RGM 10935: 1 specimen); leg.: K. Martin (RGM 47037: 3 specimens).

## Subgenus unknown

### *Turritella asperula* Brogniart, 1823

*Turritella* (*Haustator*) sp. ind – Boettger, 1883: 138.
*Turritella Boettgeri* Martin, 1884: 175, pl. 9, fig. 169.
*Turritella* (*Haustator*) *Boettgeri* Martin – Martin, 1914: 165.
*Turritella boettgeri* Martin – van der Vlerk, 1931: 253.
*Haustator* (*Kurosioia*) *boettgeri* (Martin) – Shuto, 1974: 149.
*Turritella* (*Kurosioia*) *boettgeri* (Martin) – Shuto, 1978: 104.
*Turritella boetgeri* Martin (= *T. asperulla* Brogn.) – Zacchello, 1984: 382.
*Turritella asperula* Brongniart – Skwarko & Sufiati, 1994: f1.

Syntypes of *Turritella Boettgeri* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Miocene (RGM 10937: 2 specimens).

Skwarko & Sufiati (1994: f1) also indicated RGM 10940 as type. This is incorrect. Sample RGM 10940 contains the specimen illustrated by Martin (1914, Pl. 5, fig. 135) and was collected after the species was published.

### *Turritella cingulifera* Sowerby, 1825

*Turritella vulgaris* Martin, 1884: 172, pl. 9, fig. 167.
*Turritella vulgaris* Martin – Martin, 1890: 279.
*Turritella vulgaris* Martin – Boettger, 1908: 233.
*Turritella cingulifera* Sowerby – Skwarko & Sufiati, 1994: f2.

Syntypes of *Turritella vulgaris* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole I, strat.: Pliocene (RGM 10924: 4 specimens); , RGM 10921: breccia with many specimens, RGM 10925: breccia with many specimens); loc.: Batavia Borehole IV, 130-134 m (RGM 10920: 1 specimen, RGM 10926: 3 specimens); loc.: Batavia Borehole V, 74 m (RGM 10918: 1 specimen).

## Genus *Zaria*

### *Zaria angulata djadjariensis* (Martin, 1905)

*Turritella duplicata* Lamarck – Martin, 1879: 69, pl. 11, fig. 13 (= RGM 10856).
*Turritella djadjariensis* Martin, 1905: 228, pl. 34, figs. 532-533.
*Turritella djadjariensis* spec. nov. – Martin, 1905: 228-230, pl. 34, figs. 532-538.
*Turritella djadjariensis* Martin – Martin, 1912: 168.
*Turritella djadjariensis* Martin – Martin, 1914: 200.
*Turritella djadjariensis* Martin – Martin, 1919: 95.
*Turritella djadjariensis* Martin – Martin, 1926: 9.
*Turritella djadjariensis* – Martin, 1928: 115.
*Turritella djadjariensis* Martin – Siemon, 1929: 40.
*Turritella djadjariensis* Martin – van Es, 1931: 45.
*Turritella djadjariensis* Martin – van der Vlerk, 1931: 253.
*Turritella djadjariensis* Martin – Oostingh, 1935: 5.
*Turritella djadjariensis* Martin – van Regteren Altena, 1938: 307.
*Turritella angulata djadjariensis* Martin – Beets, 1941: 194.
*Zaria djadjariensis* (Martin) – Shuto, 1974: 141.
*Turritella* (*Zaria*) *angulata djadjariensis* Martin, 1905 – Beets, 1987a: 10-11, fig. 2.
*Turritella djadjariensis* Martin – Premonowati, 1990: 37.
*Zaria angulata djadjariensis* (Martin) – Skwarko & Sufiati, 1994: f13.

Syntypes of *Turritella djadjariensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Ciyayar or Ciodeng, strat.: Pliocene (RGM 10854: 2 specimens, RGM 10864: 2 specimens, RGM 10867: 7 specimens, RGM 10873: 2 specimens, RGM 10874: 1 specimen); leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10856: 2 specimens).

Martin (1905: 228-229) described *Turritella djadjariensis* as 'ungemein veränderlich' and spoke of a 'typische Form (*a*)' and of varieties *b* to *f*. Only those specimens indicated as the typical form (variety *a*) or without an indication of variety have been included in the type series (ICZN Art. 72b1). RGM 10860 (form *b*), RGM 10858 and RGM 10866 (form *c*), RGM 10859 and RGM 10861 (form *d*), RGM 10870 (form *e*) and RGM 10857 (form *f*) are therefore excluded from the typeseries. In the original description Martin mentioned 83 specimens (80 from Tji Djadjar, 2 from Tji Odeng and one from Junghuhn O). 104 specimens were counted during the present inventory.

### *Zaria cramatensis* (Martin, 1905)

*Turritella cramatensis* Martin, 1905: 231, pl. 35, figs. 546-547.
*Turritella cramatensis* Martin – van der Vlerk, 1931: 253.
*Zaria cramatensis* (Martin) – Shuto, 1974: 141.
*Zaria cramatensis* (Martin) – Shuto, 1975: 291.
*Zaria cramatensis* (Martin) – Shuto, 1977: 134.
*Zaria cramatensis* (Martin) – Shuto, 1978: 107.
*Zaria crematensis* [sic] (Martin) – Skwarko & Sufiati, 1994: f14.

Syntypes of *Turritella cramatensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Kramat, strat.: Upper Miocene (RGM 10898: 2 specimens, RGM 10899: 5 specimens).

*Zaria javana* (Martin, 1882)

*Turritella javana* Martin, 1882: 233, pl. 11, fig. 27.
*Turritella javana* Martin – Martin, 1884: 171.
*Turritella javana* Martin – Martin, 1905: 227.
*Turritella javana* – Martin, 1911: 21.
*Turritella javana* – Martin, 1928b: 127.
*Turritella javana* Martin – Siemon, 1929: 40.
*Turritella javana* Martin – van der Vlerk, 1931: 253.
*Zaria javana* (Martin) – Shuto, 1974: 140.
*Zaria javana* (Martin) – Skwarko & Sufiati, 1994: f15.

Syntype of *Turritella javana* Martin, 1882, leg.: R.D.M. Verbeek, loc.: Gunung Sela, strat.: Lower Miocene (RGM 10834: 1 specimen).

The description was based on four specimens. There are over 200 specimens in the collection. Further study should reveal which of those should be the three other members of the typeseries.

*Zaria martini* (Cossmann, 1913)

*Turritella acuticarinata* Dkr. – Martin, 1905: 226.
*Turritella martini* Cossmann, 1913: 63, .
*Zaria martini* (Cossmann) – Shuto, 1974: 139.
*Zaria martini* (Cossmann) – Skwarko & Sufiati, 1994: f15.

Syntypes of *Turritella martini* Cossmann, 1913, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10810: 3 specimens, RGM 10815: 5 specimens, RGM 10817: various specimens in a block of matrix, RGM 10818: 207 specimens, RGM 10820: 99 specimens, RGM 10821: 5 specimens, RGM 10824: 10 specimens); leg.: R.D.M. Verbeek (RGM 10816: 8 specimens, RGM 10825: 9 specimens, RGM 10826: breccia with many specimens).

Family Siliquariidae
Genus *Siliquaria*
*Siliquaria obtusiformis* Martin, 1905

*Tenagodes obtusiformis* Martin, 1905: 224, pl. 34, fig. 517.
*Tenagodes obtusiformis* Martin – Martin, 1919: 95.
*Tenogodes obtusiformis* Martin – Martin, 1928: 6.
*Tenogodes obtusiformis* Martin – van der Vlerk, 1931: 252.
*Tenogodes obtusiformis* Martin – Haanstra & Spiker, 1932: 1097.
*Tenogodes obtusiformis* Martin – Wanner & Hahn, 1935: 260.
*Tenogodes obtusiformis* Martin – Pannekoek, 1936: 7.
*Tenagodus* (*Tenagodus*) *obtusiformis* Martin – Beets, 1983b: 25.
*Tenagodus* (*Tenagodus*) *obtusiformis* Martin – Skwarko & Sufiati, 1994: h8.

Syntypes of *Tenagodes obtusiformis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Lower Miocene (RGM 10792: 1 specimen); loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 10793: 1 specimen).

Family Vermetidae
Genus *Vermetus*
Subgenus *Vermetus* (*Lemintina*)
*Vermetus* (*Lemintina*) *javanus* Martin, 1879

*Vermetus javanus* Martin, 1879: 77, pl. 14, fig. 13.
*Vermetus javanus* Martin – Martin, 1884: 170.
*Vermetus javanus* Martin – Martin, 1895: 38.
*Vermetus javanus* Martin – Martin, 1900: 177.
*Vermetus javanus* Martin – Martin, 1905: 223.
*Vermetus javanus* Martin – Martin, 1909: 9.
*Vermetus javanus* Martin – Martin-Icke, 1911: 47.
*Vermetus javanus* Martin – Martin, 1916: 254.
*Vermetus javanus* Martin – Martin, 1919: 95.
*Vermetus javanus* Martin – Tesch, 1920: 59. .
*Vermetus javanus* Martin – Martin, 1928: 111.
*Vermetus javanus* Martin – Siemon, 1929: 54.
*Vermetus javanus* Martin – van Es, 1931: 44.
*Vermetus javanus* Martin – van der Vlerk, 1931: 253.
*Vermetus javanus* Martin – Haanstra & Spiker, 1932: 1096.
*Vermetus javanus* Martin – Wanner & Hahn, 1935: 233.
*Vermetus* cf. *javanus* Martin – Pannekoek, 1936: 7.
*Vermetus* (*Lemintina*) *javanus* Martin – van Regteren Altena, 1938: 317.
*Vermetus* (*Lemintina*) *javanus* Martin – Beets, 1941: 33.
*Dendropoma javana* (Martin) – Shuto, 1969: 60.
*Serpulorbis javanus* (Martin) – Shuto, 1977: 139.
*Vermetus* (*Lemintina*) *javanus* Martin – Beets, 1983c: 50.
*Vermetus* (*Lemintina*) *javanus* Martin, 1879 – Beets, 1987a: 16.
*Vermetus* (*Lemintina*) *javanus* Martin – Skwarko & Sufiati, 1994: h11.

Syntypes of *Vermetus javanus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn P, strat.: Miocene (RGM 10773: 2 specimens); loc.: Junghuhn Z, strat.: Pliocene (RGM 10777: 3 specimens, RGM 10779: 2 specimens).

Subgenus unknown
*Vermetus dijki* Martin, 1884

*Vermetus Dijki* Martin, 1884: 170, pl. 9, fig. 165.
*Vermetus dijki* Martin – van der Vlerk, 1931: 252.
*Vermetus dijki* Martin – Skwarko & Sufiati, 1994: h9.

Holotype of *Vermetus Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 10789).

*Vermetus junghuhni* Martin, 1879

*Vermetus junghuhni* Martin, 1879: 78, pl. 14, fig. 14.
*Vermetus junghuhni* Martin – van der Vlerk, 1931: 253.
*Vermetus dijki* Martin – Skwarko & Sufiati, 1994: h10.

Syntypes of *Vermetus junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 10790: 6 specimens, RGM 10791: 3 specimens).

Superfamily Stromboidea
Family Strombidae
Genus *Strombus*
Subgenus *Strombus* (*Strombus*)
*Strombus* (*Strombus*) *glaber* Martin, 1879

*Strombus glaber* Martin, 1879: 49, pl. 9, fig. 6.
*Strombus* (*s. str.*) *glaber* Martin – Martin, 1906: 319.
*Strombus* (*s. str.*) *glaber* Martin? – Icke & Martin, 1907b: 239.
*Strombus glaber* Martin – van der Vlerk, 1931: 246.
*Strombus* (*Strombus*) *glaber* Martin – Shuto, 1978: 103.
*Strombus* (*Strombus*) *glaber* Martin – Skwarko & Sufiati, 1994: g20.

Holotype of *Strombus glaber* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10212).

### *Strombus* (*Strombus*) *maximus* Martin, 1882

*Strombus maximus* Martin, 1882: 19, pl. 9, fig. 1.
*Strombus* (*s.str.*) *maximus* Martin – Martin, 1899: 175.
*Strombus maximus* Martin – van der Vlerk, 1931: 247.
*Strombus maximus* Martin – Shuto, 1977: 134.
*Strombus* (*Strombus*) *maximus* Martin – Skwarko & Sufiati, 1994: g20.

Syntypes of *Strombus maximus* Martin, 1882, collector unknown, loc.: Cidamar, strat.: Upper Miocene (RGM 19922: 1 specimen); leg.: F. Junghuhn, loc.: Gunung Sela (RGM 10163: 1 specimen).

### *Strombus* (*Strombus*) *palabuanensis* Martin, 1899

*Strombus* (*s. str.*) *palabuanensis* Martin, 1899: 185, pl. 30, fig. 430.
*Strombus palabuanensis* Martin – van der Vlerk, 1931: 247.
*Strombus palabuanensis* Martin – Skwarko & Sufiati, 1994: g21.

Holotype of *Strombus* (*s. str.*) *palabuanensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Upper Miocene (RGM 10216).

### *Strombus* (*Strombus*) *preoccupatus* Finlay, 1927

*Strombus spinosus* Martin, 1882: 122, pl. 7, fig. 3.
*Strombus* (*s.str.*) *spinosus* Martin – Martin, 1899: 175.
*Strombus spinosus* Martin – Martin, 1911: 8.
*Strombus spinosus* Martin – Martin, 1919: 91.
*Strombus* (*s.str.*) *spinosus* Martin – Martin, 1921: 468.
*Strombus preoccupatus* nom. nov. pro *Strombus spinosus* Martin, 1899 non Linnaeus, 1767 – Finlay, 1927: 502.
*Strombus spinosus* Martin – van der Vlerk, 1931: 247.
*Strombus* (*Strombus*) *preoccupatus* Finlay – Beets, 1941: 1.
*Strombus spinosus* Martin – Oostingh, 1941: 22.
*Strombus* (*Strombus*) *preoccupatus* Finlay – Beets, 1981b: 20.
*Strombus* (*Strombus*) *preoccupatus* Finlay – Beets, 1987a: 22.
*Strombus* (*Strombus*) *preoccupatus* Finlay – Skwarko & Sufiati, 1994: g21.

Syntypes of *Strombus spinosus* Martin, 1882, leg.: F. Junghuhn, loc.: Podjok, strat.: Tertiary (RGM 10166: 1 specimen); collector unknown, loc.: Wirosari (RGM 10175: 2 specimens, RGM 10176: 1 specimen); loc.: Yogyakarta (RGM 10173: 4 specimens, RGM 10174: 2 specimens).

### *Strombus* (*Strombus*) *sedanensis* Martin, 1899

*Strombus* (*s. str.*) *sedanensis* Martin, 1899: 180, pl. 29, fig. 416.
*Strombus sedanensis* Martin – Martin, 1912: 159.
*Strombus sedanensis* Martin – Martin, 1914: 330.
*Strombus sedanensis* Martin – van der Vlerk, 1931: 247.
*Strombus sedanensis* Martin – Haanstra & Spiker, 1932: 1097.
*Strombus sedanensis* Martin – Pannekoek, 1936: 52.
*Strombus* (*Strombus*) *sedanensis* Martin – Beets, 1941: 192.
*Canarium sedanensis* (Martin) – Shuto, 1977: 134.
*Strombus* (*Dolomena*) *sedanensis* Martin – Shuto, 1978: 103.
*Strombus* (*Strombus*) *sedanensis* Martin – Beets, 1987a: 24.
*Strombus* (*Strombus*) *sedanensis* Martin – Skwarko & Sufiati, 1994: g22.

Syntypes of *Strombus* (*s. str.*) *sedanensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 10195: 1 specimen, RGM 10198: 1 specimen).

### *Strombus* (*Strombus*) *tjilonganensis* Martin, 1899

*Strombus inflatus* Martin, 1879: 48, pl. 9, fig. 3.
*Strombus inflatus* Martin. (pars) – Martin, 1883: 197.
*Strombus* (*s. str.*) *tjilonganensis* Martin, 1899: 177, pl. 43, fig. 410,411; pl. 44, fig. 412.
*Strombus tjilonganensis* Martin – van der Vlerk, 1931: 247.
*Strombus* (*Strombus*) *tjilonganensis* Martin – Skwarko & Sufiati, 1994: g22.

Syntypes of *Strombus inflatus* Martin, 1879, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 10177: 2 specimens). RGM 10177 contains the specimens described and illustrated as *Strombus inflatus* by Martin (1882, Pl. 9, fig. 3).

Syntypes of *Strombus* (*s. str.*) *tjilonganensis* Martin, 1899, collector unknown, loc.: Selacai, strat.: Upper Miocene (RGM 10178: 3 specimens).

### *Strombus* (*Strombus*) *tuberosus* Martin, 1882

*Strombus tuberosus* Martin, 1882: 196, pl. 9, fig. 2.
*Strombus* (*s.str.*) *tuberosus* Martin var – Martin, 1899: 179.
*Strombus* (*s.str.*) *tuberosus* Martin – Martin, 1921: 468.
*Strombus tuberosus* – Martin, 1928: 125.
*Strombus tuberosus* Martin – van der Vlerk, 1931: 247.
*Strombus* (*Strombus*) *tuberosus* Martin – Skwarko & Sufiati, 1994: g23.

Holotype of *Strombus tuberosus* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 10190).

### Subgenus *Strombus* (*Labiostrombus*)
### *Strombus* (*Labiostrombus*) *fennemai* Martin, 1899

*Strombus* (*s. str.*) *Fennemai* Martin, 1899: 181, pl. 29, figs. 418-420.
*Strombus Fennemai* Martin – Martin, 1908: 9.
*Strombus Fennemai* Martin – Martin-Icke, 1911: 47, 56.
*Strombus Fennemai* Martin (pars) – Martin, 1919: 19.
*Strombus fennemai* Martin – van der Vlerk, 1931: 246.
*Strombus* (*Labiostrombus*) *fennemai* Martin – van Regteren Altena, 1941: 50.
*Strombus fennemai* Martin – Cox, 1948: 27. .
*Labiostrombus fennemai* (Martin) – Shuto, 1977: 135.
*Strombus* (*Libiostrombus*) [sic] *fennemai* (Martin) – Shuto, 1978: 109.
*Strombus* (*Labiostrombus*) *fennemai* Martin – Skwarko & Sufiati, 1994: g16.

Syntypes of *Strombus* (*s. str.*) *Fennemai* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 10205: 1 specimen); loc.: Sonde (RGM 10202: 3 specimens, RGM 10203: 4 specimens); loc.: Watulumbung (RGM 10206: 1 specimen).

The description was based on 19 specimens. Skwarko & Sufiati (1994) indicated that type material is stored in the GRDC collection (Bandung). If this is correct, this must be material exchanged with the NNM.

### *Strombus* (*Labiostrombus*) *kemedjingensis* Martin, 1916

*Strombus* (*Gallinula*) *kemedjingensis* Martin, 1916: 246, pl. 2, fig. 47.
*Strombus kemidjingensis* – Martin, 1928: 126.
*Strombus kemidjingensis* Martin – van der Vlerk, 1931: 247.
*Strombus* (*Labiostrombus*) *kemidjingensis* Martin – Skwarko & Sufiati, 1994: g16.

Syntypes of *Strombus* (*Gallinula*) *kemedjingensis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10237: 1 specimen); leg.: H. Martin-Icke (RGM 10241: 5 specimens); leg.: K. Martin (RGM 47312: 3 specimens); collector unknown, loc.: Kali Kemejing (RGM 10239: 1 specimen); leg.: H. Martin-Icke (RGM 10240: 1 specimen, RGM 10242: 17 specimens); leg.: K. Martin (RGM 47075: 3 specimens).

### *Strombus* (*Labiostrombus*) *madiunensis* Martin, 1899

*Strombus* (*s. str.*) *madiunensis* Martin, 1899: 183, pl. 29, fig. 422.
*Strombus madiunensis* Martin – Martin, 1908: 9.
*Strombus madiunensis* Martin – Martin, 1919: 91.
*Strombus madiunensis* Martin – Fischer, 1927: 33.
*Strombus madiunensis* Martin – van Es, 1931: 95.
*Strombus madiunensis* Martin – van der Vlerk, 1931: 247.
*Strombus madiunensis* Martin – van der Vlerk, 1932: 111.
*Strombus* (*Labiostrombus*) *madiunensis* Martin – van Regteren Altena, 1941: 51.
*Strombus* (*Labiostrombus*) *madiunensis* Martin – Skwarko & Sufiati, 1994: g17.

Syntype of *Strombus* (*s. str.*) *madiunensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10211: 1 specimen).

The description was based on two specimens. Skwarko & Sufiati (1994) indicated that type material is in the GRDC collection in Bandung. This can only be correct if the second type has been exchanged with Bandung.

### *Strombus* (*Labiostrombus*) *martini* Oostingh, 1935

*Strombus* (*s. str.*) *isabella* var. *thersites* Martin, 1899: 184, pl. 30, figs. 424-425.
*Strombus isabella* Lamarck var. *thersilis* – Martin, 1899: 184, pl. 30, figs. 423-425.
*Strombus Isabella* Lamarck, var. *Thersites* Martin – Fischer, 1927: 33.
*Strombus thersites* Martin – Martin, 1928: 8, 17, 25.
*Strombus thersites* Martin – van der Vlerk, 1931: 247.
*Strombus isabella* Lamarck var. *thersites* Martin – van der Vlerk, 1932: 111.
*Strombus* (*Labiostrombus*) *varinginensis martini* nom. nov. pro *Strombus thersites* Martin non Gray – Oostingh, 1935: 57.
*Strombus* (*Labiostrombus*) *varinginensis martini* – van Regteren Altena, 1941: 49.
*Strombus* (*Labiostrombus*) *martini* Oostingh – Cox, 1948: 24, pl. 2, fig. 9a-b.
*Strombus* (*Labiostrombus*) *martini* Oostingh – Skwarko & Sufiati, 1994: g17.

Syntypes of *Strombus* (*s. str.*) *isabella* var. *thersites* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 10226: 6 specimens, RGM 10228: 1 specimen); loc.: Sonde (RGM 10222: 1 specimen).

### *Strombus* (*Labiostrombus*) *rutteni* van Regteren Altena, 1941

*Strombus* spec. 1 – Martin-Icke, 1911: 47.
*Strombus* (*Labiostrombus*) *rutteni* van Regteren Altena, 1941: 53, fig. 15.
*Strombus* (*Labiostrombus*) *rutteni* Altena – Skwarko & Sufiati, 1994: g18.

Holotype of *Strombus* (*Labiostrombus*) *rutteni* van Regteren Altena, 1941, collector unknown, loc.: Padasmalang, strat.: Pliocene (RGM 10256). Sample RGM 10256 contains also 4 paratypes.

### *Strombus* (*Labiostrombus*) *triangulatus* Martin, 1879

*Strombus triangulatus* Martin, 1879: 49, pl. 9, fig. 5.
*Strombus* (*s.str.*) *triangulatus* Martin – Martin, 1899: 186.
*Strombus triangulatus* Martin – Martin, 1911: 41.
*Strombus triangulatus* Martin – Martin, 1919: 111.
*Strombus triangulatus* – Martin, 1928: 125.
*Strombus triangulatus* Martin – van der Vlerk, 1931: 247.
*Strombus* (*Labiostrombus*) *triangulatus* Martin – Beets, 1987c: 107.
*Strombus* (*Labiostrombus*) *triangulatus* Martin – Skwarko & Sufiati, 1994: g18.

Syntypes of *Strombus triangulatus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10217: 3 specimens, RGM 10218: 4 specimens, RGM 10227: 1 specimen).

The description was based on eleven specimens.

### *Strombus* (*Labiostrombus*) *varinginensis* Martin, 1899

*Strombus* (*s. str.*) *varinginensis* Martin, 1899: 184, pl. 30, figs. 426-429.
*Strombus* (*Gallinula*) *varinginensis* Martin – Martin, 1916: 246.
*Strombus varinginensis* Martin – Martin, 1919: 91.
*Strombus varinginensis* Martin – van der Vlerk, 1931: 247.
*Strombus* (*Labiostrombus*) *varinginensis varinginensis* Martin – Oostingh, 1935: 56.
*Strombus* (*Labiostrombus*) *varinginensis* Martin – Cox, 1948: 25-26, pl. 2, fig. 3a-b.
*Labiostrombus varinginensis* (Martin) – Shuto, 1977: 135.
*Strombus* (*Strombus*) *varingiensis* [sic] – Shuto, 1978: 103.
*Strombus* (*Labiostrombus*) *varinginensis* Martin – Skwarko & Sufiati, 1994: g19.

Syntypes of *Strombus* (*s. str.*) *varinginensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 10231: 4 specimens, RGM 10232: 5 specimens); loc.: Pangkah (RGM 10234: 1 specimen).

### Subgenus unknown
### *Strombus herklotsi* Martin, 1879

*Strombus inflatus* Martin, 1879: 48, pl. 9, fig. 3.
*Strombus inflatus* nov. spec – Martin, 1879: 48, pl. 9, fig. 3.
*Strombus Herklotsi* Martin, 1879: 48, pl. 9, fig. 4.
*Strombus* (*s. str.*) *Herklotsi* Martin – Martin, 1899: 178.
*Strombus herklotsi* Martin – Martin, 1911: 20.
*Strombus herklotsi* Martin – van der Vlerk, 1931: 246.
*Strombus herklotsi* Martin – Skwarko & Sufiati, 1994: g12.

Syntypes of *Strombus Herklotsi* Martin, 1879, collector unknown, loc.: Junghuhn K, strat.: Upper Miocene (RGM 10186: 2 specimens); leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10179: 1 specimen, RGM 10180: 4 specimens).

Holotype of *Strombus inflatus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10183).

### *Strombus javanus* Martin, 1879

*Strombus javanus* Martin, 1879: 47, pl. 9, fig. 2.
*Strombus javanus* Martin – van der Vlerk, 1931: 246.
*Strombus javanus* Martin – Skwarko & Sufiati, 1994: g13.

Syntypes of *Strombus javanus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 10208: 1 specimen, RGM 10209: 1 specimen).

The description was based on eight specimens.

### *Strombus junghuhni* Martin, 1879

*Strombus Junghuhni* Martin, 1879: 47, pl. 9, fig. 1.
*Strombus junghuhni* Martin – van der Vlerk, 1931: 246.
*Strombus junghuhni* Martin – Skwarko & Sufiati, 1994: g13.

Holotype of *Strombus Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 10243).

### *Strombus sondeianus* Martin, 1906

*Strombus sondeianus* Martin, 1906: 319, pl. 45, figs. 739-740.
*Strombus sondeianus* Martin – van der Vlerk, 1931: 247.
*Strombus sondeianus* Martin – Skwarko & Sufiati, 1994: g13.

Syntypes of *Strombus sondeianus* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10255: 2 specimens).

## Genus *Canarium*

### *Canarium gedinganense* (Martin, 1899)

*Strombus* (*Canarium*) *gedinganensis* Martin, 1899: 187, pl. 30, figs. 432-433.
*Strombus gedinganensis* Martin – Martin, 1908: 9.
*Strombus* (*Canarium*) *gedinganensis* Martin – Martin-Icke, 1911: 49.
*Strombus gedinganensis* Martin – Martin, 1919: 91.
*Strombus gedinganensis* Martin – van der Vlerk, 1931: 246.
*Canarium gedinganensis* Martin – Skwarko & Sufiati, 1994: g1.

Syntypes of *Strombus* (*Canarium*) *gedinganensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10244: 3 specimens).

### *Canarium rembangense* (Martin, 1899)

*Strombus* (*s. str.*) *rembangensis* Martin, 1899: 180, pl. 29, fig. 417.
*Strombus rembangensis* Martin – Martin, 1912: 159.
*Strombus rembangensis* Martin – van der Vlerk, 1931: 247.
*Strombus rembangensis* Martin – Pannekoek, 1936: 7.
*Strombus* (*Labiostrombus*) *rembangensis* Martin – Beets, 1947a: 41.
*Canarium rembangensis* (Martin) – Shuto, 1977: 134.
*Canarium rembangensis* (Martin) – Skwarko & Sufiati, 1994: g2.

Holotype of *Strombus* (*s. str.*) *rembangensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 10199).

### *Canarium spolongense* (Martin, 1916)

*Strombus* (*Canarium*) *spolongensis* Martin, 1916: 245, pl. 2, fig. 46.
*Strombus spolongensis* Martin – van der Vlerk, 1931: 247.
*Canarium spolongensis* Martin – Skwarko & Sufiati, 1994: g3.

Syntypes of *Strombus* (*Canarium*) *spolongensis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10252: 4 specimens, RGM 10254: 29 specimens); leg.: H. Martin-Icke (RGM 10253: 10 specimens); leg.: K. Martin (RGM 47001: 4 specimens).

### *Canarium unifasciatum* (Martin, 1884)

*Strombus* (*Canarium?*) *unifasciatus* Martin, 1884: 143, pl. 8, fig. 142.
*Strombus* (*Canarium*) *unifasciatus* Martin – Martin, 1899: 187.
*Strombus unifasciatus* Martin – Martin, 1911: 46.
*Strombus unifasciatus* Martin – Martin, 1919: 91.
*Strombus unifasciatus* – Martin, 1928: 111.
*Strombus unifasciatus* Martin – van der Vlerk, 1931: 247.
*Strombus* (*Canarium*) *unifasciatus* Martin – Beets, 1941: 65.
*Canarium unifasciatus* Martin – Skwarko & Sufiati, 1994: g3.

Syntype of *Strombus* (*Canarium?*) *unifasciatus* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Miocene (RGM 10249: 1 specimen).

The description is based on two specimens. However, it is not clear which of the other 8 specimens in the collection is the other type specimen.

## Genus *Dientomochilus*

### *Dientomochilus cancellatus spiniferus* (Martin, 1899)

*Rostellaria* (*Rimella*) *spinifera* Martin, 1899: 192, pl. 30, figs. 447-448.
*Rimella cancellata* – Cossmann, 1903: 166, pl. 6, fig. 14-15.
*Rimella spinifera* Martin – Martin, 1914: 158.
*Rimella spinifera* Martin – Martin, 1919: 92.
*Rostellaria cancellata* var. *spinifera* Martin – Fischer, 1927: 33.
*Rimella* (*Rimella*) *spinifera* – Martin, 1928: 8.
*Rimella spinifera* Martin – van der Vlerk, 1931: 245.
*Rimella* (*Dientomochilus*) *cancellata spinifera* – van Regteren Altena, 1941: 42.
*Rimella cancellata spinifera* (Martin) – van Regteren Altena & Beets, 1945: 38.
*Rimella* (*Dientomochilus*) *cancellata* (Lamarck) var. *spinifera* Martin – Cox, 1948: 31, pl. 2, fig. 2, 6a-c.
*Rimella* (*Dientomochilus*) *cancellata spinifera* (Martin) – Beets, 1987a: 21.
*Dientomochilus cancellata spinifera* (Martin) – Skwarko & Sufiati, 1994: g5.

Syntypes of *Rostellaria* (*Rimella*) *spinifera* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 10304: 2 specimens).

### *Dientomochilus gerthi* (Pannekoek, 1936)

*Rimella* (*Dientomochilus*) *gerthi* Pannekoek, 1936: 47, pl. 2, figs. 26-27.
*Dientomochilus gerthi* Pannekoek – Skwarko & Sufiati, 1994: g6.

Syntypes of *Rimella* (*Dientomochilus*) *gerthi* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Lower Miocene (RGM 10284: 1 specimen, RGM 10285: 1 specimen).

Pannekoek also mentioned four specimens in the 'collection Mijnwezen'.

### *Dientomochilus ickei* Martin, 1914

*Dientomochilus Ickei* Martin, 1914: 159, pl. 5, fig. 124.
*Dientomochilus Ickei* Martin – Martin, 1931: 37.

*Dientomochilus ickei* Martin – van der Vlerk, 1931: 245.
*Dientomochilus ickei* Martin – Skwarko & Sufiati, 1994: g6.

Syntype of *Dientomochilus Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 10330: 1 specimen).

Martin based his description also on specimens from collections investigated by Boettger.

*Dientomochilus javanus* (Martin, 1899)

*Rostellaria* (*Rimella*) *javana* Martin – Martin, 1899: 192.
*Rostellaria javana* Martin, 1899: 192, pl. 39, figs. 445-446.
*Rostellaria javana* Martin – Martin, 1911: 20.
*Rimella javana* Martin – Martin, 1914: 158.
*Rimella javana* Martin – Martin, 1919: 92.
*Rimella javana* Martin – Martin, 1921: 469.
*Rimella javana* Martin – Martin, 1928: 115.
*Rimella javana* Martin – Martin, 1931: 3.
*Rimella javana* Martin – van der Vlerk, 1931: 245.
*Rimella* (*Dientomochilus*) *javana* Martin – Beets, 1941: 64.
*Dientomochilus javanus* (Martin) – Shuto, 1977: 134.
*Rimella* (*Dientomochilus*) *javana* (Martin) – Beets, 1985a: 5.
*Rimella* (*Dientomochilus*) *javana* (Martin) – Beets, 1987a: 21.
*Dientomochilus javana* (Martin) – Skwarko & Sufiati, 1994: g6.

Syntypes of *Rostellaria javana* Martin, 1899, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10288: 4 specimens).

*Dientomochilus longirostra* (Pannekoek, 1936)

*Rimella* (*Dientomochilus*) *longirostra* Pannekoek, 1936: 48, .
*Dientomochilus longirostra* Pannekoek – Skwarko & Sufiati, 1994: g7.

Syntypes of *Rimella* (*Dientomochilus*) *longirostra* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Lower Miocene (RGM 10282: 3 specimens, RGM 10283: 13 specimens).

Pannekoek described this species from 'many specimens' in the NNM (Leiden) and GI-UvA (Amsterdam) collections.

*Dientomochilus martini* (Pannekoek, 1936)

*Rimella* (*Dientomochilus*) *martini* Pannekoek, 1936: 49, pl. 2, fig. 28.
*Dientomochilus martini* Pannekoek – Skwarko & Sufiati, 1994: g7.

Syntypes of *Rimella* (*Dientomochilus*) *martini* Pannekoek, 1936, leg.: Gonggrijp, loc.: Lodan, strat.: Lower Miocene (RGM 10286: 31 specimens).

*Dientomochilus monodactylus* (Martin, 1884)

*Aporrhais monodactylus* Martin, 1884: 144, pl. 8, fig. 144.
*Dientomochilus monodactylus* Martin – Martin, 1914: 159.
*Dientomochilus monodactylus* Martin – van der Vlerk, 1931: 245.
*Dientomochilus monodactylus* Martin – Skwarko & Sufiati, 1994: g7.

Holotype of *Aporrhais monodactylus* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 10329).

Genus *Jogjacartanus*
*Jogjacartanus sultani* (Martin, 1914)

*Chenopus* (*Maussenetia*)*? Sultani* Martin, 1914: 160, pl. 5, fig. 127.
*Jogjacartanus Sultani* Martin – Martin, 1931: 36.
*Jogjacartanus sultani* Martin – van der Vlerk, 1931: 245.
*Jogjacartanus sultani* (Martin) – Skwarko & Sufiati, 1994: g8.

Holotype of *Chenopus* (*Maussenetia*)*? Sultani* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 10351).

Genus *Rimella*
*Rimella mordax* Martin, 1916

*Rimella mordax* Martin, 1916: 246, pl. 2, fig. 49.
*Rimella sokkohensis* Martin, 1916: 247, pl. 2, fig. 50.
*Rimella mordax* Martin – van der Vlerk, 1931: 245.
*Rimella sokkohensis* Martin – van der Vlerk, 1931: 245.
*Rimella mordax* Martin – Skwarko & Sufiati, 1994: g10.
*Rimella sokkohensis* Martin – Skwarko & Sufiati, 1994: g10.

Syntypes of *Rimella mordax* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10324: 1 specimen); leg.: H. Martin-Icke (RGM 10325: 7 specimens); leg.: K. Martin (RGM 47041: 2 specimens).

Syntypes of *Rimella sokkohensis* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10328: 1 specimen); leg.: H. Martin-Icke (RGM 10326: 1 specimen, RGM 10327: 5 specimens).

*Rimella semicancellata* (Martin, 1899)

*Rostellaria* (*Rimella*) *semicancellata* Martin, 1899: 194, pl. 31, fig. 451.
*Rostellaria semicancellata* Martin – Martin, 1912: 159.
*Rimella semicancellata* Martin – Martin, 1914: 158.
*Rimella semicancellata* Martin – van der Vlerk, 1931: 245.
*Rimella semicancellata* Martin – Skwarko & Sufiati, 1994: g10.

Holotype of *Rostellaria* (*Rimella*) *semicancellata* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 10310).

Skwarko & Sufiati (1994) incorrectly indicated P. J4458 (GRDC collection, Bandung) as the type.

*Rimella tjilonganensis* (Martin, 1899)

*Rostellaria* (*Rimella*) *tjilonganensis* Martin, 1899: 193, pl. 31, fig. 449.
*Rimella tjilonganensis* Martin – Martin, 1914: 158.
*Rimella tjilonganensis* Martin – van der Vlerk, 1931: 246.
*Rimella tjilonganensis* Martin – Skwarko & Sufiati, 1994: g11.

Syntypes of *Rostellaria* (*Rimella*) *tjilonganensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Selacai, strat.: Upper Miocene (RGM 10308: 1 specimen, RGM 10309: 2 specimens); loc.: near Cilintung (RGM 10305: 1 specimen, RGM 10306: 2 specimens).

Genus *Seraphs*
*Seraphs squamosum* (Martin, 1914)

*Terebellum* (*Seraphs*) *squamosum* Martin, 1914: 160, pl. 5, fig. 125.
*Terebellum* (*Seraphs*) *squamosum* Martin – Martin, 1931: 38.
*Terebellum squamosum* Martin – van der Vlerk, 1931: 248.

*Seraphs* (*Seraphs*) *squamosum* (Martin) – Jung, 1974: 25.
*Seraphs squamosum* (Martin) – Piccoli & Savazzi, 1983: 37.
*Seraphs squamosum* Martin – Skwarko & Sufiati, 1994: g25.

Syntypes of *Terebellum* (*Seraphs*) *squamosum* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 10347: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 10346: 1 specimen, RGM 47217: 2 specimens); collector unknown, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 10343: 1 specimen); leg.: K. Martin (RGM 10344: 1 specimen, RGM 10345: 2 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 10348: 1 specimen).

Genus *Terebellum*
Subgenus *Terebellum* (*Terebellum*)
*Terebellum* (*Terebellum*) *cinctum* Martin, 1916

*Terebellum* (*s. str.*) *cinctum* Martin, 1916: 248, pl. 2, fig. 53.
*Terebellum cinctum* Martin – van der Vlerk, 1931: 248.
*Terebellum cinctum* Martin – Jung, 1974: 42.
*Terebellum* (*Terebellum*) *cinctum* Martin – Skwarko & Sufiati, 1994: g24.

Holotype of *Terebellum* (*s. str.*) *cinctum* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10337).

*Terebellum* (*Terebellum*) *papilliferum* Martin, 1916

*Terebellum* (*s. str.*) *papilliferum* Martin, 1916: 248, pl. 2, figs. 51-52.
*Terebellum papilliferum* Martin – Martin, 1928: 8.
*Terebellum papilliferum* Martin – van der Vlerk, 1931: 248.
*Terebellum papilliferum* Martin – Jung, 1974: 43.
*Terebellum* (*Terebellum*) *papilliferum* Martin – Skwarko & Sufiati, 1994: g24.

Syntypes of *Terebellum* (*s. str.*) *papilliferum* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10339: 2 specimens); leg.: H. Martin-Icke (RGM 10341: 21 specimens, RGM 47059: 2 specimens).

Genus *Tibia*
Subgenus *Tibia* (*Tibia*)
*Tibia* (*Tibia*) *verbeeki* (Martin, 1899)

*Rostellaria* (*s. str.*) *Verbeeki* Martin, 1899: 189, pl. 30, figs. 439-440.
*Rostellaria verbeeki* Martin – Martin, 1911: 20.
*Rostellaria verbeeki* Martin – Martin, 1914: 330.
*Rostellaria verbeeki* Martin – van der Vlerk, 1931: 246.
*Rostellaria verbeeki* Martin – Haanstra & Spiker, 1932: 1101.
*Tibia verbeeki* Martin – Shuto, 1977: 134.
*Tibia* (*Tibia*) *verbeeki* Martin – Shuto, 1978: 108.
*Tibia* (*Tibia*) *verbeeki* (Martin) – Beets, 1985a: 5.
*Tibia* (*Tibia*) *verbeeki* (Martin) – Beets, 1985c: 54.
*Tibia* (*Tibia*) *verbeeki* (Martin) – Beets, 1987a: 21.
*Tibia* (*Tibia*) *verbeeki* (Martin) – Skwarko & Sufiati, 1994: g28.
*Rostellaria verbeeki* Martin – Skwarko & Sufiati, 1994: y7.

Syntypes of *Rostellaria* (*s. str.*) *Verbeeki* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Upper Miocene (RGM 10271: 2 specimens); loc.: Selacai (RGM 10272: 1 specimen).

The description was based on eight specimens from Selacau and one from Ciodeng.

Subgenus *Tibia* (*Rostellariella*)
*Tibia* (*Rostellariella*) *butaciana* (Martin, 1899)

*Rostellaria* (*s. str.*) *butaciana* Martin, 1899: 190, pl. 30, figs. 441-442.
*Rostellaria butaciana* Martin – van der Vlerk, 1931: 246.
*Rostellaria* (s.str.) *butaciana* Martin – Wanner & Hahn, 1935: 235.
*Tibia* (*Rostellariella*) *butaciana* (Martin) – Beets, 1983a: 5.
*Tibia* (*Rostellariella*) *butaciana* (Martin) – Skwarko & Sufiati, 1994: g26.

Syntypes of *Rostellaria* (*s. str.*) *butaciana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Lower Miocene (RGM 10278: 2 specimens, RGM 10279: 1 specimen).

Subgenus *Tibia* (*Sulcogladius*)
*Tibia* (*Sulcogladius*) *powisii* (Petit, 1840)

*Rostellaria* (*s. str.*) *Powisii modesta* Martin, 1899: 191, pl. 30, figs. 443-444.
*Rostellaria Powisii* var. *modesta* Martin – Martin, 1919: 92.
*Rostellaria Powisii* prior *modesta* Martin – van der Vlerk, 1931: 246.
*Tibia* (*Sulcogladius*) *powisii modesta* (Martin) – Wissema, 1947: 91.
*Tibia* (*Sulcogladius*) *powisii modesta* (Martin) – Shuto, 1969: 72.
*Tibia powisii modesta* (Martin) – Shuto, 1977: 135.
*Tibia* (*Sulcogladius*) *powisii* (Petit) var. *modesta* (Martin) – Beets, 1983a: 5.
*Tibia* (*Sulcogladius*) *powisii* (Petit) – Robba et al., 1989: 76, pl. 1 fig. 3, pl. 6 fig. 7.
*Tibia* (*Sulcogladius*) *powisii* (Petit) – Skwarko & Sufiati, 1994: g26.
*Rostellaria pevisii* [sic] *modesta* Martin – Skwarko & Sufiati, 1994: y7.

Syntypes of *Rostellaria* (*s. str.*) *Powisii modesta* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10280: 2 specimens).

Superfamily Hipponicoidea
Family Vanikoridae
Genus *Vanikoro*
*Vanikoro javana* Martin, 1914

*Vanikoroia javana* Martin, 1914: 170, pl. 6, fig. 148.
*Vanikoroia javana* Martin – Martin, 1931: 42.
*Vanikoroia javana* Martin – van der Vlerk, 1931: 257.
*Vanikoro javana* (Martin) – Skwarko & Sufiati, 1994: h2.

Holotype of *Vanikoroia javana* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11159).

Superfamily Crepiduloidea
Family Crepidulidae
Genus *Crepidula*
Subgenus *Crepidula* (*Siphopatella*)
*Crepidula* (*Siphopatella*) *walchi* Reeve, 1859

*Crepidula* (*Ergea*) *scutum* Martin, 1884: 169, pl. 9, fig. 164.
*Crepidula scutum* Martin – Martin, 1919: 98, 119, 124.
*Crepidula scutum* Martin – van der Vlerk, 1931: 257.
*Crepidula* (*Siphopatella*) *walchi* (Herrmannsen MS.) Reeve – Oostingh, 1935b: 42-43.
*Crepidula* (*Siphopatella*) *walshi* Reeve – Skwarko & Sufiati, 1994: h3.

Holotype of *Crepidula* (*Ergea*) *scutum* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole IV, 6 m, strat.: Quaternary (RGM 11131).

Genus *Calyptraea*
Subgenus *Calyptraea* (*Calyptraea*)
*Calyptraea* (*Calyptraea*) *tudung* Martin, 1905

*Calyptraea* (*s. str.*) *tudung* Martin, 1905: 251, pl. 41, fig. 676.
*Calyptraea tudung* Martin – Martin, 1919: 98.
*Calyptraea tudung* Martin – Siemon, 1929: 54.
*Calyptraea tudung* Martin – van der Vlerk, 1931: 256.
*Calyptraea* (*Calyptraea*) *tudung* Martin – van Regteren Altena, 1941: 37.
*Calyptraea* (*Calyptraea*) [sic] *tudung* Martin – Skwarko & Sufiati, 1994: h3.

Holotype of *Calyptraea* (*s. str.*) *tudung* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Ci Manceuri, strat.: Quaternary (RGM 11132).

The type is in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

Family Capulidae
Genus *Capulus*
*Capulus junghuhni* Martin, 1905

*Capulus* (*s. str.*) *Junghuhni* Martin, 1905: 250, pl. 41, fig. 673.
*Capulus Junghuhni* Martin – Martin, 1928: 6.
*Capulus junghuhni* Martin – van der Vlerk, 1931: 257.
*Capulus junghuhni* Martin – Skwarko & Sufiati, 1994: h4.

Holotype of *Capulus* (*s. str.*) *Junghuhni* Martin, 1905, leg.: F. Junghuhn, unknown locality, strat.: Tertiary (RGM 11129).

Superfamily Xenophoroidea
Family Xenophoridae
Genus *Xenophora*
Subgenus *Xenophora* (*Tugurium*)
*Xenophora* (*Tugurium*) *dunkeri* Martin, 1879

*Xenophora Dunkeri* Martin, 1879: 71, pl. 12, fig. 7.
*Xenophora* (*Tugurium*) *Dunkeri* Martin – Martin, 1905: 253.
*Xenophora dunkeri* Martin – Martin-Icke, 1911: 49.
*Xenophora dunkeri* Martin – Zwierzycki, 1915: 106.
*Xenophora dunkeri* Martin – van der Vlerk, 1931: 257.
*Xenophora* (*Tugurium*) *dunkeri* Martin – Skwarko & Sufiati, 1994: h7.

Syntypes of *Xenophora Dunkeri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11146: 5 specimens); loc.: Junghuhn L, strat.: Neogene (RGM 11144: 1 specimen, RGM 11148: 1 specimen); loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 11149: 1 specimen); loc.: Junghuhn R, strat.: Upper Miocene (RGM 11147: 1 specimen).

Superfamily Cypraeoidea
Family Cypraeidae
Genus *Cypraea*
Subgenus *Cypraea* (*Aricia*)
*Cypraea* (*Aricia*) *beberkiriana* Martin, 1899

*Cypraea* (*Aricia*) *beberkiriana* Martin, 1899: 171, pl. 27, figs. 393-395.
*Cypraea beberkiriana* Martin – Martin, 1911: 20.
*Cypraea beberkiriana* Martin – van der Vlerk, 1931: 243.
*Cypraea* (*Aricia*) *beberkiriana* Martin – Skwarko & Sufiati, 1994: i9.

Syntypes of *Cypraea* (*Aricia*) *beberkiriana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Beberkiri river, strat.: Nyalindung Formation, Lower Miocene (RGM 10087: 3 specimens, RGM 10089: 4 specimens, RGM 10090: 1 specimen, RGM 10091: 1 specimen, RGM 10092: 5 specimens).

The description was based on 39 specimens.

*Cypraea* (*Aricia*) *simplicissima* Martin, 1899

*Cypraea* (*Aricia*) *simplicissima* Martin, 1899: 167, pl. 26, fig. 384.
*Cypraea simplicissima* Martin – van der Vlerk, 1931: 243.
*Cypraea simplicissima* Martin – von Kutassy, 1934: 315.
*Cypraea* (*Aricia*) *simplicissima* Martin – Skwarko & Sufiati, 1994: i10.

Holotype of *Cypraea* (*Aricia*) *simplicissima* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 10063).

Subgenus *Cypraea* (*Luponia*)
*Cypraea* (*Luponia*) *junghuhni* Martin, 1899

*Cypraea* (*Luponia*) *Junghuhni* Martin, 1899: 172, pl. 27, fig. 398.
*Cypraea Junghuhni* Martin – Martin, 1911: 20.
*Cypraea junghuhni* Martin – van der Vlerk, 1931: 244.
*Cypraea* (*Luponia*) *junghuhni* Martin – Skwarko & Sufiati, 1994: i11.

Holotype of *Cypraea* (*Luponia*) *Junghuhni* Martin, 1899, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10101).

Subgenus *Cypraea* (*Paulonaria*)
*Cypraea* (*Paulonaria*) *conjunctedentata* Schilder, 1932

*Paulonaria conjunctedentata* Schilder, 1932: 264, .
*Paulonaria conjunctedentata* Schilder – Schilder, 1942: 196.
*Paulonaria conjunctedentata* Schilder – Skwarko & Sufiati, 1994: i24.

Holotype of *Paulonaria conjunctedentata* Schilder, 1932, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10135).

Sample RGM 10135 contains three specimens: the holotype of *Paulonaria conjunctedentata* Schilder, 1932, and the holo- and paratype of *Paulonaria? sokkohensis* Schilder, 1937.

*Paulonaria selatjauensis* Schilder, 1932

*Cypraea Everwijni* Martin, 1884: 140, .
*Paulonaria selatjauensis* Schilder – Schilder, 1937: 196.
*Paulonaria selatjanensis* [sic] Schilder – Skwarko & Sufiati, 1994: i24.

Holotype of *Cypraea Everwijni* Martin, 1884, leg.: P. van Dijk, loc.: Selacai, strat.: Upper Miocene (RGM 10137).

Schilder (1937) indicated the specimen illustrated by Martin as the holotype of *Cypraea everwijni* Martin, 1884, which counts as a lectotype selection. The paralectotype of *C. everwijni* is the holotype of *Paulonaria selatjauensis* Schilder, 1932.

Subgenus unknown
*Cypraea bensoni* (Finlay, 1927)

*Cypraea ovata* Martin, 1879: 21, pl. 4, fig. 1.
*Cypraea bensoni* nom. nov. pro *Cypraea ovata* Martin, 1879 non Gmelin, 1791 – Finlay, 1927: 501.
*Cypraea burialensis* nom. nov. pro *Cypraea ovata* Martin, 1879 – Martin, 1928a: 125.

*Cypraea burialensis* Martin – van der Vlerk, 1931: 243.
*Cypraea ovata* Martin – van der Vlerk, 1931: 244.
*Cypraea bensoni* Finlay – Skwarko & Sufiati, 1994: i3.

Holotype of *Cypraea ovata* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10078).

Martin (1928) introduced the name *C. burialensis* and was apparently not aware of the work of Finlay, 1927.

### *Cypraea gampingensis* Martin, 1912

*Cypraea* (*Pustularia*) *gampingensis* Martin, 1912: 135, pl. 9, fig. 2.
*Cypraea gampingensis* Martin – van der Vlerk, 1931: 244.
*Cypraea gampingensis* (Martin) – Skwarko & Sufiati, 1994: i5.

Holotype of *Cypraea* (*Pustularia*) *gampingensis* Martin, 1912, leg.: Feuilletau de Bruijn, loc.: Gunung Gamping, Yogyakarta, strat.: Eocene? (RGM 10132).

## Genus *Barycypraea*
### *Barycypraea murisimilis* (Martin, 1879)

*Cypraea subtatragona* Martin, 1879: 21, pl. 4, fig. 2.
*Cypraea murisimilis* Martin, 1879: 21, pl. 4, fig. 3.
*Cypraea murisimilis* Martin var. – Martin, 1883: 230, pl. 10 fig. 25.
*Cypraea* (*Aricia*) *caput-viperae* Martin, 1899: 169, pl. 27, figs. 389-392.
*Cypraea subtetragona* – Martin, 1899: 21, pl. 4, fig. 2.
*Cypraea caput-viperae* Martin – Martin, 1911: 20.
*Cypraea murisimilis* Martin – Martin, 1911: 20.
*Cypraea murisimilis* Martin – Martin, 1919: 90.
*Cypraea caput-viperae* Martin – Martin, 1919: 90.
*Cypraea murisimilis* – Martin, 1928: 115.
*Cypraea caput-viperae* Martin – van der Vlerk, 1931: 243.
*Cypraea murisimilis* Martin – van der Vlerk, 1931: 244.
*Cypraea caput-viperae* Martin – Oostingh, 1934: 20.
*Zoila* (*Barycypraea*) *murisimilis* (Martin) – Beets, 1941: 83.
*Barycypraea murisimilis* (Martin) – Skwarko & Sufiati, 1994: i1.

Holotype of *Cypraea murisimilis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10066).

Syntype of *Cypraea subtatragona* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 10068: 1 specimen).

Syntypes of *Cypraea* (*Aricia*) *caput-viperae* Martin, 1899, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 10083: 1 specimen); leg.: R.D.M Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10080: 4 specimens, RGM 10081: 1 specimen); leg.: R.D.M. Verbeek, loc.: Sindangsari, strat.: Miocene (RGM 10086: 1 specimen).

The description was based on 6 specimens: 5 from Locality O and one from Locality K. Specimen RGM 10068 is the only one of which one can be sure that it belonged to the typeseries. RGM 10070 (Coll. 'Batavia' Verbeek, Locality O, 1 specimen) and RGM 10077 (Coll.Verbeek No. 11.IV = Locality O) probably belong to this typeseries as well.

## Genus *Blasicrura*
### Subgenus *Blasicrura* (*Blasicrura*)
### *Blasicrura* (*Blasicrura*) *quadrimaculata insculpta* (Martin, 1899)

*Cypraea* (*s. str.*) *insculpta* Martin, 1899: 166, pl. 26, fig. 382.
*Cypraea insculpta* Martin – van der Vlerk, 1931: 244.
*Blasicrura* (*Blasicrura*) *quadrimaculata insculpta* (Martin) – Schilder, 1942: 191.
*Blasicrura* (*Blasicrura*) *quadrimaculata insculpta* (Martin) – Skwarko & Sufiati, 1994: i21.

Holotype of *Cypraea* (*s. str.*) *insculpta* Martin, 1899, leg.: R.D.M. Verbeek, loc.: ? Sonde, strat.: Pliocene? (RGM 10061).

## Genus *Cypraedia*
### *Cypraedia conigera* (Martin, 1914)

*Cypraea* (*Cypraedia*) *conigera* Martin, 1914: 156, pl. 5, fig. 121.
*Cypraea conigera* Martin – van der Vlerk, 1931: 243.
*Cypraea conigera* Martin – Piccoli & Savazzi, 1983: 37.
*Cypraedia conigera* Martin – Skwarko & Sufiati, 1994: i12.

Holotype of *Cypraea* (*Cypraedia*) *conigera* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 10138).

### *Cypraedia feuilletaui* (Martin, 1912)

*Cypraea* (*Cypraedia*) *Feuilletaui* Martin, 1912: 134, pl. 9, fig. 1.
*Cypraea feuilletaui* Martin – van der Vlerk, 1931: 244.
*Cypraedia feuilletaui* Martin – Skwarko & Sufiati, 1994: i13.

Syntypes of *Cypraea* (*Cypraedia*) *Feuilletaui* Martin, 1912, leg.: Feuilletau de Bruijn, loc.: Gunung Gamping, Yogyakarta, strat.: Eocene? (RGM 10131: 2 specimens).

## Genus *Erosaria*
### Subgenus *Erosaria* (*Erosaria*)
### *Erosaria* (*Erosaria*) *pliostaphylaea* Schilder, 1927

*Erosaria* (*Erosaria*) *pliostaphylaea* Schilder, 1927: 106, .
*Erosaria* (*Erosaria*) *pliostaphylaea* Schilder – Schilder, 1937: 202.
*Erosaria* (*Erosaria*) *pliostaphylaea* Schilder – Schilder, 1942: 181.
*Erosaria* (*Erosaria*) *pliostaphylaea* Schilder – Skwarko & Sufiati, 1994: i15.

Holotype of *Erosaria* (*Erosaria*) *pliostaphylaea* Schilder, 1927, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10123).

Skwarko & Sufiati (1994) incorrectly indicated P.J4515A (Bandung collection) as the type.

## Genus *Erronea*
### Subgenus *Erronea* (*Erronea*)
### *Erronea* (*Erronea*) *cheribonensis* Schilder, 1932

*Cypraea* (*Luponia*) *sondeiana* Martin, 1899: 173, pl. 28, fig. 405.
*Erronea cheribonensis* n. sp. – Schilder, 1932: 268 .
*Erronea* (*Erronea*) *cheribonensis* Schilder – Schilder, 1937: 198.
*Erronea* (*Erronea*) *cheribonensis* Schilder – Schilder, 1942: 188.
*Erronea* (*Erronea*) *cheribonensis* Schilder – Skwarko & Sufiati, 1994: i20.

Holotype of *Cypraea* (*Luponia*) *sondeiana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 10118: 1 specimen).

Schilder (9132) based *Erronea cheribonensis* on *Cypraea* (*Luponia*) *sondeiana* Martin, 1899: 173, pl. 28 fig. 405 (= RGM 10118). Therefore RGM 10118 is the holotype of *E. cheribonensis* as well as syntype of *C. sondeiana*.

Subgenus *Erronea* (*Adusta*)
*Erronea* (*Adusta*) *biplicata* (Schilder, 1932)

*Cypraea* (*Luponia*) *sondeiana* Martin, 1899: 173, pl. 28, fig. 404.
*Cypraea* (*Luponia*) *sondeiana* Martin – Martin-Icke, 1911: 47.
*Adusta biplicata* n. sp. – Schilder, 1932: 267.

Holotype of *Cypraea* (*Luponia*) *sondeiana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 10113: 1 specimen); loc.: Menengteng Gorge, Waled, Ceribon (RGM 10116: 1 specimen).

Schilder (1932) based his description on *Cypraea* (*Luponia*) *sondeiana* var. 1 Martin, 1899. This variety (which Martin considered part of the normal intraspecific variation of *C. sondeiana*) was described from Cikeusik. Schilder, however, also included a specimen from the Menengteng Gorge in his description of *Adusta biplicata*. Martin described two specimens of *Cypraea sondeiana* from the Menengteng Gorge. Since one of these was described by Schilder (1932) as the type of *Erronea cheribonensis*, we assume that the second specimen is the paratype of *Adusta biplicata*. *A. biplicata* was not listed by Skwarko & Sufiati (1994).

*Erronea* (*Adusta*) *ijzermani* Schilder, 1932

*Erronea* (*Adusta*) *ijzermani* Schilder, 1937: 197.
*Erronea* (*Adusta*) *ijzermani* Schilder – Skwarko & Sufiati, 1994: i17.

Holotype of *Erronea* (*Adusta*) *ijzermani* Schilder, 1937, leg.: Gonggrijp, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 10121). RGM 10121 contains 7 specimens: the holotype and 6 paratypes.

*Erronea* (*Adusta*) *sondeiana* (Martin, 1899)

*Cypraea* (*Luponia*) *sondeiana* Martin, 1899: 173, pl. 28, fig. 403.
*Cypraea* (*Luponia*) *sondeiana* Martin – Martin, 1911: 47.
*Cypraea sondeiana* Martin – van der Vlerk, 1931: 245.
*Erronea* (*Adusta*) *sondeiana* Martin – Pannekoek, 1936: 47.
*Erronea* (*Adusta*) *sondeiana* (Martin) – Schilder, 1937: 202.
*Erronea* (*Adusta*) *sondeiana* (Martin) – Schilder, 1942: 186.
*Erronea* (*Adusta*) *sondeiana* (Martin) – Cox, 1948: 34.
*Erronea* (*Adusta*) *sondeiana* (Martin) – Skwarko & Sufiati, 1994: i19.

Lectotype of *Cypraea* (*Luponia*) *sondeiana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10119).

Schilder (1937: 197) indicated the specimen from Sonde illustrated by Martin (1899, Pl. 28, fig. 403 = RGM 119) as the holotype, which counts as a lectotype selection.

The description was based on six specimens from Sonde, two from the Menengteng Gorge and one from Cikeusik. According to Skwarko & Sufiati (1994) type material is stored in the GRDC collection in Bandung.

Subgenus *Erronea* (*Cribaria*)
*Erronea* (*Cribaria*) *cincta* (Martin, 1899)

*Cypraea* (*Luponia*) *cincta* Martin, 1899: 172, pl. 27, figs. 399-401.
*Cypraea cincta* Martin – Martin, 1912: 159.
*Cypraea cincta* Martin – van der Vlerk, 1931: 243.
*Erronea* (*Cribaria*) *cincta* Martin – Pannekoek, 1936: 346.
*Errorea* [sic] (*Cribaria*) *cincta* (Martin) – Skwarko & Sufiati, 1994: i20.

Syntypes of *Cypraea* (*Luponia*) *cincta* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Lower Miocene (RGM 10107: 5 specimens); loc.: Pamotan (RGM 10111: 1 specimen); loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 10106: 3 specimens, RGM 10108: 8 specimens).

The description was based on 16 specimens from Sedan and 7 specimens 'West from Gunung Butak'.

Genus *Notadusta*
*Notadusta egregia* Schilder, 1937

*Erronea* (*Adusta*) *progoensis* Schilder – Schilder 1927 (pars).
*Erronea* (*Adusta*) *progoensis* Schilder – Schilder, 1937: 197, fig. 7, 8.
*Notadusta egregia* nov. spec. – Schilder, 1937: 198, fig. 10.
*Erronea* (*Adusta*) *progoensis* Schilder – Skwarko & Sufiati, 1994: i17.
*Notadusta egregia* Schilder – Skwarko & Sufiati, 1994: i22.

Holotype of *Notadusta egregia* Schilder, 1937, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10134).

Schilder (1927) based *Erronia* (*Adusta*) *progoensis* on the specimens illustrated by Martin (1916, Pl. 2, figs. 44 and 45). He later described the specimen illustrated in fig. 44 (= RGM 10136) as a separate species, *Notadusta spolongensis*. Sample RGM 10134 contains 3 specimens.

*Notadusta spolongensis* (Schilder, 1937)

*Cypraea* (*Pustularia*) *everwijni* Martin – Martin, 1916: 244 (pars).
*Erronea* (*Adusta*) *progoensis* Schilder, 1927: 118.
*Notadusta progoensis* Schilder – Schilder, 1927: 118 (pars).
*Notadusta spolongensis* Schilder – Skwarko & Sufiati, 1994: i23.

Syntype of *Erronea* (*Adusta*) *progoensis* Schilder, 1927, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 10136: 1 specimen).

RGM 10136 is the holotype of *Notadusta spolongensis* Schilder, 1937, as well as a syntype of *Erronea* (*Adusta*) *progoensis* Schilder, 1927.

Genus *Paulonaria*
*?Paulonaria sokkohensis* Schilder, 1937

*Paulonaria* (*?*) *sokkohensis* Schilder, 1937: 196, fig. 5.
*Paulonaria? sokkohensis* Schilder – Skwarko & Sufiati, 1994: i24.

Holotype of *Paulonaria* (*?*) *sokkohensis* Schilder, 1937, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 10135).

Sample RGM 10135 contains three specimens: the holotype of *Paulonaria conjunctedentata* Schilder, 1932, and the holo- and paratype of ?*Paulonaria sokkohensis*.

Genus *Pustularia*
Subgenus *Pustularia* (*Pustularia*)
*Pustularia* (*Pustularia*) *everwijni* (Martin, 1884)

*Cypraea Everwijni* Martin, 1884: 140, pl. 7, fig. 140.
*Cypraea everwijni* Martin – van der Vlerk, 1931: 244.
*Pustularia everwijni* Martin – Pannekoek, 1936: 46.
*Pustularia* (*Pustularia*) *everwijni* Martin – Schilder, 1937: 196.
*Pustularia* (*Pustularia*) *everwijni* Martin – Skwarko & Sufiati, 1994: i25.

Lectotype of *Cypraea Everwijni* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Lower Miocene (RGM 10133).

Genus *Zoila*
Subgenus *Zoila* (*Zoila*)
*Zoila* (*Zoila*) *gedinganensis* (Martin, 1899)

*Cypraea* (*Aricia*) *gedinganensis* Martin, 1899: 167, pl. 26, fig. 385.
*Cypraea gedinganensis* Martin – van der Vlerk, 1931: 244.
*Zoila gedinganensis* Martin – Schilder, 1937: 203.
*Zoila* (*Zoila*) *gedinganensis* (Martin) – Schilder, 1942: 173.
*Zoila* (*Zoila*) *gedinganensis gedinganensis* (Martin) – Skwarko & Sufiati, 1994: i27.

Holotype of *Cypraea* (*Aricia*) *gedinganensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10064).

Family Ovulidae
Subfamily Ovulinae
Tribe Ovulini
Genus *Ovula*
*Ovula javana* Martin, 1899

*Ovula* (*Amphiperas*) *javana* Martin, 1899: 165, pl. 26, fig. 381.
*Amphiperas javanum* Martin – van der Vlerk, 1931: 243.
*Amphiperas javana* Martin – Skwarko & Sufiati, 1994: i1.

Holotype of *Ovula* (*Amphiperas*) *javana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 10060).

Vaught (1989) considered *Amphiperas* Gronovius, 1781, to be a nomen nudum and a synonym of *Ovula* Bruguière, 1789.

Family Triviidae
Subfamily Triviinae
Genus *Pusula*
Subgenus *Pusula* (*Dolichupis*)
*Pusula* (*Dolichupis*) *smithi* (Martin, 1884)

*Cypraea* (*Trivia*) *Smithi* Martin, 1884: 141, pl. 8, fig. 141.
*Cypraea Smithi* Martin – Martin, 1919: 90.
*Cypraea Smithi* Martin – Martin, 1928: 111.
*Cypraea smithi* Martin – van der Vlerk, 1931: 245.
*Cypraea* (*Trivia*) *Smithi* Martin – Haanstra & Spiker, 1932: 1097.
*Cypraea smithi* Martin – Pannekoek, 1936: 7.
*Trivia* (*Trivirostra-Dolichupis*) *smithi* Martin – Schilder, 1936: 208.
*Trivirostra*(*?*) *smithi* – Schilder, 1937: 199.
*Trivia* (*Dolichupis*) *smithi* (Martin) – Beets, 1941: 80.
*Pusula* (*Dolichupis*) *smithi* (Martin) – Skwarko & Sufiati, 1994: j1.

Holotype of *Cypraea* (*Trivia*) *Smithi* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 60-70 m, strat.: Miocene (RGM 10129). Apart from the type, RGM 10129 also contains a cast that, according to Martin, probably belongs to the same species.

Subfamily Eratoinae
Genus *Erato*
*Erato indica* Martin, 1879

*Erato indica* Martin, 1879: 23, pl. 5, fig. 1.
*Erato indica* Martin – van der Vlerk, 1931: 245.
*Erato martini* n. sp. – Schilder, 1932: 255.
*Erato indica* Martin – Skwarko & Sufiati, 1994: j1.

Lectotype of *Erato indica* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 10162). RGM 10162 contains a lectotype and three paralectotypes.

The description of *E. indica* was based on five specimens. Schilder (1932: 255) separated three of these as *Erato martini*. He indicated the illustrated specimen as 'the type' of the species, which counts as a lectotype selection. Skwarko & Sufiati, 1994, did not list *E. martini*.

Superfamily Naticoidea
Family Naticidae
Subfamily Naticinae
Genus *Natica*
Subgenus *Natica* (*Natica*)
*Natica* (*Natica*) *aurita* Martin, 1884

*Natica (s. str.) aurita* Martin, 1884: 165, pl. 8, fig. 160.
*Natica (s.str.) aurita* Martin – Martin, 1905: 257.
*Natica aurita* Martin – van der Vlerk, 1931: 257.
*Natica* (*Natica*) *aurita* Martin – Skwarko & Sufiati, 1994: j11.

Syntype of *Natica* (*s. str.*) *aurita* Martin, 1884, leg.: P. van Dijk, loc.: Ci Lanang, strat.: Cilanang Formation, Upper Miocene (RGM 11183: 1 specimen); loc.: Ngembak Borehole B, 110 m, strat.: Lower Miocene (RGM 11385: no specimens present).

The identification of RGM 11385 has been changed on the label into *Natica* (s.str.) sp. indet. by an unknown person.

*Natica* (*Natica*) *bantamensis* Martin, 1905

*Natica* (*s. str.*) *bantamensis* Martin, 1905: 261, pl. 39, fig. 626.
*Natica bantamensis* Martin – van der Vlerk, 1931: 258.
*Natica* (*Natica*) *bantamensis* Martin – Skwarko & Sufiati, 1994: j11.

Holotype of *Natica* (*s. str.*) *bantamensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 11301).

*Natica* (*Natica*) *gedinganensis* Martin, 1905

*Natica* (*s. str.*) *gedinganensis* Martin, 1905: 262, pl. 39, fig. 627.
*Natica gedinganensis* Martin – Martin, 1908: 9.
*Natica (s.str.) gedinganensis* Martin – Martin-Icke, 1911: 47.
*Natica gedinganensis* Martin – Martin, 1919: 99.
*Natica gedinganensis* Martin – van der Vlerk, 1931: 258.
*Natica gedinganensis* Martin – van Regteren Altena, 1941: 75.
*Natica* (*Natica*) *gedinganensis* Martin – Skwarko & Sufiati, 1994: j12.

Holotype of *Natica* (*s. str.*) *gedinganensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 11302).

*Natica* (*Natica*) *sondeiana* Martin, 1905

*Natica* (*s. str.*) *sondeiana* Martin, 1905: 257, pl. 38, fig. 612.
*Natica sondeiana* Martin – Martin, 1926: 9.
*Natica sondeiana* Martin – van der Vlerk, 1931: 259.
*Natica* (*Natica*) *sondeiana* Martin – Skwarko & Sufiati, 1994: j15.

Holotype of *Natica* (*s. str.*) *sondeiana* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 11182).

*Natica* (*Natica*) *sultani* Martin, 1914

*Natica* (*s. str.*) *Sultani* Martin, 1914: 171, pl. 6, figs. 150-151.
*Natica sultani* Martin – van der Vlerk, 1931: 259.
*Natica sultani* Martin – Piccoli & Savazzi, 1983: 38.
*Natica* (*Natica*) *sultani* Martin – Skwarko & Sufiati, 1994: j15.

Syntypes of *Natica* (*s. str.*) *Sultani* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11305: 2 specimens).

Subgenus *Natica* (*Amauropsina*)
*Natica* (*Amauropsina*) *arntzenii* Martin, 1914

*Natica* (*Amauropsina*) *Arntzenii* Martin, 1914: 172, pl. 6, fig. 155.
*Natica arntzenii* Martin – van der Vlerk, 1931: 257.
*Natica* (*Ameuropsina*) *arntzenii* Martin – Skwarko & Sufiati, 1994: j10.

Syntypes of *Natica* (*Amauropsina*) *Arntzenii* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 47216: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11381: 1 specimen).

Genus *Pliconacca*
*Pliconacca trisulcata* (Martin, 1914)

*Natica* (*Pliconacca*) *trisulcata* Martin, 1914: 171, pl. 6, fig. 149.
*Natica trisulcata* Martin – van der Vlerk, 1931: 259.
*Pliconacca trisulcata* Martin – Skwarko & Sufiati, 1994: j19.

Syntypes of *Natica* (*Pliconacca*) *trisulcata* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11379: 2 specimens, RGM 47164: 12 specimens); collector unknown, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11375: 3 specimens); leg.: K. Martin (RGM 11376: 4 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 11377: 5 specimens, RGM 11378: 3 specimens, RGM 11380: 14 specimens).

Subfamily Ampullospirinae
Genus *Globularia*
Subgenus *Globularia* (*Megatylotus*)
*Globularia* (*Megatylotus*) *ickei* (Martin, 1914)

*Ampullina* (*Megatylotus*) *Ickei* Martin, 1914: 173, pl. 6, figs. 152-154.
*Ampullina ickei* Martin – van der Vlerk, 1931: 257.
*Globularia* (*Megatylotus*) *ickei* Martin – Skwarko & Sufiati, 1994: j3.

Syntypes of *Ampullina* (*Megatylotus*) *Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 11402: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11401: 3 specimens, RGM 11403: 3 specimens, RGM 11406: 3 specimens, RGM 11407: 1 specimen, RGM 11408: 2 specimens, RGM 47178: 2 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 11404: 2 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 11405: 2 specimens).

Subfamily Polinicinae
Genus *Polinices*
Subgenus *Polinices* (*Polinices*)
*Polinices* (*Polinices*) *callosior* (Martin, 1879)

*Natica callosior* Martin, 1879: 80, pl. 13, fig. 10.
*Natica* (*Polinices*) *callosior* Martin – Martin, 1905: 265.
*Natica callosior* Martin – Martin-Icke, 1911: 47.
*Natica callosior* Martin – Martin, 1919: 99.
*Natica callosior* – Martin, 1928: 116.
*Natica callosior* Martin – van der Vlerk, 1931: 258.
*Polynices* (*Naticina*) *callosior* (Martin) – Beets, 1941: 71.
*Polinices* (*Polinices*) *callosior* (Martin) – Beets, 1983c: 51.
*Polinices* (*Polinices*) *callosior* (Martin) – Beets, 1987a: 24.
*Polinices* (*Polinices*) *callosior* (Martin) – Skwarko & Sufiati, 1994: 24.

Syntypes of *Natica callosior* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn Z, strat.: Pliocene (RGM 11362: 3 specimens, RGM 11364: 1 specimen). Martin based his description on 14 specimens from Junghuhn's localities O, R and Z.

Subgenus *Polinices* (*Mammilla*)
*Polinices* (*Mammilla*) *dijki* (Martin, 1905)

'die unsichere Exemplare' – Martin, 1884: 164 (sic).
*Natica* (*Mamma*) *callosior* Martin? – Martin, 1887: 343.
*Natica* (*Mamilla*) *Dijki* Martin, 1905: 267, pl. 39, fig. 643.
*Natica dijki* Martin – van der Vlerk, 1931: 258.
*Mammilla dijki* Martin – Skwarko & Sufiati, 1994: j20.

Syntypes of *Natica* (*Mamilla*) *Dijki* Martin, 1905, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 11373: 2 specimens).

Subgenus unknown
*Polinices albumen* (Linnaeus, 1758)

*Natica* (*Polinices*) *tegalensis* Martin, 1905: 266, pl. 39, fig. 641.
*Natica tegalensis* Martin – van der Vlerk, 1931: 259.
*Polinices albumen* (Linnaeus) – Skwarko & Sufiati, 1994: j22.

Holotype of *Natica* (*Polinices*) *tegalensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Pangkah, strat.: Pliocene (RGM 11366).

Genus *Lunatia*
*Lunatia atricapilla* (Martin, 1884)

*Natica* (*Lunatia*) *atricapilla* Martin, 1884: 167, pl. 8, fig. 162.
*Natica atricapilla* Martin – van der Vlerk, 1931: 257.
*Lunatia atricapilla* Martin – Skwarko & Sufiati, 1994: j6.

Syntypes of *Natica* (*Lunatia*) *atricapilla* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 11367: 2 specimens).

Genus *Neverita*
*Neverita sulcifera* (Martin, 1905)

*Natica* (*Neverita*) *sulcifera* Martin, 1905: 262, pl. 39, fig. 630.
*Natica sulcifera* Martin – Martin, 1908: 9.
*Natica sulcifera* Martin – Martin, 1919: 99.
*Natica sulcifera* Martin – van der Vlerk, 1931: 259.
*Polinices* (*Neverita*) *sulcifer* (Martin) – van Regteren Altena, 1941: 65.
*Neverita sulcifera* Martin – Skwarko & Sufiati, 1994: j22.

Holotype of *Natica* (*Neverita*) *sulcifera* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 11314).

*Neverita wanneri* (Martin, 1914)

*Natica* (*Neverita*) *Wanneri* Martin, 1914: 172, pl. 6, fig. 156, 157.
*Natica wanneri* Martin – van der Vlerk, 1931: 259.
*Neverita wanneri* Martin – Piccoli & Savazzi, 1983: 38.
*Neverita wanneri* Martin – Skwarko & Sufiati, 1994: j22.

Syntypes of *Natica* (*Neverita*) *Wanneri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11315: 2 specimens, RGM 47224: 1 specimen); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 11317: 1 specimen).

Subfamily Sininae
Genus *Sinum*
Subgenus *Sinum* (*Sinum*)
*Sinum* (*Sinum*) *fennemai* (Martin, 1905)

*Sigaretus* (*s. str.*) *Fennemai* Martin, 1905: 269, pl. 40, fig. 646.
*Sigaretus fennemai* Martin – van der Vlerk, 1931: 259.
*Sinum* (*Sinum*) *fennemai* (Martin) – Skwarko & Sufiati, 1994: j30.

Holotype of *Sigaretus* (*s. str.*) *Fennemai* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 11459).

*Sinum* (*Sinum*) *nanggulanense* (Martin, 1914)

*Sigaretus* (*s. str.*) *nanggulanensis* Martin, 1914: 174, pl. 6, figs. 164-165.
*Sigaretus nanggulanensis* Martin – van der Vlerk, 1931: 260.
*Sinum* (*Sinum*) *nanggulanensis* (Martin) – Skwarko & Sufiati, 1994: j31.

Syntypes of *Sigaretus* (*s. str.*) *nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11463: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 11462: 2 specimens).

Subgenus unknown
*Sinum javanum* (Martin, 1879)

*Sigaretus javanus* Martin, 1879: 80, pl. 13, fig. 9.
*Sigaretus javanus* Martin – van der Vlerk, 1931: 259.
*Sinum javanus* (Martin) – Skwarko & Sufiati, 1994: j28.

Holotype of *Sigaretus javanus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 11460).

*Sinum undulatum* (Martin, 1884)

*Sigaretus undulatus* Martin, 1884: 168, pl. 9, fig. 163.
*Sigaretus undulatus* Martin – Tesch, 1913: 161.
*Sigaretus undulatus* Martin – van der Vlerk, 1931: 260.
*Sinum undulatus* (Martin) – Skwarko & Sufiati, 1994: j29.

Holotype of *Sigaretus undulatus* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 11461).

Genus *Amaurellina*
*Ameurellina harrisi* (Pannekoek, 1936)

*Ampullina* (*Ampullospira*) *harrisi* Pannekoek, 1936: 58, pl. 3, figs. 38-39.
*Pachyerommium harrisi* (Pannekoek) – Cox, 1948: 19, pl. 1, fig. 4a-b.
*Ameurellina harrisi* (Pannekoek) – Shuto, 1977: 134.
*Ameurellina harrisi* (Pannekoek) – Skwarko & Sufiati, 1994: j4.

Syntypes of *Ampullina* (*Ampullospira*) *harrisi* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 11419: 4 specimens, RGM 11420: 8 specimens).

Genus *Ampullina*
Subgenus *Ampullina* (*Ampullina*)
*Ampullina* (*Ampullina*) *lineata* Pannekoek, 1936

*Ampullina* (*Ampullina*) *lineata* Pannekoek, 1936: 57.
*Ampullina* (*Ampullina*) *lineata* Pannekoek – Skwarko & Sufiati, 1994: j6.

Syntypes of *Ampullina* (*Ampullina*) *lineata* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 11421: 4 specimens, RGM 11667: 1 specimen).

Subgenus unknown
*Ampullina bandongensis* (Martin, 1879)

*Natica bandongensis* Martin, 1879: 82, pl. 13, figs. 15-16.
*Natica* (*Ampullina*) *bandongensis* Martin – Martin, 1905: 267.
*Ampullina* (*Ampullospira*) *bandongensis* Martin – Martin, 1921: 476.
*Ampullina bandongensis* Martin – Shuto, 1977: 134.
*Ampullina bandongensis* Martin – Skwarko & Sufiati, 1994: j4.

Syntypes of *Natica bandongensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 11409: 2 specimens).

Genus *Ampullospira*
*Ampullospira boettgeri* (Martin, 1914)

*Natica* (*Ampullina*) sp – Boettger, 1883: 136.
*Ampullina* (*Ampullospira*) *Boettgeri* Martin, 1914: 173, pl. 6, figs. 161-163.
*Ampullina boettgeri* Martin – van der Vlerk, 1931: 257.
*Ampulospira* [sic] *boettgeri* (Martin) – Skwarko & Sufiati, 1994: j6.

Syntypes of *Ampullina* (*Ampullospira*) *Boettgeri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11340: 3 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11397: 15 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 11394: 3 specimens, RGM 11395: 1 specimen, RGM 47007: 2 specimens); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 11398: 8 specimens); loc.: Watumurah, strat.: Nanggulan Formation, Middle Eocene (RGM 11396: 1 specimen).

Genus *Nanggulania*
*Nanggulania puruensis* Martin, 1914

?*Natica* (*Ampullina*) sp. – Boettger, 1883: 136.
*Nanggulania puruensis* Martin, 1914: 174, pl. 6, figs. 159-160.

*Nanggulania puruensis* Martin – van der Vlerk, 1931: 257.
*Nanggulania puruensis* Martin – Skwarko & Sufiati, 1994: j7.

Syntypes of *Nanggulania puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11427: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11423: 4 specimens, RGM 11425: 2 specimens, RGM 47244: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 11422: 1 specimen, RGM 11428: 2 specimens); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 11424: 2 specimens, RGM 47074: 1 specimen).

Superfamily Tonnoidea
Family Tonnidae
Genus *Tonna* (*Tonna*)
*Tonna* (*Tonna*) *hochstetteri* (Martin, 1879)

*Dolium Hochstetteri* Martin, 1879: 39, pl. 7, fig. 8.
*Dolium (s.str.) Hochstetteri* Martin – Martin, 1899: 162.
*Dolina Hochstetteri* Martin – Zwierzycki, 1915: 109.
*Dolium hochstetteri* Martin – van der Vlerk, 1931: 243.
*Tonna* (*Tonna*) *hochstetteri* (Martin) – van Regteren Altena & Beets, 1945: 40.
*Tonna* (*Tonna*) *hochstetteri* (Martin) – Skwarko & Sufiati, 1994: k15.

Holotype of *Dolium Hochstetteri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn Z, strat.: Pliocene (RGM 10027).

*Tonna* (*Tonna*) *modjokasriensis* (Martin, 1899)

*Dolium* (*s. str.*) *modjokasriense* Martin, 1899: 160, pl. 25, fig. 370.
*Tonna modjokasriense* Martin – Martin, 1919: 89.
*Tonna modjokasriense* Martin – van Es, 1931: 95.
*Dolium modjokasriense* Martin – van der Vlerk, 1931: 243.
*Tonna* (*Tonna*) *modjokasriense* (Martin) – van Regteren Altena, 1942: 117.
*Tonna* (*Tonna*) *modjokasriense* (Martin) – Skwarko & Sufiati, 1994: k15.

Holotype of *Dolium* (*s. str.*) *modjokasriense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Tambak Batu, strat.: Upper Miocene (RGM 10011).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

*Tonna losariensis* (Martin, 1899)

*Dolium* (*s. str.*) *losariense* Martin, 1899: 163, pl. 24, f igs. 377-378.
*Dolium losariense* Martin – van der Vlerk, 1931: 243.
*Tonna losariense* (Martin) – Skwarko & Sufiati, 1994: k12.

Syntypes of *Dolium* (*s. str.*) *losariense* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 10037: 3 specimens, RGM 10038: 1 specimen).

Family Ficidae
Genus *Ficus*
*Ficus latifasciata* (Martin, 1882)

*Pyrula* (*Ficus*) *latifasciata* Martin, 1882: 213, pl. 10, fig. 13.
*Pirula latifasciata* Martin – van der Vlerk, 1931: 243.
*Ficus latifasciata* Martin – Skwarko & Sufiati, 1994: k17.

Holotype of *Pyrula* (*Ficus*) *latifasciata* Martin, 1882, leg.: F. Junghuhn, unknown locality, strat.: Neogene (RGM 10059).

*Ficus menengtengana* (Martin, 1899)

*Ficula menengtengana* Martin, 1899: 164, pl. 26, fig. 380.
*Pirula menengtengana* Martin – van der Vlerk, 1931: 243.
*Ficus menengtengenus* (Martin) – Shuto, 1977: 139.
*Ficus menengtengenus* (Martin) – Shuto, 1978: 107.
*Ficus menengtengenus* (Martin) – Skwarko & Sufiati, 1994: k18.

Holotype of *Ficula menengtengana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 10053).

*Ficus pamotanensis* (Martin, 1899)

*Ficula pamotanensis* Martin, 1899: 164, pl. 26, fig. 379.
*Pirula pamotanensis* Martin – van der Vlerk, 1931: 243.
*Pirula pamotanensis* Martin – Pannekoek, 1936: 46. .
*Ficus pamotanensis* (Martin) – Skwarko & Sufiati, 1994: k18.

Holotype of *Ficula pamotanensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Lower Miocene (RGM 10050).

Family Cassidae
Subfamily Cassinae
Genus *Cassis*
Subgenus *Cassis* (*Cassis*)
*Cassis* (*Cassis*) *preangerensis* Martin, 1899

*Cassis* (*s. str.*) *preangerensis* Martin, 1899: 153, pl. 24, fig. 354.
*Cassis preangerensis* Martin – van der Vlerk, 1931: 242.
*Cassis* (*Cassis*) *preangerensis* Martin – Skwarko & Sufiati, 1994: k4.

Holotype of *Cassis* (*s. str.*) *preangerensis* Martin, 1899, leg.: Amsterdam 1883, loc.: Preanger, strat.: Upper Miocene? (RGM 9946).

Martin (1899) based this taxon on a specimen from 'den Preanger-Regentschaften (coll. Amsterdam)' (GI-UvA). On the label of RGM 9946 is written: 'Nederl. Kolonien. Collectie: Amsterdam 1883'**.** This material is probably collected by Verbeek or Junghuhn.

Subgenus unknown
*Cassis conica* Martin, 1881

*Cassis conica* Martin, 1881: 121, pl. 8, fig. 2.
*Cassis conica* Martin – van der Vlerk, 1931: 241.
*Cassis conica* Martin – Skwarko & Sufiati, 1994: k1.

Syntype of *Cassis conica* Martin, 1881, collector unknown, loc.: Wirosari, strat.: Neogene (RGM 9950: 1 specimen).

*Cassis depressior* Martin, 1879

*Cassis depressior* Martin, 1879: 44, pl. 8, fig. 4.
*Cassis depressior* Martin – Martin, 1883: 219.
*Cassis depressior* Martin – Martin, 1911: 46.
*Cassis depressior* Martin – van der Vlerk, 1931: 242.
*Cassis depressior* Martin – Skwarko & Sufiati, 1994: k1.

Holotype of *Cassis depressior* Martin, 1879, leg.: F.

Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9947).

### *Cassis japonica herklotsi* Martin, 1879

*Cassis Herklotsi* Martin, 1879: 45, pl. 8, fig. 7.
*Cassis* (*Semicassis*) *Herklotsi* Martin – Martin, 1899: 155.
*Cassis Herklotsi* Martin – Martin, 1908: 9.
*Cassis* (*Semicassis*) *Herklotsi* Martin – Martin-Icke, 1911: 47.
*Cassis Herklotsi* Martin – Martin, 1919: 88.
*Cassis Herklotsi* Martin – van Es, 1931: 39.
*Cassis herklotsi* Martin – van der Vlerk, 1931: 242.
*Phalium* (*Semicassa*) *japonicum herklotsi* (Martin) – van Regteren Altena, 1942: 95.
*Cassis japonicum herklotsi* Martin – Cox, 1948: 37.
*Cassis japonica herklosti* (Martin) – Skwarko & Sufiati, 1994: k2.

Holotype of *Cassis Herklotsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 9972).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

### *Cassis mammillaris* Grateloup, 1827

*Cassis mammilaris* Grateloup (= *Cassis jogjacartensis* Martin) – Piccoli & Savazzi, 983: 38.
*Cassis* (*s. str.*) *jogjacartensis* Martin, 1914: 154, pl. 5, fig. 118.
*Cassis jogjacartensis* Martin – van der Vlerk, 1931: 242.
*Cassis mammilaris* Grateloup (? = *Cassis jogjacartensis* Martin) – Piccoli, 1983: 510.
*Cassis mammillaris* Grateloup – Skwarko & Sufiati, 1994: k2.

Syntypes of *Cassis* (*s. str.*) *jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9952: 1 specimen, RGM 9953: 3 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 47210: 1 specimen); collector unknown, strat.: Nanggulan Formation, O1, Middle Eocene (RGM 9954: 5 specimens).

### *Cassis rembangensis* Martin, 1899

*Cassis* (*Semicassis*) *rembangensis* Martin, 1899: 155, pl. 24, fig. 362.
*Cassis rembangensis* Martin – Martin, 1912: 159.
*Cassis rembangensis* Martin – van der Vlerk, 1931: 242.
*Phalium* (*Semicassis*) *rembangensis* Martin – Pannekoek, 1936: 43.
*Cassis rembangensis* Martin – Shuto, 1977: 134.
*Cassis rembangensis* Martin – Skwarko & Sufiati, 1994: k2.

Syntypes of *Cassis* (*Semicassis*) *rembangensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 9976: 1 specimen); loc.: Sedan (RGM 9977: 1 specimen).

### *Cassis tegalensis* Martin, 1899

*Cassis* (*Semicassis*) *tegalensis* Martin, 1899: 156, pl. 24, fig. 363.
*Cassis tegalensis* Martin – van der Vlerk, 1931: 242.
*Cassis* cf. *tegalensis* Martin – Pannekoek, 1936: 43.
*Cassis tegalensis* Martin – Skwarko & Sufiati, 1994: k3.

Holotype of *Cassis* (*Semicassis*) *tegalensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Pangkah, strat.: Pliocene (RGM 9979).

## Genus *Galeodea*

### *Galeodea arntzenii* (Martin, 1914)

*Cassidaria Arntzenii* Martin, 1914: 155, pl. 5, fig. 119.
*Cassidaria Arntzenii* Martin – Martin, 1919: 89.
*Cassidaria arntzenii* Martin – van der Vlerk, 1931: 241.
*Galeodea arntzenii* (Martin) – Beets, 1943c: 436.
*Galeodea arntzenii* Martin – Piccoli & Savazzi, 1983: 38.
*Galeodea arntzenii* (Martin) – Skwarko & Sufiati, 1994: k5.

Holotype of *Cassidaria Arntzenii* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9994).

### *Galeodea boehmi* (Martin, 1914)

*Eutritonium* (*Lampusia*) *Boehmi* Martin, 1914: 149, pl. 4, figs. 108-109.
*Eutritonium Boehmi* Martin – Martin, 1919: 87.
*Cassidaria Boehmi* Martin – Martin, 1931: 34.
*Cassidaria boehmi* Martin – van der Vlerk, 1931: 241.
*Galeodea boehmi* (Martin) – Beets, 1943c: 436.
*Galeodea boehmi* Martin – Piccoli & Savazzi, 1983: 38.
*Galeodea boehmi* (Martin 1914-15) – Skwarko & Sufiati, 1994: k5.

Syntypes of *Eutritonium* (*Lampusia*) *Boehmi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9995: 3 specimens).

### *Galeodea javana* (Martin, 1879)

*Cassidaria javana* Martin, 1879: 46, pl. 8, fig. 9.
*Cassidaria javana* Martin – Martin, 1919: 89.
*Cassidaria javana* Martin – van der Vlerk, 1931: 241.
*Galeodea javana* (Martin) – Beets, 1943c: 436.
*Galeodea javana* (Martin) – Skwarko & Sufiati, 1994: k6.

Syntypes of *Cassidaria javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 9990: 1 specimen); loc.: Junghuhn L, strat.: Neogene (RGM 9992: 1 specimen); loc.: Junghuhn R, strat.: Upper Miocene (RGM 9991: 1 specimen).

### *Galeodea pamotanensis* (Martin, 1899)

*Morio* (*s. str.*) *pamotanensis* Martin, 1899: 157, pl. 24, fig. 365.
*Cassidaria pamotanensis* – Martin, 1919: 89.
*Cassidaria pamotanensis* Martin – van der Vlerk, 1931: 241.
*Cassidaria pamotanensis* Martin – Pannekoek, 1936: 7.
*Galeodea pamotanensis* (Martin) – Beets, 1943c: 436.
*Galeodea pamotanensis* (Martin) – Skwarko & Sufiati, 1994: k6.

Holotype of *Morio* (*s. str.*) *pamotanensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 9993).

## Genus *Sconsia*

### *Sconsia martini* van Regteren Altena, 1942

*Morio* (*Sconsia*) *striatia* Lam – Martin, 1899: 158, pl. 24, figs. 366-367.
*Sconsia martini* van Regteren Altena, 1942: 90, fig. 1.
*Sconsia martini* Altena – Skwarko & Sufiati, 1994: k11.

Holotype of *Sconsia martini* van Regteren Altena, 1942, leg.: P. van Dijk, loc.: Ngembak, strat.: Upper Miocene (RGM 10002).

*Sconsia pulchra* Pannekoek, 1936

*Sconsia pulchra* Pannekoek, 1936: 44, pl. 2, figs. 22-24.
*Sconsia pulchra* Pannekoek – Skwarko & Sufiati, 1994: k11.

Syntypes of *Sconsia pulchra* Pannekoek, 1936, leg.: K.Martin & Gonggrijp, loc.: Rembang, strat.: Rembang Formation, Lower Miocene (RGM 9997: 13 specimens).

Pannekoek (1936) based this species on specimens from Ngembak (RGM 9999, 10000, 10002) and on specimens from Sedan (which are in the GI-UvA collections in Amsterdam).

*Sconsia rembangensis* Pannekoek, 1936

*Sconsia rembangensis* Pannekoek, 1936: 45, pl. 2, fig. 25.
*Sconsia rembangensis* Pannekoek – Skwarko & Sufiati, 1994: k11.

Holotype of *Sconsia rembangensis* Pannekoek, 1936, leg.: Gonggrijp, loc.: Rembang, strat.: Rembang Formation, Lower Miocene (RGM 9998). RGM 9998 also contains a cast, which according to Pannekoek probably belongs to the same species.

Subfamily Phaliinae
Genus *Phalium*
Subgenus *Phalium* (*Phalium*)
*Phalium* (*Phalium*) *glaucoides* (Martin, 1879)

*Cassis glaucoides* Martin, 1879: 45, pl. 8, fig. 8.
*Cassis glaucoides* Martin – van der Vlerk, 1931: 242.
*Phalium* (*Phalium*) *glaucoides* (Martin) – van Regteren Altena & Beets, 1945: 40.
*Phalium* (*Phalium*) *glaucoides* (Martin) – Skwarko & Sufiati, 1994: k8.

Holotype of *Cassis glaucoides* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 9982).

Genus *Semicassis*
*Semicassis denseplicata* (Martin, 1916)

*Cassis* (*Semicassis*) *denseplicata* Martin, 1916: 243, pl. 2, fig. 42.
*Cassis denseplicata* Martin – van der Vlerk, 1931: 242.
*Semicassis denseplicata* Martin – Skwarko & Sufiati, 1994: k9.

Syntypes of *Cassis* (*Semicassis*) *denseplicata* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 9981: 5 specimens); leg.: H. Martin-Icke, loc.: Kali Kemejing (RGM 9980: 3 specimens).

Family Ranellidae
Subfamily Ranellinae
Genus *Apollon*
Subgenus *Apollon* (*Apollon*)
*Apollon* (*Apollon*) *bitubercularis* (Lamarck, 1816)

*Ranella bitubercularis* – de Lamarck, 1816: 4, pl. 412, fig. 6.
*Ranella bitubercularis* – Reeve, 1844: pl. 7, fig. 40.
*Ranella raninoides* Martin, 1882: 203, pl. 9, fig. 6.
*Ranella raninoides* – Martin, 1883: 203, pl. 9, fig. 6.
*Ranella* (*Apollo*) *bitubercularis* – Martin, 1899: 149, pl. 23, fig. 349-351.
*Ranella karikalensis* – Cossmann, 1903: 156, pl. 5, fig. 20-21.
*Ranella* (*Apollo*) *bitubercularis* – Tesch, 1920: 43, pl. 124, fig. 155a, b.
*Gyrineum bituberculare* – van Regteren Altena, 1942: 96.
*Apollon* (*Apollon*) *bituberculare* – Wissema, 1947: 143.
*Apollon* (*Apollon*) *bitubercularis* (Lamarck) – Skwarko & Sufiati, 1994: m1.

Holotype of *Ranella raninoides* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 9922).

Subgenus *Apollon* (*Biplex*)
*Apollon* (*Biplex*) *magnificus* (Martin, 1879)

*Ranella magnifica* Martin, 1879: 53, pl. 10, fig. 1.
*Ranella magnifica* Martin – Zwierzycki, 1915: 109.
*Ranella magnifica* Martin – van der Vlerk, 1931: 240.
*Biplex magnifica* Martin – MacNeil, 1960: 59.
*Apollon* (*Biplex*) *magnifica* (Martin) – Skwarko & Sufiati, 1994: m2.

Holotype of *Ranella magnifica* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 9935).

*Apollon* (*Biplex*) *pamotanensis* (Martin, 1899)

*Ranella* (*Biplex*) *pamotanensis* Martin, 1899: 151, pl. 23, fig. 352.
*Ranella pamotanensis* Martin – Martin, 1912: 159.
*Ranella pamotanensis* Martin – Siemon, 1929: 52.
*Ranella pamotanensis* Martin – van der Vlerk, 1931: 241.
*Ranella* (*Biplex*) *pamotanensis* Martin – Wanner & Hahn, 1935: 257.
*Argobuccinum* (*Biplex*) *pamotanensis* Martin – Pannekoek, 1936: 43.
*Apollon pamotanensis* (Martin) – Shuto, 1977: 134.
*Apollon* (*Biplex*) *pamotanensis* (Martin) – Skwarko & Sufiati, 1994: m3.

Syntypes of *Ranella* (*Biplex*) *pamotanensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Lower Miocene (RGM 9936: 1 specimen, RGM 9939: 1 specimen).

Genus *Argobuccinum*
*Argobuccinum bantamense* (Martin, 1899)

*Triton* (*Argobuccinum*) *bantamensis* Martin, 1899: 144, pl. 22, fig. 329.
*Argobuccinum bantamense* Martin – van der Vlerk, 1931: 238.
*Argobuccinum bantamense* Martin – Skwarko & Sufiati, 1994: m4.

Holotype of *Triton* (*Argobuccinum*) *bantamensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: ? Bayah, strat.: Pliocene? (RGM 9806).

Genus *Gyrineum*
Subgenus *Gyrineum* (*Gyrineum*)
*Gyrineum* (*Gyrineum*) *junghuhni* (Martin, 1879)

*Ranella Junghuhni* Martin, 1879: 54, pl. 10, fig. 2.
*Ranella* (*Apollo*) *Junghuhni* Martin – Martin, 1899: 150.
*Ranella Junghuhni* Martin – Martin, 1919: 88.
*Ranella junghuhni* Martin – van der Vlerk, 1931: 241.
*Gyrineum* (*Gyrineum*) *junghuhni* (Martin) – van Regteren Altena, 1942: 98.
*Gyrineum* (*Gyrineum*) *junghuhni* (Martin) – Skwarko & Sufiati, 1994: m14.

Holotype of *Ranella Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 9931).

Subfamily Cymatiinae
Genus *Cymatium*
Subgenus *Cymatium* (*Ranularia*)
*Cymatium* (*?Ranularia*) *jogjacartense* (Martin, 1914)

*Eutritonium* (*Ranularia?*) *jogjacartense* Martin, 1914: 150, pl. 4, fig. 110.
*Eutritonium jogjacartense* Martin – van der Vlerk, 1931: 239.
*Cymatium* (*Ranularia?*) *jogjacartense* Martin – Skwarko & Sufiati, 1994: m11.

Holotype of *Eutritonium* (*Ranularia?*) *jogjacartense* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, O1, Middle Eocene (RGM 9801).

*Cymatium* (*Ranularia*) *clavator* (Dillwyn, 1817)

*Triton pyrym* Lamarck? – Martin, 1884: 207.
*Triton* (*Ranularia*) *pseudopyrum* Martin, 1899: 143, pl. 22, figs. 326-327.
*Triton pseudopyrum* Martin – Martin, 1908: 9.
*Triton* (*Ranularia*) *pseudopyrum* Martin – Martin-Icke, 1911: 47.
*Triton* (*Ranularia*) *pseudopyrum* Martin – Tesch, 1915: 67.
*Eutritonium pseudopyrum* Martin – Martin, 1919: 87.
*Triton pseudopyrum* Martin – Fischer, 1921: 244.
*Triton* (*Ranularia*) *pseudopyrum* Martin – Fischer, 1927: 63.
*Eutritonium pseudopyrum* – Martin, 1928: 114.
*Eutritonium pseudopyrum* Martin – van Es, 1931: 57.
*Eutritonium pseudopyrum* Martin – van der Vlerk, 1931: 239.
*Cymatium* (*Ranularia*) *clavator* (Dillwyn) – Skwarko & Sufiati, 1994: m11.

Syntypes of *Triton* (*Ranularia*) *pseudopyrum* Martin, 1899, collector unknown, loc.: Gunung Sela, strat.: Upper Miocene (RGM 9799: 3 specimens); leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 9795: 2 specimens, RGM 9800: 1 specimen); loc.: Sonde (RGM 9797: 1 specimen, RGM 9798: 3 specimens).

Genus *Charonia*
Subgenus *Charonia* (*Sassia*)
*Charonia* (*Sassia*) *fennemai* (Martin, 1899)

*Triton* (*Colubraria*) *Fennemai* Martin, 1899: 141, pl. 22, fig. 322.
*Triton* (*Colubraria*) *Fennemai* Martin – Martin, 1914: 330.
*Eutritonium* (*Sassia*) *Fennemai* Martin – Martin, 1916: 242.
*Eutritonium Fennemai* – Martin, 1919: 87.
*Eutritonium fennemai* – Martin, 1928: 109.
*Eutritonium fennemai* Martin – van der Vlerk, 1931: 239.
*Charonia* (*Sassia*) *fennemai* Martin – Wanner & Hahn, 1935: 233, 256.
*Charonia* (*Sassia?*) *fennemai* (Martin) – Beets, 1941: 91.
*Eutritonium fennemai* Martin – Pannekoek, 1936: 6.
*Charonia* (*Sassia*) *fennemai* (Martin) – Beets, 1983b: 29.
*Charonia* (*Sassia*) *fennemai* (Martin) – Beets, 1987a: 28.
*Charonia* (*Sassia*) *fennemai* (Martin) – Skwarko & Sufiati, 1994: m7.

Syntypes of *Triton* (*Colubraria*) *Fennemai* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 9777: 1 specimen); loc.: Nyalindung, strat.: Miocene (RGM 9776: 1 specimen); loc.: Selacai, strat.: Upper Miocene (RGM 9775: 1 specimen).

Subgenus *Charonia* (*Simpulum*)
*Charonia* (*Simpulum*) *tjaringinensis* (Martin, 1899)

*Triton* (*Simpulum*) *tjaringinensis* Martin, 1899: 142, pl. 22, fig. 325.
*Eutritonium tjaringinensis* Martin – van der Vlerk, 1931: 239.
*Eutritonium* (*Simpulum*) *tjaringinense* Martin var – Wanner & Hahn, 1935: 256.
*Charonia* (*Simpulum*) *tjaringinensis* Martin – Skwarko & Sufiati, 1994: m7.

Holotype of *Triton* (*Simpulum*) *tjaringinensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9793).

Subgenus unknown
*Charonia bomasensis* (Martin, 1916)

*Eutritonium bomasense* Martin, 1916: 242, pl. 2, fig. 40.
*Eutritonium bomasense* Martin – van der Vlerk, 1931: 239.
*Charonia bomasense* (Martin) – Skwarko & Sufiati, 1994: m4.

Holotype of *Eutritonium bomasense* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 9803).

Genus *Eutritonium*
Subgenus *Eutritonium* (*Plesiotriton*)
*Eutritonium* (*Plesiotriton*) *hillegondae* Martin, 1914

*Eutritonium* (*Plesiotriton*) *Hillegondae* Martin, 1914: 150, pl. 4, fig. 111.
*Eutritonium hillegondae* Martin – van der Vlerk, 1931: 239.
*Eutritonium* (*Plesiotriton*) *hillegondae* Martin – Skwarko & Sufiati, 1994: m13.

Holotype of *Eutritonium* (*Plesiotriton*) *Hillegondae* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 9802).

Subfamily Personinae
Genus *Distorsio*
*Distorsio djunggranganensis* (Martin, 1916)

*Persona djunggranganensis* Martin, 1916: 242, pl. 2, fig. 41.
*Persona djungranganensis* [sic] Martin – van der Vlerk, 1931: 240.
*Distorsio djungranganensis* [sic] (Martin) – Skwarko & Sufiati, 1994: m12.

Holotype of *Persona djunggranganensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 9818).

*Distorsio reticulata* Roeding, 1798

*Nassa* (*?*) *lamonganana* Martin, 1884: 125, pl. 7, fig. 128.
*Distorsio reticulata* Roeding – Skwarko & Sufiati, 1994: m12.

Holotype of *Nassa* (*?*) *lamonganana* Martin, 1884, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 9816).

Genus *Cymatium*
Subgenus *Cymatium* (*Monoplex*)
*Cymatium* (*Monoplex*) *njalindungensis*

*Eutritonium* (*Lampusia*) *njalindungense* Martin, 1921,: 467, pl. 59 (2), fig. 55.
*Eutritonium njalindungense* Martin – van der Vlerk, 1931: 239.
*Lampusia njalindungense* Martin – Skwarko & Sufiati, 1994: m18.

Holotype of *Eutritonium* (*Lampusia*) *njalindungense*

Martin, 1921, leg.: Martin-Icke, loc.: Tji Angsana, strat.: Lower Miocene, Njalindung layers (RGM 9805).

*Cymatium* (*Monoplex*) *pileare* (Linnaeus, 1758)

*Murex pileare* – Linnaeus, 1758: 749.
*Tritonium* (*Simpulum*) *gembacanum* Martin, 1884: 129, pl. 7, fig. 131.
*Lampusia pilearis* (Linnaeus) – Skwarko & Sufiati, 1994: m18.

Holotype of *Tritonium* (*Simpulum*) *gembacanum* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9790).

*Cymatium* (*Monoplex*) *wanneri* (Martin, 1914)

*Eutritonium* (*Lampusia*) *Wanneri* Martin, 1914: 148, pl. 4, fig. 107.
*Eutritonium wanneri* Martin – van der Vlerk, 1931: 239.
*Lampusia wanneri* (Martin) – Piccoli & Savazzi, 1983: 38.
*Lampusia wanneri* Martin – Skwarko & Sufiati, 1994: m19.

Holotype of *Eutritonium* (*Lampusia*) *Wanneri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9794).

Family Bursidae
Genus *Bursa*
Subgenus *Bursa* (*Bursa*)
*Bursa* (*Bursa*) *subgranosa* (Sowerby, 1841)

*Ranella interrupta* Martin, 1884: 138, pl. 8, fig. 138.
*Ranella interrupta* Martin – Chapman, 1918: 10.
*Bursa* (*Bursa*) *subgranosa* (G. B. Sowerby II) – Skwarko & Sufiati, 1994: n2.

Syntypes of *Ranella interrupta* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole II, 130 m, strat.: Upper Miocene (RGM 9887: 1 specimen); loc.: Tambak Batu (RGM 9884: 1 specimen, RGM 9885: 1 specimen).

Subgenus *Bursa* (*Ranella*)
*Bursa* (*Ranella*) *anjarensis* (Martin, 1884)

*Ranella anjarensis* Martin, 1884: 137, pl. 7, fig. 137.
*Ranella anjarensis* Martin – van der Vlerk, 1931: 240.
*Bursa* (*Ranella*) *anjarensis* – Skwarko & Sufiati, 1994: n3.

Holotype of *Ranella anjarensis* Martin, 1884, leg.: P. van Dijk, loc.: Banjaranyar, strat.: Quaternary (RGM 9932).

Suborder Heteroglossa
Superfamily Cerithiopsoidea
Family Triforidae
Subfamily Cerithiellinae
Genus *Ataxocerithium*
*Ataxocerithium dijki* (Martin, 1884)

*Cerithium* (*s. str.*) *Dijki* Martin, 1884: 156, pl. 8, fig. 153.
*Bittium dijki* Martin – van der Vlerk, 1931: 248.
*Bittium dijki* (Martin) – Shuto, 1969: 63.
*Ataxocerithium dijki* (Martin) – Shuto, 1978: 157.
*Ataxocerithium dijki* (Martin) – Skwarko & Sufiati, 1994: c3.

Syntype of *Cerithium* (*s. str.*) *Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 10459: 1 specimen).
The description was based on two specimens.

Family Triphoridae
Subfamily Triphorinae
Genus *Triphora*
Subgenus *Triphora* (*Inella*)
*Triphora* (*Inella*) *javana* (Martin, 1899)

*Triforis* (*Monophorus*) *javanus* Martin, 1899: 195, pl. 31, fig. 453.
*Triforis* (*Monophorus*) *javanus* Martin – Martin, 1914: 331.
*Triforis javanus* Martin – Martin, 1919: 92.
*Trifora* (*s.str.*) *javana* Martin – Martin, 1922: 492.
*Triforis javanus* Martin – van der Vlerk, 1931: 252.
*Triphora* (*Inella*) *javana* Martin – Skwarko & Sufiati, 1994: n7.

Holotype of *Triforis* (*Monophorus*) *javanus* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Lower Miocene (RGM 10352).

Superfamily Epitonioidea
Family Epitoniidae
Subfamily Epitoniinae
Genus *Epitonium*
*Epitonium cariniferum* (Martin, 1884)

*Scalaria carinifera* Martin, 1884: 176, pl. 9, fig. 170.
*Scalaria carinifera* Martin – van der Vlerk, 1931: 260.
*Scalarina carinifera* (Martin) – Skwarko & Sufiati, 1994: n11.

Holotype of *Scalaria carinifera* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole II, 180 m, strat.: Upper Miocene (RGM 11469).

*Epitonium elongatum* (Martin, 1884)

*Scalaria elongata* Martin, 1879: 76, pl. 13, fig. 5.
*Scalaria elongata* Martin – van der Vlerk, 1931: 260.
*Scalarina elongata* (Martin) – Skwarko & Sufiati, 1994: n11.

Holotype of *Scalaria elongata* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11470).

*Epitonium minimum* (Martin, 1884)

*Scalaria minima* Martin, 1879: 76, pl. 13, fig. 6.
*Scalaria minima* Martin – van der Vlerk, 1931: 260.
*Scalarina minima* (Martin) – Skwarko & Sufiati, 1994: n11.

Holotype of *Scalaria minima* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 11471).

*Epitonium samaranganum* (Martin, 1884)

*Scalaria samarangana* Martin, 1884: 176, pl. 9, fig. 171.
*Scalaria samarangana* Martin – van der Vlerk, 1931: 260.
*Scalaria samarangana* (Martin) – Skwarko & Sufiati, 1994: n11.

Holotype of *Scalaria samarangana* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 11472).

Superfamily Eulimoidea
Family Eulimidae
Genus *Eulima*
Subgenus *Eulima* (*Eulima*)
*Eulima* (*Eulima*) *sondeiana* Martin, 1905

*Eulima* (*s. str.*) *sondeiana* Martin, 1905: 269, pl. 40, fig. 649.
*Eulima sondeiana* Martin – Martin, 1908: 9.
*Eulima sondeiana* Martin – Martin, 1919: 100.
*Eulima sondeiana* Martin – van Es, 1931: 95.
*Eulima sondeiana* Martin – van der Vlerk, 1931: 260.
*Eulima*(*Eulima*) *marini* A. Adams – Skwarko & Sufiati, 1994: n14.

Holotype of *Eulima* (*s. str.*) *sondeiana* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 11473).

*Eulima* (*Eulima*) *tjaringinensis* Martin, 1905

*Eulima* (*s. str.*) *tjaringinensis* Martin, 1905: 270, pl. 40, fig. 650.
*Eulima tjaringinensis* Martin – van der Vlerk, 1931: 260.
*Eulima* (*Eulima*) *tjaringinensis* Martin – Skwarko & Sufiati, 1994: n14.

Holotype of *Eulima* (*s. str.*) *tjaringinensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 11474).

Subgenus unknown
*Eulima jogjacartensis* Martin, 1914

*Eulima jogjacartensis* Martin, 1914: 175, pl. 6, fig. 167.
*Eulima jogjacartensis* Martin – van der Vlerk, 1931: 260.
*Eulima jogjacartensis* Martin – Piccoli & Savazzi, 1983: 37.
*Eulima jogjacartensis* Martin – Skwarko & Sufiati, 1994: n13.

Holotype of *Eulima jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11475).

Genus *Niso*
Subgenus *Niso* (*Niso*)
*Niso* (*Niso*) *denticula* Martin, 1914

*Niso* (*s. str.*) *denticula* Martin, 1914: 175, pl. 6, figs. 168-169.
*Niso denticula* Martin – van der Vlerk, 1931: 260.
*Niso denticula* Martin – Piccoli & Savazzi, 1983: 37.
*Niso* (*Niso*) *denticula* Martin – Skwarko & Sufiati, 1994: n16.

Syntypes of *Niso* (*s. str.*) *denticula* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 11476: 2 specimens).

Order Neogastropoda
Superfamily Muricoidea
Family Muricidae
Subfamily Muricinae
Genus *Murex*
Subgenus *Murex* (*Murex*)
*Murex* (*Murex*) *djarianensis* Martin, 1895

*Murex* (*s. str.*) *djarianensis* Martin, 1895: 124, pl. 19, figs. 282-283.
*Murex djarianensis* Martin – Martin, 1911: 20.
*Murex djarianensis* Martin – Martin, 1919: 85.
*Murex* (*Tubicauda*) *djarianensis* Martin – Martin, 1921: 464.
*Murex djarianensis* Martin – Martin, 1926: 11.
*Murex djarianensis* Martin – Martin, 1928: 10.
*Murex djarianensis* Martin – van der Vlerk, 1931: 236.
*Murex* (*Murex*) *djarianensis* Martin – Oostingh, 1935: 64.
*Murex* (*Murex*) *djarianensis* Martin – Shuto, 1982: 125.
*Murex* (*Murex*) *djarianensis* Martin – Skwarko & Sufiati, 1994: o22.

Syntypes of *Murex* (*s. str.*) *djarianensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ciburial, strat.: Miocene (RGM 9640: 2 specimens); loc.: Ciodeng, strat.: Upper Miocene (RGM 9643: 2 specimens).

The description was based on seven specimens. Specimens collected by Junghuhn and described by Martin (1895) are also in the NNM (RGM 9647, 9648), but are not part of the type series since Martin considered them a variety of the species (ICZN Art. 72b1).

*Murex* (*Murex*) *ejectus* Martin, 1895

*Murex* (*s. str.*) *ejectus* Martin, 1895: 125, pl. 19, fig. 287.
*Murex* (*s.str.*) *ejectus* Martin – Martin, 1912: 166.
*Murex* (*s.str.*) *ejectus* Martin – Martin, 1914: 200.
*Murex ejectus* Martin – Martin, 1926: 11.
*Murex ejectus* Martin – van der Vlerk, 1931: 236.
*Murex ejectus* Martin – van Regteren Altena, 1950: 210.
*Murex* (*Murex*) *ejectus* Martin – Skwarko & Sufiati, 1994: o23.

Holotype of *Murex* (*s. str.*) *ejectus* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Kalanganyar, strat.: Pliocene (RGM 9655).

The type is in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

*Murex* (*Murex*) *lebacanus* Martin, 1895

*Murex* (*s. str.*) *lebacanus* Martin, 1895: 125, pl. 19, fig. 285.
*Murex lebacanus* Martin – Martin, 1912: 166.
*Murex lebacanus* Martin – Siemon, 1929: 40.
*Murex lebacanus* Martin – van der Vlerk, 1931: 236.
*Murex* (*Murex*) *lebacanus* Martin – Oostingh, 1940: 59.
*Murex lebacanus* Martin – van Regteren Altena, 1950: 210.
*Murex lebracanus* [sic] Martin – Shuto, 1975: 291.
*Murex lebacanus* Martin – Shuto, 1977: 135.
*Murex lebracanus* [sic] Martin – Shuto, 1978: 109.
*Murex lebacanus* Martin – Premonowati, 1990: 37.
*Murex* (*Murex*) *lebacanus* Martin – Skwarko & Sufiati, 1994: o23.

Syntypes of *Murex* (*s. str.*) *lebacanus* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Manceuri, strat.: Pliocene (RGM 9650: 1 specimen, RGM 9652: 1 specimen); loc.: Cikeusik (RGM 9649: 1 specimen).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

*Murex* (*Murex*) *troscheli verbeeki* Martin, 1895

*Murex* (*s. str.*) *Verbeeki* Martin, 1895: 123, pl. 19, figs. 287-280.
*Murex Verbeeki* Martin – Martin, 1911: 46.
*Murex* (*s.str.*) *Verbeeki* Martin – Martin-Icke, 1911: 47.
*Murex ternissa* Lamarck var. *Verbeeki* Martin – Tesch, 1915: 63.
*Murex* (*s.str.*) *Verbeeki* Martin – Fischer, 1927: 78.
*Murex verbeeki* Martin – van der Vlerk, 1931: 237.
*Murex* (*Murex*) *verbeeki verbeeki* Martin – Oostingh, 1940: 58.
*Murex* (*Murex*) *verbeeki* Martin – van Regteren Altena & Beets, 1945: 41.
*Murex* (*Murex*) *verbeeki verbeeki* – Wissema, 1947: 175.

*Murex troscheli verbeeki* Martin – van Regteren Altena, 1950: 209.
*Murex* (*Murex*) *troscheli verbeeki* – Shuto, 1969: 102.
*Murex* (*Murex*) *troscheli verbeeki* Martin – Shuto, 1978: 107.
*Murex* (*Murex*) *troscheli verbeeki* Martin. – Robba et al., 1989: 78.
*Murex* (*Murex*) *verbeeki verbeeki*. Martin – Premonowati, 1990: 37.
*Murex* (*Murex*) *troscheli verbeeki* Martin – Skwarko & Sufiati, 1994: o25.
*Murex* (*Murex*) *verbeeki verbeeki*. Martin – Skwarko & Sufiati, 1994: o26.

Lectotype of *Murex* (*s. str.*) *Verbeeki* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9631).

The lectotype was selected by van Regteren Altena (1950), who used specimen RGM 9633 illustrated by Martin (1895, Pl. 19, fig. 279) as *Murex triremis* (Perry). Another, not illustrated, specimen from the same sample was tentatively identified as *M. troscheli bentarsariensis* Oostingh. According to van Regteren Altena RGM 9637 (a specimen from Gunung Butak) probably belongs to another species.

Skwarko & Sufiati (1994) incorrectly assumed that the types are in the Geological Department UPN in Yogyakarta.

### Subgenus *Murex* (*Haustellum*)
### *Murex* (*Haustellum*) *bantamensis* Martin, 1895

*Murex* (*s. str.*) *bantamensis* Martin, 1895: 126, pl. 19, figs. 288-289.
*Murex bantamensis* Martin – Tesch, 1915: 63.
*Murex bantamensis* Martin – van der Vlerk, 1931: 236.
*Murex* (*s.str.*) *bantamensis* Martin – Wanner & Hahn, 1935: 253.
*Murex* (*Haustellum*) *bantamensis bantamensis* Martin – Oostingh, 1940: 60.
*Murex bantamensis* Martin – Cox, 1948: 43, pl. 4, fig. 4a-c.
*Murex bantamensis* Martin – Shuto, 1977: 135.
*Murex bantamensis bantamensis* Martin – Premonowati, 1990: 37.
*Murex* (*Haustellum*) *bantamensis* Martin – Skwarko & Sufiati, 1994: o19.

Syntypes of *Murex* (*s. str.*) *bantamensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Manceuri, strat.: Pliocene (RGM 9660: 1 specimen); loc.: Cikeusik (RGM 9656: 2 specimens, RGM 9659: 2 specimens).

Skwarko & Sufiati (1994) indicated that there are also types in the GRDC collection in Bandung. This is incorrect, since all specimens described by Martin are in the NNM. The two specimens described as a variety (RGM 9657, 9658) are not included in the type series (ICZN Artikel 72b1).

### *Murex* (*Haustellum*) *wanneri* Martin, 1916

*Murex* (*Haustellum*) *Wanneri* Martin, 1916: 240, pl. 2, figs. 37-38.
*Murex wanneri* Martin – van der Vlerk, 1931: 237.
*Murex* (*Haustellum*) *wanneri* Martin – Skwarko & Sufiati, 1994: o21.

Syntypes of *Murex* (*Haustellum*) *Wanneri* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 9667: 2 specimens, RGM 9668: 2 specimens); leg.: K. Martin (RGM 46992: 1 specimen).

The original description was based on 5 specimens. Only three specimens were found in the Martin collection. RGM 9667 is illustrated in Pl. 2 fig. 37, RGM 9668 in fig. 38. The specimens are damaged.

### Genus *Chicoreus*
### *Chicoreus batavianus* (Martin, 1884)

*Murex batavianus* Martin, 1884: 97, pl. 6, fig. 99.
*Murex* (*Chicoreus*) *batavianus* Martin – Martin, 1895: 130.
*Murex batavianus* Martin – van der Vlerk, 1931: 236.
*Murex* (*Chicoreus*) *batavianus* Martin – Wanner & Hahn, 1935: 253.
*Murex* (*Chicoreus*) *batavianus* Martin – Pannekoek, 1936: 41.
*Chicoreus* (*Euphelon*) *batavianus* Martin – Wissema, 1947: 169.
*Murex* (*Chicoreus*) *batavianus* Martin – Cox, 1948: 45, pl. 4, fig. 5a-c.
*Chicoreus batavianus* (Martin) – Skwarko & Sufiati, 1994: o13.

Holotype of *Murex batavianus* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole I, 105 m, strat.: Upper Miocene (RGM 9689).

Houart (1992: 136) indicated this specimen as the 'lectotype out of seven syntypes'. This is incorrect, since Martin clearly indicated that he had only one specimen available.

### *Chicoreus karangensis* (Martin, 1895)

*Murex* (*Chicoreus*) *karangensis* Martin, 1895: 130, pl. 20, fig. 295.
*Murex karangensis* Martin – van der Vlerk, 1931: 236.
*Chicoreus karangensis* Martin – Skwarko & Sufiati, 1994: o14.

Holotype of *Murex* (*Chicoreus*) *karangensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: between Cilintung and Ciangsana, strat.: Upper Miocene (RGM 9683).

The type is in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

### *Chicoreus longanensis* (Martin, 1895)

*Murex* (*Chicoreus*) *longanensis* Martin, 1895: 129, pl. 20, fig. 294.
*Murex longanensis* Martin – van der Vlerk, 1931: 236.
*Chicoreus longaensis* [sic] Martin – Skwarko & Sufiati, 1994: o14.

Holotype of *Murex* (*Chicoreus*) *longanensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Longgan, strat.: Upper Miocene (RGM 9684).

### *Chicoreus puruensis* (Martin, 1914)

*Murex* (*Chicoreus*) *puruensis* Martin, 1914: 145, pl. 4, figs. 93-94.
*Murex* (*Chicoreus*) *puruensis* Martin – Martin, 1931: 28.
*Murex puruensis* Martin – van der Vlerk, 1931: 237.
*Chicoreus puruensis* (Martin) – Piccoli & Savazzi, 1983: 39.
*Chicoreus puruensis* Martin – Skwarko & Sufiati, 1994: o14.

Syntypes of *Murex* (*Chicoreus*) *puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9690: 4 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 9691: 3 specimens).

### Genus *Hexaplex*
### Subgenus *Hexaplex* (*Phyllonotus*)
### *Hexaplex* (*Phyllonotus*) *junghuhni* (Martin, 1879)

*Murex Junghuhni* Martin, 1879: 51, pl. 9, fig. 8.
*Murex* (*Phyllonotus*) *Junghuhni* Martin – Martin, 1895: 130.
*Murex junghuhni* Martin – Martin, 1911: 20.
*Murex Junghuhni* var – Martin, 1928: 123.
*Murex junghuhni* Martin – van der Vlerk, 1931: 236.

*Murex* (*Phyllonotus*) *junghuhni* (Martin) – Skwarko & Sufiati, 1994: o16.

Syntypes of *Murex Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9692: 2 specimens, RGM 9698: 1 specimen, RGM 9699: 1 specimen).

The description was based on twelve specimens from locality O.

Genus *Pterynotus*
Subgenus *Pterynotus* (*Naquietia*)
*Pterynotus* (*Naquietia*) *sondeianus* (Martin, 1895)

*Murex* (*Chicoreus*) *sondeianus* Martin, 1895: 128, pl. 19, fig. 292.
*Murex sondeianus* Martin – van der Vlerk, 1931: 237.
*Murex sondeianus* Martin – Cox, 1948: 46.
*Chicoreus sodeianus* (Martin) – van Regteren Altena, 1950: 206.
*Pterynotus* (*Naquietia*) *sondeianus* (Martin) – Skwarko & Sufiati, 1994: o29.

Holotype of *Murex* (*Chicoreus*) *sondeianus* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9678).

Subfamily Muricopsinae
Genus *Muricopsis*
*Muricopsis bantamensis* (Martin, 1899)

*Ocenebra bantamensis* Martin, 1899: 133, pl. 21, fig. 306.
*Ocenebra bantamensis* Martin – Martin, 1907: 237.
*Ocenebra bantamensis* Martin – van der Vlerk, 1931: 237.
*Muricopsis bantamensis* (Martin) – van Regteren Altena, 1950: 211.
*Muricopsis bantamensis* (Martin) – Skwarko & Sufiati, 1994: o26.

Syntypes of *Ocenebra bantamensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9718: 3 specimens, RGM 9719: 2 specimens).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

*Muricopsis buxtorfi* (Martin, 1914)

*Murex* (*Muricopsis*) *Buxtorfi* Martin, 1914: 146, pl. 4, fig. 98.
*Murex buxtorfi* Martin – van der Vlerk, 1931: 236.
*Muricopsis buxtorfi* (Martin) – Piccoli & Savazzi, 1983: 39.
*Muricopsis buxtorfi* Martin – Skwarko & Sufiati, 1994: o27.

Holotype of *Murex* (*Muricopsis*) *Buxtorfi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9714).

*Muricopsis deningeri* (Martin, 1914)

*Murex* (*Muricopsis*) *Deningeri* Martin, 1914: 145, pl. 4, figs. 96-97.
*Murex deningeri* Martin – van der Vlerk, 1931: 236.
*Muricopsis deningeri* (Martin) – Piccoli & Savazzi, 1983: 39.
*Muricopsis deningeri* Martin – Skwarko & Sufiati, 1994: o27.

Syntypes of *Murex* (*Muricopsis*) *Deningeri* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 9713: 2 specimens); leg.: K. Martin, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9712: 2 specimens, RGM 47225: 2 specimens).

*Muricopsis merangianus* (Martin, 1921)

*Murex* (*Muricopsis*) *merangianus* Martin, 1921: 465, pl. 59, fig. 51.
*Murex merangianus* Martin – van der Vlerk, 1931: 236.
*Muricopsis merangianus* Martin – Skwarko & Sufiati, 1994: o27.

Holotype of *Murex* (*Muricopsis*) *merangianus* Martin, 1921, leg.: H. Martin-Icke, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 9715).

Genus *Homalocantha*
*Homalocantha talahabensis* (Martin, 1895)

*Murex* (*Homalocantha*) *talahabensis* Martin, 1895: 131, pl. 20, fig. 300.
*Murex talahabensis* Martin – van der Vlerk, 1931: 237.
*Homalocantha talahabensis* (Martin) – Shuto, 1977: 138.
*Homalocantha talahabensis* Martin – Skwarko & Sufiati, 1994: 017.

Holotype of *Murex* (*Homalocantha*) *talahabensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Lower Miocene (RGM 9711).

Subfamily Thaidinae
Genus *Thais*
Subgenus *Thais* (*Cymia*)
*Thais* (*Cymia*) *carinifera* (Lamarck, 1822)

*Purpura undataeformis* Martin, 1884: 110, pl. 6, fig. 111.
*Thais* (*Cymia*) *carinifera* (Lamarck) – Skwarko & Sufiati, 1994: o30.

Holotype of *Purpura undataeformis* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak or Bandjar Anjar, strat.: Miocene (RGM 9741).

*Thais* (*Cymia*) *imperialis* (de Blainville, 1832)

*Purpura depressa* Martin, 1879: 43, pl. 10, fig. 11.
*Purpura depressa* – Martin, 1911: 46.
*Purpura depressa* Martin – Martin, 1926: 11.
*Purpura depressa* – Martin, 1928: 9.
*Purpura depressa* Martin – van der Vlerk, 1931: 238.
*Thais* (*Cymia*) *imperialis* (de Blainville) – Skwarko & Sufiati, 1994: o31.

Holotype of *Purpura depressa* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9747).

*Thais* (*Cymia*) *preangerensis* (Martin, 1899)

*Purpura* (*Cuma*) *preangerensis* Martin, 1899: 136, pl. 21, fig. 314.
*Thais* (*Cymia*) *preangerensis* Martin – Martin, 1919: 86.
*Purpura preangerensis* Martin – van der Vlerk, 1931: 238.
*Thais* (*Cymia*) *preangerensis* (Martin) – Skwarko & Sufiati, 1994: o31.

Holotype of *Purpura* (*Cuma*) *preangerensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: between Cilintung and Ciangsana, strat.: Upper Miocene (RGM 9750).

Genus *Nassa*
*Nassa nanggulanensis* Martin, 1914

*Nassa nanggulanensis* Martin, 1914: 143, pl. 3, fig. 88.
*Nassa nanggulanensis* Martin – van der Vlerk, 1931: 233.
*Nassa nanggulanensis* Martin – Skwarko & Sufiati, 1994: p54.

Syntypes of *Nassa nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9540: 1 specimen); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9539: 1 specimen).

*Nassa reussi* Martin, 1879

*Nassa Reussi* Martin, 1879: 36, pl. 7, fig. 3.
*Nassa reussi* Martin – van der Vlerk, 1931: 234.
*Nassa reussi* Martin – Skwarko & Sufiati, 1994: p54.

Syntypes of *Nassa Reussi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 9266: 3 specimens).

The description was based on ten specimens, from Junghuhn localities K, O and C.

Genus *Nucella*
*Nucella bantamensis* (Martin, 1899)

*Purpura* (*Polytropa*) *bantamensis* Martin, 1899: 135, pl. 21, fig. 310.
*Purpura bantamensis* Martin – Martin-Icke, 1911: 47.
*Purpura bantamensis* Martin – van der Vlerk, 1931: 238.
*Nucella bantamensis* (Martin) – Skwarko & Sufiati, 1994: o2.

Syntypes of *Purpura* (*Polytropa*) *bantamensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: ? Cimanceuri near Bayah, strat.: Pliocene (RGM 9727: 1 specimen, RGM 9728: 1 specimen); loc.: Cikeusik (RGM 9726: 1 specimen).

Genus *Purpura*
Subgenus *Purpura* (*Purpura*)
*Purpura* (*Purpura*) *angsanana* Martin, 1899

*Purpura* (*s. str.*) *angsanana* Martin, 1899: 134, pl. 21, fig. 308.
*Purpura angsanana* Martin – van der Vlerk, 1931: 238.
*Purpura* (*Purpura*) *angsanana* Martin – Skwarko & Sufiati, 1994: o4.

Holotype of *Purpura* (*s. str.*) *angsanana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: between Cilintung and Ciangsana, strat.: Upper Miocene (RGM 9722).

Subgenus *Purpura* (*Tritonalia*)
*Purpura* (*Tritonalia*) *volzi* (Martin, 1914)

*Ocenebra Volzi* Martin, 1914: 133, pl. 4, figs. 99-100.
*Ocenebra volzi* Martin – van der Vlerk, 1931: 237.
*Purpura* (*Tritonalia*) *volzi* (Martin) – Skwarko & Sufiati, 1994: o4.

Syntypes of *Ocenebra Volzi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9721: 1 specimen, RGM 47221: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9720: 2 specimens).

Subgenus unknown
*Purpura dijki* Martin, 1884

*Purpura Dijki* Martin, 1884: 112, pl. 6, fig. 112.
*Purpura dijki* Martin – van der Vlerk, 1931: 238.
*Purpura dijki* Martin – Skwarko & Sufiati, 1994: o3.

Holotype of *Purpura Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak or Bandjar Anjar, strat.: Miocene (RGM 9749).

Genus *Ricinula*
*Ricinula angsanana* Martin, 1921

*Ricinula* (*Morula*) *angsanana* Martin, 1921: 466, pl. 59, fig. 52.
*Ricinula angsanana* Martin – van der Vlerk, 1931: 238.
*Ricinula angsanana* Martin – Skwarko & Sufiati, 1994: o4.

Holotype of *Ricinula* (*Morula*) *angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 9760).

*Ricinula puruensis* Martin, 1914

*Ricinula puruensis* Martin, 1914: 147, pl. 4, figs. 104-105.
*Ricinula puruensis* Martin – van der Vlerk, 1931: 238.
*Ricinula puruensis* Martin – Skwarko & Sufiati, 1994: o5.

Syntypes of *Ricinula puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9758: 2 specimens).

*Ricinula rhombiformis* (Martin, 1899)

*Pentadactylus rhombiformis* Martin, 1899: 138, pl. 21, fig. 316.
*Ricinula rhombiformis* Martin – van der Vlerk, 1931: 238.
*Ricinula rhombiformis* (Martin) – Skwarko & Sufiati, 1994: o5.

Holotype of *Pentadactylus rhombiformis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9756).

*Ricinula songoensis* Martin, 1914

*Ricinula* (*Morula*) *songoënsis* Martin, 1914: 148, pl. 4, fig. 106.
*Ricinula songoënsis* Martin – van der Vlerk, 1931: 238.
*Ricinula songoensis* Martin – Skwarko & Sufiati, 1994: o5.

Holotype of *Ricinula* (*Morula*) *songoënsis* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9759).

*Ricinula turrita* (Martin, 1879)

*Purpura turrita* Martin, 1879: 41, pl. 8, fig. 3.
*Ricinula turritus* Martin – Martin, 1899: 137.
*Ricinula* (*Pentadactylus*) *turrita* Martin – Tesch, 1915: 66.
*Ricinula turrita* Martin – van der Vlerk, 1931: 238.
*Ricinula turrita* Martin – Skwarko & Sufiati, 1994: o5.

Syntypes of *Purpura turrita* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 9757: 2 specimens).

Subfamily Typhinae
Genus *Typhis*
Subgenus *Typhis* (*Talityphis*)
*Typhis* (*Talityphis*) *macropterus* Martin, 1884

*Typhis macropterus* Martin, 1884: 98, pl. 6, fig. 100.
*Typhis macropterus* Martin – van der Vlerk, 1931: 237.
*Typhis* (*Talityphis*) *macropterus* (Martin) – Shuto, 1969: 99.
*Typhis* (*Talityphis*) *macropterus* (Martin) – Skwarko & Sufiati, 1994: o33.

Holotype of *Typhis macropterus* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9628).

Family Coralliophilidae
Genus *Coralliophila*
*Corraliophila angsanana* Martin, 1921

*Corraliophila angsanana* Martin, 1921: 466, pl. 59, fig. 53.
*Coralliophila angsanana* Martin – van der Vlerk, 1931: 238.
*Coralliophila angsanana* Martin – Skwarko & Sufiati, 1994: o10.

Holotype of *Corraliophila angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9764).

*Corraliophila problematica* Martin, 1899

*Corraliophila problematica* Martin, 1899: 138, pl. 21, fig. 312.
*Coralliophila problematica* Martin – van der Vlerk, 1931: 238.
*Coralliophila problematica* Martin – Skwarko & Sufiati, 1994: o10.

Holotype of *Corraliophila problematica* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Selacai, strat.: Upper Miocene (RGM 9761).

*Corraliophila sokkohensis* Martin, 1916

*Corraliophila sokkohensis* Martin, 1916: 241, pl. 2, fig. 39.
*Coralliophila sokkohensis* Martin – van der Vlerk, 1931: 238.
*Coralliophila sokkohensis* Martin – Skwarko & Sufiati, 1994: o11.

Syntypes of *Corraliophila sokkohensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 9762: 1 specimen); leg.: K. Martin (RGM 9763: 1 specimen).

Family Buccinidae
Subfamily Buccininae
Genus *Babylonia*
*Babylonia gracilis* (Martin, 1895)

*Dipsaccus gracilis* Martin, 1895: 103, pl. 16, fig. 229.
*Dipsaccus gracilis* Martin – Martin, 1911: 45.
*Dipsaccus gracilis* Martin – Martin, 1926: 11.
*Dipsaccus gracilis* Martin – van der Vlerk, 1931: 231.
*Babylonia gracilis* (Martin) – van Regteren Altena, 1950: 230.
*Babylonia gracilis* (Martin) – Skwarko & Sufiati, 1994: p3.

Syntypes of *Dipsaccus gracilis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 9246: 1 specimen, RGM 9247: 3 specimens).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

*Babylonia pangkaensis* (Martin, 1895)

*Dipsaccus pangkaënsis* Martin, 1895: 102, pl. 16, fig. 228.
*Dipsaccus pangkaënsis* Martin – Martin, 1911: 20.
*Dipsaccus pangkae'nsis* Martin – Martin, 1919: 83.
*Dipsaccus pangkae'nsis* Martin – van der Vlerk, 1931: 231.
*Babylonia pangkaensis* (Martin) – Oostingh, 1935: 82.
*Babylonia pangkaensis* (Martin) – Oostingh, 1939: 115.
*Babylonia pangkaensis* (Martin) – van Regteren Altena, 1950: 230.
*Babylonia pangkaensis* (Martin) – van Regteren Altena & Gittenberger, 1972: 468.
*Babylonia pangkaensis* Martin – Premonowati, 1990: 37.
*Babylonia pangkaensis* (Martin) – Skwarko & Sufiati, 1994: p3.

Lectotype of *Dipsaccus pangkaënsis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 9237).

The description was based on 44 specimens. Van Regteren Altena & Gittenberger (1972) selected the lectotype. Skwarko & Sufiati (1994) incorrectly indicated P. J3055 and J3056 as types.

Genus *Siphonalia*
Subgenus *Siphonalia* (*Siphonalia*)
*Siphonalia* (*Siphonalia*) *tjibaliungensis* Martin, 1895

*Siphonalia tjibaliungensis* Martin – van der Vlerk, 1931: 231.
*Siphonalia* (*Siphonalia*) *tjibaliungensis* Martin – Oostingh, 1939: 108.
*Siphonalia* (*Siphonalia*) *tjibaliungensis* Martin – Skwarko & Sufiati, 1994: p18.

Holotype of *Siphonalia dentifera* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9139).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

Subgenus *Siphonalia* (*Pseudoneptunea*)
*Siphonalia* (*Pseudoneptunea*) *bantamensis* Martin, 1895

*Siphonalia bantamensis* Martin, 1895: 97, pl. 16, fig. 218bis.
*Siphonalia bantamensis* Martin – van der Vlerk, 1931: 230.
*Siphonalia* (*Pseudoneptunea*) *bantamensis* Martin – Oostingh, 1939: 109.
*Siphonalia* (*Pseudoneptunea*) *bantamensis* Martin – Skwarko & Sufiati, 1994: p15.

Holotype of *Siphonalia bantamensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9156).

Skwarko & Sufiati (1994) incorrectly indicated P. J5644 (GRDC collection, Bandung) as the type of the species.

*Siphonalia* (*Pseudoneptunea*) *njalindungensis* Martin, 1921

*Siphonalia* (*P.*) *njalindungensis* Martin, 1921: 458, pl. 59, fig. 36.
*Siphonalia njalindungensis* Martin – van der Vlerk, 1931: 230.
*Siphonalia njalindungensis* Martin – Skwarko & Sufiati, 1994: p16.

Syntypes of *Siphonalia* (*Pseudoneptunea*) *njalindungensis* Martin, 1921, collector unknown, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9165: 1 specimen); leg.: H. Martin-Icke (RGM 9168: 4 specimens, RGM 47050: 1 specimen); loc.: Cimerang (RGM 9166: 2 specimens); loc.: between Ciangsana and Cimerang (RGM 9167: 2 specimens).

Subgenus unknown
*Siphonalia dentifera* Martin, 1895

*Siphonalia dentifera* Martin, 1895: 96, pl. 15, figs. 215-216.
*Siphonalia dentifera* Martin – van der Vlerk, 1931: 230.
*Siphonalia dentifera* Martin – Skwarko & Sufiati, 1994: p14.

Syntypes of *Siphonalia dentifera* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cijarian near Ciodeng, strat.: Upper Miocene (RGM 9134: 1 specimen); loc.: Ciodeng (RGM 9135: 3 specimens, RGM 9138: 3 specimens); loc.:

Junghuhn O (RGM 9133: 2 specimens).

The description was based on 20 specimens from Cijarian near Ciodeng and two from Junghuhn locality O.

*Siphonalia ickei* Martin, 1914

*Siphonalia* (*Phoracanthus*) *Ickei* Martin, 1914: 140, pl. 4, fig. 102.
*Siphonalia ickei* Martin – van der Vlerk, 1931: 230.
*Siphonalia ickei* Martin – Piccoli & Savazzi, 1983: 39.
*Siphonalia ickei* Martin – Skwarko & Sufiati, 1994: p1. 4.

Syntypes of *Siphonalia* (*Phoracanthus*) *Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9161: 2 specimens); collector unknown, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9157: 1 specimen); leg.: K. Martin (RGM 9158: 1 specimen, RGM 9159: 3 specimens, RGM 9164: 1 specimen, RGM 46986: 2 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 9160: 6 specimens, RGM 9163: 1 specimen); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 9162: 1 specimen).

Genus *Accidenticulabrum*
*Accidenticulabrum sangiranense* (Martin, 1906)

*Fusus* (*Clavella*) *sangiranensis* Martin, 1906: 307, pl. 44, fig. 728.
*Fusus* (*Clavella*) *sangiranensis* Martin – Martin, 1914: 164.
*Clavilithes sangiranensis* Martin – Martin, 1926: 12.
*Cominella sangiranensis* – Martin, 1928: 123.
*Cominella sangiranensis* Martin – van der Vlerk, 1931: 233.
*Tomlinia sangiranensis* (Martin) – van Regteren Altena, 1950: 233.
*Tomlinia sangiranensis* (Martin) – Skwarko & Sufiati, 1994: p22.
*Denticulabrum sangiranensis* (Martin) – Vermeij, 1999: 186.

Holotype of *Fusus* (*Clavella*) *sangiranensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Kali Cemoro, strat.: Pliocene (RGM 9255).

Skwarko & Sufiati (1994) indicated that there is also type material in the GRDC collection in Bandung. This cannot be correct, since Martin based his description on one specimen only. The type specimen was figured in Vermeij (1999).

*Accidenticulabrum javanum* (Martin, 1879)

*Fusus javanus* Martin, 1879: 58, pl. 10, fig. 13.
*Latirus* (*Leucozonia*) *javanus* Martin – Martin, 1895: 88.
*Latirus javanus* Martin – Martin, 1911: 45.
*Lathyrus javanus* Martin – Martin, 1919: 118.
*Cominella javana* – Martin, 1928: 123.
*Cominella javana* Martin – van der Vlerk, 1931: 231.
*Cominella javanus* (Martin) – Skwarko & Sufiati, 1994: p6.
*Denticulabrum javanum* (Martin) – Vermeij, 1999: 186.

Syntypes of *Fusus javanus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9252: 5 specimens).

These specimens are attributed to the type series with a query. RGM 9252 is the only sample of *Cominella javana* collected at Junghuhn locality O. However, the sample contains five specimens, whereas Martin based his description on three specimens only.

Subfamily Photinae
Genus *Phos*
Subgenus *Phos* (*Phos*)
*Phos* (*Phos*) *roseatus* Hinds, 1844

*Phos roseatus* – Hinds, 1844: 38, pl. 10 figs. 9-10.
*Buccinum* (*Phos.*) *acuminatum* Martin, 1879: 37, pl. 7, fig. 5.
*Phos* (*Phos*) *roseatus* Hinds – Skwarko & Sufiati, 1994: p11.

Holotype of *Buccinum* (*Phos*) *acuminatum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9219).

Subgenus *Phos* (*Philindophos*)
*Phos* (*Philindophos*) *dijki* Martin, 1884

*Phos Dijki* Martin, 1884: 128, pl. 7, fig. 130.
*Phos Teschi* – Koperberg, 1931: 100.
*Phos dijki* Martin – van der Vlerk, 1931: 232.
*Phos* (*Philindophos*) *dijki* Martin – Shuto, 1969: 119.
*Phos* (*Philindophos*) *dijki* Martin – Shuto, 1978: 108.
*Phos* (*Philindophos*) *dijki* Martin – Skwarko & Sufiati, 1994: p11.

Holotype of *Phos Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9228).

Subgenus unknown
*Phos cuspidatus* (Martin, 1879)

*Buccinum* (*Phos*) *cuspidatum* Martin, 1879: 37, pl. 7, fig. 4.
*Phos cuspidatus* Martin – van der Vlerk, 1931: 231.
*Phos cuspidatum* Martin – Skwarko & Sufiati, 1994: p8.

Holotype of *Buccinum* (*Phos*) *cuspidatum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9227).

*Phos woodwardianus* Martin, 1884

*Phos Woodwardianus* Martin, 1884: 127, pl. 7, fig. 129.
*Phos Woodwardianus* Martin – Martin, 1895: 98.
*Phos woodwardianus* Martin – Martin-Icke, 1911: 47.
*Phos woodwardianus* Martin – van der Vlerk, 1931: 232.
*Phos woodwardianus* Martin – Skwarko & Sufiati, 1994: p10.

Syntypes of *Phos Woodwardianus* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 9221: 3 specimens).

Skwarko & Sufiati (1994) indicated 'Nanggulan or Ngembak' as type locality. This is incorrect. The specimens from Ngembak (RGM 9222) were described as a variety of the species and are therefore not part of the type series (ICZN Art. 72b1).

Genus *Nassaria*
*Nassaria acuminata gedinganensis* (Martin, 1906)

*Hindsia gedinganensis* Martin, 1906: 313, pl. 22, fig. 330.
*Hindsia gedinganensis* Martin – Martin-Icke, 1911: 49.
*Hindsia gedinganensis* Martin – van der Vlerk, 1931: 240.
*Nassaria acuminata gedinganensis* (Martin) – Oostingh, 1939: 112.
*Nassaria acuminata gedinganensis* (Martin). – Skwarko & Sufiati, 1994: p57.

Syntypes of *Hindsia gedinganensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9830: 2 specimens, RGM 9831: 3 specimens).

### *Nassaria atjehensis* Oostingh, 1939

*Hindsia gedinganensis* var. – Martin, 1906: 313, Pl. 22, fig. 331.
*Nassaria atjehensis* Oostingh, 1939: 113, .
*Nassaria adjehensis* Oostingh – Skwarko & Sufiati, 1994: p57.

Paratype of *Nassaria atjehensis* Oostingh, 1939, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9833: 1 specimen).

This specimen was described and illustrated by Martin (1906: 313, Pl. 22, fig. 301) as *Hindsia gedinganensis* var. On the basis of the illustration Oostingh transferred it to *Nassaria atjehensis*. The holotype of the species is in the GRDC collection in Bandung (P. J5692).

### *Nassaria dijki* (Martin, 1884)

*Tritonium Dijki* Martin, 1884: 131, pl. 7, fig. 132.
*Hindsia dijki* Martin – van der Vlerk, 1931: 240.
*Hindsia dijki* (Martin) – Skwarko & Sufiati, 1994: m15.

Syntypes of *Tritonium Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9829: 4 specimens).

### *Nassaria ickei* (Martin, 1914)

*Hindsia Ickei* Martin, 1914: 151, pl. 4, figs. 112-113.
*Hindsia ickei* Martin – van der Vlerk, 1931: 240.
*Hindsia ickei* Martin – Skwarko & Sufiati, 1994: m15.

Syntypes of *Hindsia Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9858: 4 specimens, RGM 47227: 2 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9854: 5 specimens, RGM 9855: 2 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9856: 1 specimen, RGM 9857: 1 specimen).

### *Nassaria javana* (Martin, 1879)

*Triton javanus* Martin, 1879: 60, pl. 14, fig. 9.
*Triton javanum* – Martin, 1883: 208.
*Hindsia javana* Martin – Martin, 1906: 315.
*Hindsia javana* Martin – van der Vlerk, 1931: 240.
*Hindsia javana* (Martin) – Skwarko & Sufiati, 1994: m16.

Syntypes of *Triton javanus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 9846: 4 specimens); loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9843: 1 specimen, RGM 9844: 1 specimen, RGM 9845: 1 specimen); loc.: Junghuhn R, strat.: Upper Miocene (RGM 9847: 1 specimen, RGM 9848: 1 specimen).

### *Nassaria maxima* (Martin, 1914)

*Hindsia maxima* Martin, 1914: 153, pl. 4, fig. 117.
*Hindsia maxima* Martin – van der Vlerk, 1931: 240.
*Hindsia maxima* Martin – Skwarko & Sufiati, 1994: m16.

Syntypes of *Hindsia maxima* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9872: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9871: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 47222: 1 specimen).

### *Nassaria nanggulanensis* (Martin, 1914)

*Hindsia nanggulanensis* Martin, 1914: 152, pl. 4, figs. 114-115.
*Hindsia nanggulanensis* Martin – van der Vlerk, 1931: 240.
*Hindsia nanggulanensis* Martin – Skwarko & Sufiati, 1994: m16.

Syntypes of *Hindsia nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 9864: 66 specimens); strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9865: 14 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9859: 2 specimens, RGM 9863: 5 specimens, RGM 9866: 26 specimens, RGM 9869: 1 specimen, RGM 9870: 4 specimens, RGM 46985: 2 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 9860: 7 specimens); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 9867: 1 specimen); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9862: 2 specimens, RGM 9868: 2 specimens); loc.: Watumurah (RGM 9861: 1 specimen).

### *Nassaria samaragana* (Martin, 1884)

*Tritonium samaragana* Martin, 1884: 132, pl. 7, fig. 133.
*Hindsia samaragana* Martin – Martin, 1906: 315.
*Hindsia samaragana* Martin – Martin, 1928: 8.
*Hindsia samaragana* Martin – van der Vlerk, 1931: 240.
*Hindsia samaraganum* [sic] (Martin) – Skwarko & Sufiati, 1994: m17.

Syntype of *Tritonium samaragana* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9842: 1 specimen).

The description was based on two specimens.

### *Nassaria suturalis tjemoroensis* (Martin, 1906)

*Hindsia tjemoroensis* Martin, 1906: 316, pl. 22, fig. 333, pl. 23, fig. 334.
*Hindsia tjemoroensis* Martin – Zwierzycki, 1915: 127.
*Hindsia tjemoroënsis* Martin – van der Vlerk, 1931: 240.
*Hindsia tjemoroensis* Martin – Haanstra & Spiker, 1932: 1320.
*Nassaria tjemoroensis* Martin – Pannekoek, 1936: 41.
*Nassaria suturalis tjemoroensis* (Martin) – van Regteren Altena, 1950: 227.
*Hindsia vacifera tjemoroensis* Martin – Shuto, 1969: 126.
*Nassaria suturaris tjemoroensis* (Martin) – Skwarko & Sufiati, 1994: p58.

Syntypes of *Hindsia tjemoroensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9849: 2 specimens, RGM 9852: 1 specimen, RGM 9853: 2 specimens); loc.: Kali Cemoro (RGM 9850: 1 specimen, RGM 9851: 2 specimens). Martin (1906: 317) based this species on five specimens from Cikeusik and 3 from Kali Cemoro, which are all at NNM. Skwarko & Sufiati (1994) indicated that P. J5693 (GRDC collection in Bandung) from Cemoro is the type of *N. suturalis tjemoerensis*. This is incorrect.

### *Nassaria tambacana* (Martin, 1884)

*Tritonium tambacanum* Martin, 1884: 133, pl. 7, fig. 134.
*Hindsia tambacana* Martin – Martin, 1906: 314.
*Hindsia tambacana* Martin – Martin-Icke, 1911: 47.

*Hindsia tambacana* Martin – Martin, 1919: 87.
*Hindsia tambacana* Martin var – Siemon, 1929: 52.
*Hindsia tambacana* Martin – van der Vlerk, 1931: 240.
*Hindsia tambacana* Martin – Martin, 1932: 149.
*Nassaria tambacana* (Martin) – Oostingh, 1935: 82.
*Nassaria tambacana* (Martin) – Oostingh, 1939: 112.
*Nassaria tambacana* (Martin) – van Regteren Altena, 1950: 225.
*Nassaria tambacana* (Martin) – Skwarko & Sufiati, 1994: 58.

Syntypes of *Tritonium tambacanum* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9840: 1 specimen); loc.: Tambak Batu, strat.: Upper Miocene (RGM 9839: 1 specimen).

According to Martin (1906: 315) the designation of RGM 9840 to the type series was based on a mistake. The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

Subfamily Pisaniinae
Genus *Buccinulum*
Subgenus *Buccinulum* (*Samudra*)
*Buccinulum* (*Samudra*) *djocdjocartae* (Martin, 1884)

*Pusio Djocdjocartae* Martin, 1884: 104, pl. 6, fig. 105.
*Euthria jogjacartensis* Martin – Martin, 1914: 142.
*Eutrhia jogjacartensis* Martin – van der Vlerk, 1931: 230.
*Buccinulum jogjacartense* (Martin) – Beets, 1944: 16.
*Buccinulum* (*Euthria*) *jogjacartense* (Martin) – Zacchello, 1984: 86.
*Buccinulum* (*Samudra*) *djocdjocartae* (Martin) – Beets, 1987b: 86.
*Buccinulum* (*Samudra*) *djocdjocartae* (Martin) – Skwarko & Sufiati, 1994: p21.

Syntypes of *Pusio Djocdjocartae* Martin, 1884, leg.: P. van Dijk, loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9171: 3 specimens).

Genus *Cantharus*
Subgenus *Cantharus* (*Pollia*)
*Cantharus* (*Pollia*) *bucklandi* (d'Archiac, 1850)

*Buccinum* (*Pollia*) *ventriosum* Martin, 1882: 204, pl. 9, fig. 7.
*Pollia ventriosa* Martin – Martin, 1884: 105.
*Tritonidea ventriosa* Martin – Martin, 1895: 99.
*Tritonidea ventriosa* Martin – Martin, 1911: 20.
*Tritonidea ventriosa* Martin – Martin, 1928: 9.
*Tritonidea ventriosa* Martin – van der Vlerk, 1931: 232.
*Tritonidea ventriosa* Martin – Beets, 1950h: 334.
*Pollia bucklandi* (d'Archiac) – Skwarko & Sufiati, 1994: p13.

Syntype of *Buccinum* (*Pollia*) *ventriosum* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 9182: 1 specimen).

The description was based on two specimens. The specimen from Gunung Sela is missing in the NNM.

*Cantharus* (*Pollia*) *dubius* (Martin, 1879)

*Buccinum* (*?*) *dubium* Martin, 1879: 38, pl. 14, fig. 5.
*Buccinum* (*Pollia*) *dubium* Martin – Martin, 1883: 205.
*Tritonidea dubia* Martin – Martin, 1911: 45.
*Tritonidea dubia* Martin – van der Vlerk, 1931: 232.
*Tritonidea dubium* (Martin) – Skwarko & Sufiati, 1994: m20.

Holotype of *Buccinum* (*?*) *dubium* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 9192).

*Cantharus* (*Pollia*) *everwijni* (Martin, 1906)

*Tritonidea Everwijni* Martin, 1906: 309, pl. 22, fig. 320.
*Tritonidea everwijni* Martin – van der Vlerk, 1931: 232.
*Pollia everwijni* (Martin) – Shuto, 1969: 121.
*Pollia everwijni* (Martin) – Skwarko & Sufiati, 1994: p14.

Holotype of *Tritonidea Everwijni* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Ci Longgan, strat.: Upper Miocene (RGM 9204).

*Cantharus* (*Pollia*) *ickei* (Martin, 1914)

*Murex* (Muricidae) spec – Boettger, 1883: 128.
*Tritonidea Ickei* Martin, 1914: 141, pl. 3, figs. 83-84.
*Tritonidea Ickei* Martin – Martin, 1931: 26.
*Tritonidea ickei* Martin – van der Vlerk, 1931: 232.
*Tritonidea ickei* Martin – Skwarko & Sufiati, 1994: m21.

Syntypes of *Tritonidea Ickei* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9205: 4 specimens, RGM 46983: 7 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9206: 7 specimens, RGM 9208: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 9209: 14 specimens); loc.: Kali Songo (RGM 9207: no specimens present); loc.: Watumurah, strat.: Nanggulan Formation, Middle Eocene (RGM 9210: 1 specimen). Sample RGM 9207 is not present in the Martin Collection.

*Cantharus* (*Pollia*) *sondeianus* (Martin, 1895)

*Tritonidea sondeiana* Martin, 1895: 100, pl. 16, fig. 222.
*Tritonidea sondeiana* Martin – Martin-Icke, 1911: 47.
*Tritonidea sondeiana* Martin – van der Vlerk, 1931: 47.
*Tritonidea sondeiana* Martin – Skwarko & Sufiati, 1994: m21.

Holotype of *Tritonidea sondeiana* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9197).

Subgenus unknown
*Cantharus angsananus* (Martin, 1921)

*Titonidea* (*Canthurus*) *angsanana* Martin, 1921: 460, pl. 59, fig. 38.
*Tritonidea angsanana* Martin – van der Vlerk, 1931: 232.
*Tritonidea* (*Cantharus*) *angsanana* Martin – Wanner & Hahn, 1935: 251.
*Cantharus angsanana* Martin – Skwarko & Sufiati, 1994: p4.

Syntypes of *Titonidea* (*Canthurus*) *angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9211: 2 specimens).

*Cantharus fusiformis* (Martin, 1882)

*Hindsia fusiformis* Martin, 1882: 206, pl. 9, fig. 10.
*Tritonidea fusiformis* Martin – Martin, 1895: 99.
*Tritonidea fusiformis* Martin – Martin, 1914: 330.
*Tritonidea fusiformis* Martin – van der Vlerk, 1931: 232.
*Cantharus* (*Pollia*) *fusiformis* (Martin) – Beets, 1941: 192.
*Cantharus* (*Pollia*) *fusiformis* (Martin) – Beets, 1987a: 32.
*Cantharus fusiformis* (Martin) – Skwarko & Sufiati, 1994: p5.

Holotype of *Hindsia fusiformis* Martin, 1882, leg.: F. Junghuhn, unknown locality, strat.: Tertiary (RGM 9198).

*Cantharus lulianus* (Martin, 1884)

*Pollia luliana* Martin, 1884: 105.
*Pollia luliana* Martin – Martin, 1890: 279.
*Tritonidea* (*Pollia*) *luliana* Martin – Tesch, 1915: 55.
*Tritonidea luliana* Martin – Martin, 1919: 82.
*Pollia luliana* Martin – Martin, 1928: 9.
*Tritonidea luliana* Martin – van der Vlerk, 1931: 232.
*Cantharus* (*Pollia*) *lulianus* (Martin) – Oostingh, 1935: 81.
*Pollia luliana* Martin – MacNeil, 1960: 65.
*Cantharus lulianus* (Martin) – Shuto, 1975: 290.
*Cantharus lulianus* (Martin) – Shuto, 1977: 135.
*Cantharus lulianus* (Martin) – Shuto, 1978: 109.
*Cantharus lulianus* (Martin) – Skwarko & Sufiati, 1994: p5.

Syntype of *Pollia luliana* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole I, 105 m, strat.: Upper Miocene (RGM 9191: 1 specimen).

The description was based on nine specimens, partly from Fatu Lulih and Kassi Marinu in Fialarang on Timor, and partly from Batavia (now: Djakarta). The Timor specimens are at the NNM (RGM 9190), but they are not part of the Martin collection.

*Cantharus njalindungensis* (Martin, 1921)

*Tritonidea* (*Cantharus*) *njalindungensis* Martin, 1921: 460, pl. 59, fig. 39.
*Tritonidea njalindungensis* Martin – van der Vlerk, 1931: 232.
*Cantharus* (*Pollia*) *njalindungensis* Martin – Pannekoek, 1936: 41.
*Cantharus njalindungensis* Martin – Skwarko & Sufiati, 1994: p5.

Holotype of *Tritonidea* (*Cantharus*) *njalindungensis* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9203).

Genus *Preangeria*
*Preangeria angsanana* Martin, 1921

*Preangeria angsanana* Martin, 1921: 450, pl. 53, fig. 17.
*Preangeria angsanana* – Martin, 1928: 124.
*Preangeria angsanana* Martin – van der Vlerk, 1931: 237.
*Preangeria angsanana* Martin – Shuto, 1977: 134.
*Preangeria angsanana* Martin – Shuto, 1978: 107.
*Taurasia angsanana* (Martin) – Beets, 1985b: 41.
*Taurasia angsanana* (Martin) – Skwarko & Sufiati, 1994: o8.
*Preangeria angsanana* Martin, 1921 – Vermeij, 1998: 25-34.

Holotype of *Preangeria angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9753).

*Preangeria javana* (Martin, 1899)

*Acanthina javana* Martin, 1899: 137, pl. 21, fig. 315.
*Acanthina javana* Martin – van der Vlerk, 1931: 237.
*Acanthinella* (*non?*) *javana* (Martin) – Shuto, 1969: 111.
*Acanthinella javana* (Martin) – Shuto, 1977: 134.
*Acanthinella javana* (Martin) – Shuto, 1978: 107.
*Taurasia javana* (Martin) – Beets, 1985b: 42.
*Taurasia javana* (Martin) – Skwarko & Sufiati, 1994: o8.
*Preangeria javana* (Martin) – Vermeij, 1998: 26.

Holotype of *Acanthina javana* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Ci Longgan, strat.: Upper Miocene (RGM 9755).

*Preangeria talahabensis* Martin, 1921

*Preangeria talahabensis* Martin, 1921: 451, pl. 53, fig. 18.
*Preangeria talahabensis* Martin – Martin, 1928: 124.
*Preangeria talahabensis* Martin – van der Vlerk, 1931: 237.
*Nassa* (*Preangeria*) *talahabensis* (Martin) – Beets, 1950d: 295.
*Preangeria talahabensis* Martin – Shuto, 1977: 134.
*Preangeria talahabensis* Martin – Shuto, 1978: 107.
*Taurasia talahabensis* (Martin) – Beets, 1985b: 40.
*Taurasia talahabensis* (Martin) – Beets, 1987a: 29.
*Taurasia talahabensis* (Martin) – Skwarko & Sufiati, 1994: o9.
*Preangeria talahabensis* Martin, 1921 – Vermeij, 1998: 30-31.

Holotype of *Preangeria talahabensis* Martin, 1921, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 9754).

Family Columbellidae
Subfamily Columbellinae
Genus *Columbella*
Subgenus *Columbella* (*Columbella*)
*Columbella* (*Columbella*) *ickei* Martin, 1906

*Columbella* (*s. str.*) *Ickei* Martin, 1906: 317, pl. 45, figs. 735-736.
*Columbella ickei* Martin – van der Vlerk, 1931: 235.
*Columbella* (*Columbella*) *ickei* Martin – Skwarko & Sufiati, 1994: q7.

Syntypes of *Columbella* (*s. str.*) *Ickei* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 9583: 2 specimens).

Subgenus *Columbella* (*Alia*)
*Columbella* (*Alia*) *angsanana* Martin, 1921

*Columbella* (*Alia*) *angsanana* Martin, 1921: 462, pl. 59, fig. 42.
*Columbella angsanana* Martin – van der Vlerk, 1931: 234.
*Columbella* (*Alia*) *angsanana* Martin – Skwarko & Sufiati, 1994: q6.

Syntypes of *Columbella* (*Alia*) *angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9608: 1 specimen, RGM 9609: 2 specimens, RGM 47042: 1 specimen); leg.: R.D.M. Verbeek (RGM 9610: 1 specimen).

*Columbella* (*Alia*) *bandongensis* Martin, 1879

*Columbella bandongensis* Martin, 1879: 30, pl. 6, fig. 7.
*Columbella bandongensis* Martin – Martin, 1883: 220.
*Columbella Djocdjocartae* Martin, 1884: 114, pl. 6, fig. 115.
*Clumbella Djocdjocartae* – Martin, 1884: 114, pl. 6, fig. 115.
*Columbella* (*s.str.*) *bandongensis* Martin – Martin, 1895: 118.
*Columbella bandongensis* Martin – Martin, 1911: 20.
*Columbella* (*s.str.*) *bandongensis* Martin – Martin-Icke, 1911: 47.
*Columbella bondongensis* [sic] Martin – Martin, 1919: 84.
*Columbella bandongensis* Martin – van der Vlerk, 1931: 234.
*Columbella* (*Alia*) *bandongensis* Martin – Oostingh, 1935: 69.
*Columbella* (*Alia*) *bandongensis* Martin – Skwarko & Sufiati, 1994: q6.

Syntypes of *Columbella bandongensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 9569: 2 specimens).

The description was based on four specimens from locality O.

Holotype of *Columbella Djocdjocartae* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Miocene (RGM 9568).

### *Columbella* (*Alia*) *merangiana* Martin, 1921

*Columbella* (*Alia*) *merangiana* Martin, 1921: 463, pl. 59, figs. 45-46.
*Columbella merangiana* Martin – van der Vlerk, 1931: 235.
*Columbella* (*Alia*) *merangiana* Martin – Skwarko & Sufiati, 1994: q6.

Syntypes of *Columbella* (*Alia*) *merangiana* Martin, 1921, collector unknown, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 9614: 2 specimens); leg.: H. Martin-Icke (RGM 9613: 2 specimens, RGM 47055: 2 specimens).

The description was based on 11 specimens.

### *Columbella* (*Alia*) *preangerensis* Martin, 1921

*Columbella* (*Alia*) *preangerensis* Martin, 1921: 462, pl. 59, figs. 43-44.
*Columbella preangerensis* Martin – van der Vlerk, 1931: 235.
*Columbella* (*Alia*) *preangerensis* Martin – Skwarko & Sufiati, 1994: q6.

Syntypes of *Columbella* (*Alia*) *preangerensis* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9611: 1 specimen, RGM 9612: 7 specimens, RGM 47060: 2 specimens).

### Subgenus *Columbella* (*Conidea*) *Columbella* (*Conidea*) *pamotanensis* Martin, 1906

*Columbella* (*Conidea*) *pamotanensis* Martin, 1906: 318, pl. 45, fig. 737.
*Columbella pamotanensis* Martin – van der Vlerk, 1931: 235.
*Columbella* (*Conidea*) *pamotanensis* Martin – Skwarko & Sufiati, 1994: q8.

Holotype of *Columbella* (*Conidea*) *pamotanensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 9596).

### Subgenus *Columbella* (*Strombina*) *Columbella* (*Strombina*) *conigera* (Martin, 1884)

*Fusus coniger* Martin, 1884: 103, pl. 6, fig. 104.
(*?*) *C.* (*Strombina*) *conigera* Martin – Martin, 1895: 118.
*Columbella conigera* [sic] Martin – van der Vlerk, 1931: 235.
*Columbella* (*Strombina*) *coniger* Martin – Skwarko & Sufiati, 1994: q8.

Holotype of *Fusus coniger* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 9594).

### Subgenus unknown *?Columbella papillifera* (Martin, 1884)

*Voluta papillifera* Martin, 1884: 93, pl. 5, fig. 94.
*Columbella*(*?*) *papillifera* Martin – Martin, 1895: 122.
*Columbella papillifera* Martin – van der Vlerk, 1931: 235.
*Columbella? papillifera* (Martin) – Skwarko & Sufiati, 1994: q4.

Holotype of *Voluta papillifera* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 9619).

### *Columbella coniformis* Martin, 1884

*Columbella coniformis* Martin, 1884: 117, pl. 6, fig. 118.
*Columbella coniformis* Martin – van der Vlerk, 1931: 235.
*Columbella coniformis* Martin – Skwarko & Sufiati, 1994: q2.

Holotype of *Columbella coniformis* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9595).

### *Columbella dijki* Martin, 1884

*Columbella Dijki* Martin, 1884: 116, pl. 6, fig. 117.
*Columbella dijki* Martin – van der Vlerk, 1931: 235.
*Columbella dijki* Martin – Skwarko & Sufiati, 1994: q3.

Holotype of *Columbella Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 9584).

### *Columbella flavida* de Lamarck, 1822

*Columbella lacteoides* Martin, 1879: 30, pl. 6, fig. 8.
*Columbella (s. str.) flavida* Lamarck; var. nov. *insculpta* – Martin, 1895: 120.
*Columbella flavida* Lamarck prior *insculpta* Martin – van der Vlerk, 1931: 235.

Holotype of *Columbella lacteoides* Martin, 1879, leg.: F. Junghuhn, loc.: ? Junghuhn R, strat.: Neogene (RGM 9585).

RGM 9585 is holotype by monotypy of *C. lacteoides* Martin, 1879 and syntype of *C. flavida* var. *insculpta* Martin, 1895.

### *Columbella flavidaeformis* Martin, 1884

*Columbella flavidaeformis* Martin, 1884: 115, pl. 6, fig. 116.
*Columbella flavidaeformis* Martin – van der Vlerk, 1931: 235.
*Columbella flavidaeformis* Martin – Skwarko & Sufiati, 1994: q3.

Holotype of *Columbella flavidaeformis* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9586).

### *Columbella herklotsi* Martin, 1879

*Columbella Herklotsi* Martin, 1879: 29, pl. 6, fig. 6.
*Columbella herklotsi* Martin – van der Vlerk, 1931: 235.
*Columbella herklotsi* Martin – Skwarko & Sufiati, 1994: q4.

Syntype of *Columbella Herklotsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 9590: 1 specimen).

Apart from the specimen in RGM 9590, Martin also mentioned three juvenile specimens from Junghuhn's locality K, which could not be traced in the Martin Collection.

### *Columbella jogjacartensis* Martin, 1914

*Columbella jogjacartensis* Martin, 1914: 144, pl. 3, fig. 90.
*Columbella jogjacartensis* Martin – van der Vlerk, 1931: 235.
*Columbella jogjacartensis* Martin – Skwarko & Sufiati, 1994: q4.

Syntypes of *Columbella jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan

Formation, N1, Middle Eocene (RGM 9620: 2 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9621: 1 specimen, RGM 47248: 1 specimen).

*Columbella puruensis* Martin, 1914

*Columbella puruensis* Martin, 1914: 144, pl. 3, figs. 91-92.
*Columbella puruensis* Martin – van der Vlerk, 1931: 235.
*Columbella puruensis* Martin – Skwarko & Sufiati, 1994: q5.

Syntypes of *Columbella puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2 -, Middle Eocene (RGM 9622: 2 specimens).

Subfamily Pyreninae
Genus *Pyrene*
Subgenus *Pyrene* (*Atilia*)
*Pyrene* (*Atilia*) *gembacana* (Martin, 1884)

*Columbella gembacana* Martin, 1884: 114, pl. 6, fig. 114.
*Columbella* (*Mitrella*) *gembacana* Martin – Martin, 1895: 118.
*Columbella gembacana* Martin – Martin, 1919: 84.
*Columbella gembacana* Martin – van der Vlerk, 1931: 235.
*Pyrene* (*Atilia*) *gembacanus* (Martin) – Beets, 1941: 97.
*Pyrene* (*Atilia*) *gembecana* [sic] (Martin) – Skwarko & Sufiati, 1994: q14.

Holotype of *Columbella gembacana* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9597).

*Pyrene* (*Atilia*) *njalindungensis* (Martin, 1921)

*Columbella* (*Atilia*) *njalindungensis* Martin, 1921: 464, pl. 59, figs. 47-48.
*Columbella njalindungensis* – Martin, 1928.
*Columbella njalindunganensis* [sic] Martin – van der Vlerk, 1931: 235.
*Columbella njalindungensis* Martin – Haanstra & Spiker, 1932: 1097.
*Pyrene* (*Atilia*) *njalindungensis* (Martin) – Beets, 1941: 98.
*Pyrene* (*Atilia*) *njalindungensis* (Martin) – Skwarko & Sufiati, 1994: q14.

Syntypes of *Columbella* (*Atilia*) *njalindungensis* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9617: 6 specimens, RGM 47032: 3 specimens); loc.: between Ciangsana and Cimerang (RGM 9615: 3 specimens, RGM 9616: 1 specimen).

Genus *Anachis*
Subgenus *Anachis* (*Anachis*)
*Anachis* (*Anachis*) *terpsichore* (Sowerby, 1822)

*Collumbella Terpsichore* (Leathes M. S.) – Sowerby, 1822.
*Buccinum Junghuhni* Martin, 1879: 38, pl. 7, fig. 6.
*Columbella* (*s.str.*) *Junghuhni* Martin var – Martin, 1895: 119, pl. 10, fig. 271-272.
*Columbella junghuhni* Martin – van der Vlerk, 1931: 235.
*Anachis* (*anachis*) *terpsichore* Sowerby – Skwarko & Sufiati, 1994: q1.

Syntypes of *Buccinum Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: ? Junghuhn Z, strat.: Pliocene (RGM 9582: 1 specimen); loc.: Junghuhn K, strat.: Upper Miocene (RGM 9578: 2 specimens, RGM 9580: 2 specimens); loc.: Junghuhn R (RGM 9579: 3 specimens).

RGM 9582 is listed with a query as part of the type series.

The description was based on 11 specimens, 5 of which originated from Junghuhn's locality K, 3 from locality R. Martin does not mention the locality from which the remaining 3 specimens came. Since the label gives the locality Z with a questionmark, it is possible that this is one of the three specimens of the uncertain locality. RGM 9578 was also illustrated by Martin (1895: pl. 10, figs. 271, 272).

Genus *Mazatlania*
*Mazatlania simplicissima* (Martin, 1906)

*Terebra simplicissima* Martin, 1906: 287, pl. 42, fig. 686.
*Terebra simplicissima* Martin – van der Vlerk, 1931: 212.
*Mazatlania simplicissima* (Martin) – Oostingh, 1940: 57.
*Mazatlania simplicissima* (Martin) – Skwarko & Sufiati, 1994: q10.

Holotype of *Terebra simplicissima* Martin, 1906, leg.: F. Junghuhn, unknown locality, strat.: Tertiary (RGM 7401).

Genus *Mitrella*
Subgenus *Mitrella* (*Mitrella*)
*Mitrella* (*Mitrella*) *palabuanensis* (Martin, 1895)

*Columbella* (*s. str.*) *palabuanensis* Martin, 1895: 120, pl. 18, fig. 273.
*Columbella* (*Alia*) *palabuanensis* Martin – Cossmann, 1901: 233.
*Columbella palabuanensis* Martin – Martin, 1919: 84.
*Columbella palabuanensis* Martin – Martin, 1921: 463.
*Columbella palabuanensis* Martin – Martin, 1928: 8.
*Columbella palabuanensis* Martin – van der Vlerk, 1931: 235.
*Mitrella* (*Mitrella*) *palabuanensis* (Martin) – Oostingh, 1940: 46.
*Mitrella* (*Mitrella*) *palabuanensis* (Martin) – Skwarko & Sufiati, 1994: q12.

Holotype of *Columbella* (*s. str.*) *palabuanensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cijarian near Ciodeng, strat.: Upper Miocene (RGM 9588).

The type is in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

Subgenus *Mitrella* (*Columbellopsis*)
*Mitrella* (*Columbellopsis*) *simplex* (Martin, 1879)

*Buccinum* (*Bullia*) *simplex* Martin, 1879: 37, pl. 7, fig. 2.
*Columbella* (*Mitrella*) *simplex* Martin – Martin, 1895: 121.
*Atilia simplec* (Martin) – Cossmann, 1903: 149.
*Columbella simplex* Martin – Martin, 1911: 46.
*Columbella simplex* Martin – van der Vlerk, 1931: 235.
*Mitrella* (*Columbellopsis*) *simplex* (Martin) – Oostingh, 1940: 48.
*Mitrella* (*Columbellopsis*) *simplex* (Martin) – Skwarko & Sufiati, 1994: q12.

Syntype of *Buccinum* (*Bullia*) *simplex* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 9599: 1 specimen).

Martin (1879) based *Buccinum* (*Bullia*) *simplex* on three specimens: RGM 9599 from Location Junghuhn K and two specimens from Junghuhn R. The latter two are not present in the Martin Collection.

Subgenus unknown
*Mitrella turrigera* (Martin, 1882)

*Columbella turrigera* Martin, 1882: 220, pl. 10, fig. 19.

*Columbella turrigera* Martin – Martin, 1884: 113, pl. 6, fig. 113.
*Columbella* (*Mitrella*) *turrigera* Martin – Martin, 1895: 122.
*Columbella turrigera* Martin – Martin, 1911: 20.
*Columbella turrigera* Martin – van der Vlerk, 1931: 235.
*Mitrella turrigera* (Martin) – Skwarko & Sufiati, 1994: q10.

Holotype of *Columbella turrigera* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 9607).

Genus *Indomitrella*
*Indomitrella gracillima* (Martin, 1895)

*Columbella* (*Strombina*) *gracillima* Martin, 1895: 121, pl. 18, figs. 274-275.
*Columbella gracillima* Martin – Icke & Martin, 1911: 49.
*Columbella gracillima* Martin – van der Vlerk, 1931: 235.
*Mitrella* (*Macrurella*) *gracillima* (Martin) – van Regteren Altena, 1950: 220.
*Indomitrella gracillima* (Martin) – Skwarko & Sufiati, 1994: q9.

Syntypes of *Columbella* (*Strombina*) *gracillima* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9591: 2 specimens, RGM 9592: 2 specimens).

The description was based on six specimens from Sonde.

Family Nassariidae
Subfamily Nassariinae
Genus *Nassarius*
Subgenus *Nassarius* (*Caesia*)
*Nassarius* (*Caesia*) *tambacanus* (Martin, 1884)

*Nassa* (*Zaphon*) *tambacana* Martin, 1884: 124, pl. 7, fig. 127.
*Nassa tambacana* Martin – van der Vlerk, 1931: 234.
*Nassa* (*Zaphon*) *tambacana* Martin – Skwarko & Sufiati, 1994: p57.

Syntypes of *Nassa* (*Zaphon*) *tambacana* Martin, 1884, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 9513: 4 specimens).

Subgenus *Nassarius* (*Hinia*)
*Nassarius* (*Hinia*) *ickei* (Martin, 1914)

*Nassa* (*Hinia*) *Ickei* Martin, 1914: 143, pl. 3, figs. 88-89.
*Nassa ickei* Martin – van der Vlerk, 1931: 233.
*Hinia ickei* Martin – Skwarko & Sufiati, 1994: p51.

Syntypes of *Nassa* (*Hinia*) *Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 9515: 2 specimens, RGM 47212: 2 specimens); collector unknown, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9514: 3 specimens); leg.: K. Martin (RGM 9516: 11 specimens, RGM 9517: 2 specimens).

Subgenus *Niotha*
*Nassarius* (*Niotha*) *angsananus* (Martin, 1921)

*Nassa* (*Niotha*) *angsanana* Martin, 1921: 461, pl. 59, fig. 40.
*Nassa angsanana* Martin – van der Vlerk, 1931: 233.
*Nassarius* (*Niotha*) *angsanana* Martin – Skwarko & Sufiati, 1994: p64.

Syntypes of *Nassa* (*Niotha*) *angsanana* Martin, 1921, collector unknown, loc.: Ciangsana, strat.: Nyalingung Formation, Lower Miocene (RGM 9541: 1 specimen); leg.: H. Martin-Icke (RGM 9543: 5 specimens, RGM 47004: 2 specimens); loc.: Cimerang (RGM 9544: 2 specimens); loc.: between Ciangsana and Cimerang (RGM 9542: 1 specimen).

*Nassarius* (*Niotha*) *ngawianus* (Martin, 1895)

*Nassa* (*Niotha*) *ngawiana* Martin, 1895: 107, pl. 17, fig. 241.
*Nassa* (*Niotha*) *ngawiana* Martin – Fischer, 1927: 72.
*Nassa ngawiana* Martin – van der Vlerk, 1931: 234.
*Nassarius* (*Niotha*) *ngawiana* Martin – Skwarko & Sufiati, 1994: p66.

Holotype of *Nassa* (*Niotha*) *ngawiana* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9267).

*Nassarius* (*Niotha*) *rajaensis* (Martin, 1895)

*Nassa* (*Niotha*) *rajaënsis* Martin, 1895: 106, pl. 17, fig. 238.
*Nassa rajaënsis* Martin – van der Vlerk, 1931: 234.
*Nassarius* (*Niotha*) *rajaensis* Martin – Skwarko & Sufiati, 1994: p66.

Syntypes of *Nassa* (*Niotha*) *rajaënsis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Manceuri, strat.: Pliocene (RGM 9260: 1 specimen, RGM 9261: 1 specimen).

*Nassarius* (*Niotha*) *talahabensis* (Martin, 1921)

*Nassa* (*Niotha*) *talahabensis* Martin, 1921: 462, pl. 59, fig. 2.
*Nassa talahabensis* Martin – van der Vlerk, 1931: 234.
*Nassarius* (*Niotha*) *talahabensis* Martin – Skwarko & Sufiati, 1994: p67.

Syntypes of *Nassa* (*Niotha*) *talahabensis* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalingung Formation, Lower Miocene (RGM 9546: 1 specimen); loc.: Citalahab (RGM 9545: 1 specimen).

Subgenus *Nassarius* (*Uzita*)
*Nassarius* (*Uzita*) *beberkirianus* (Martin, 1906)

*Nassa* (*Uzita*) *beberkiriana* Martin, 1906: 317, pl. 45, fig. 734.
*Nassa* (*Uzita*) *beberkiriana* Martin – Martin, 1921: 461.
*Nassa beberkiriana* Martin – van der Vlerk, 1931: 233.
*Hinia* (*Uzita*) *beberkiriana* Martin – Skwarko & Sufiati, 1994: p52.

Syntypes of *Nassa* (*Uzita*) *beberkiriana* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Ci Beber, strat.: Nyalindung Formation, Lower Miocene (RGM 9528: 2 specimens).

*Nassarius* (*Uzita*) *junghuhni* (Martin, 1895)

*Nassa* (*Uzita*) *Junghuhni* Martin, 1895: 115, pl. 17, fig. 234.
*Nassa junghuhni* Martin – van der Vlerk, 1931: 234.
*Hinia* (*Uzita*) *junghuhni* Martin – Skwarko & Sufiati, 1994: p52.

Syntypes of *Nassa* (*Uzita*) *Junghuhni* Martin, 1895, leg.: ?F. Junghuhn, unknown locality, strat.: Tertiary (RGM 9536: 1 specimen, RGM 9537: 1 specimen).

Subgenus *Nassarius* (*Zeuxis*)
*Nassarius* (*Zeuxis*) *dijki* (Martin, 1895)

*Nassa* (*Niotha*) *Dijki* Martin, 1895: 109, pl. 17, fig. 244.
*Nassa dijki* Martin – van der Vlerk, 1931: 233.
*Nassarius* (*Zeuxis*) *dijki* (Martin) – Shuto, 1969: 136.
*Nassarius* (*Zeuxis*) *dijki* (Martin) – Skwarko & Sufiati, 1994: p70.

Syntypes of *Nassa* (*Niotha*) *Dijki* Martin, 1895, leg.: P. van Dijk, loc.: Gresik Borehole, 616-645 m, strat.: Lower Miocene (RGM 9281: 1 specimen, RGM 9282: 1 specimen).

The description was based on three specimens from the Gresik Borehole.

*Nassarius* (*Zeuxis*) *madiunensis* (Martin, 1895)

*Nassa* (*Zeuxis*) *madiunensis* Martin, 1895: 114, pl. 18, fig. 261.
*Nassa madiunensis* Martin – Martin, 1928: 9.
*Nassa madiunensis* Martin – van der Vlerk, 1931: 233.
*Nassarius* (*Zeuxis*) *madiunensis* Martin – Skwarko & Sufiati, 1994: p71.

Holotype of *Nassa* (*Zeuxis*) *madiunensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9526).

*Nassarius* (*Zeuxis*) *ovum* (Martin, 1879)

*Nassa ovum* Martin, 1879: 35, pl. 7, fig. 1.
*Nassa ovum* Martin – Martin, 1883: 218.
*Nassa* (*Zeuxis*) *ovum* Martin – Martin, 1884: 121.
*Nassa* (*Alectrion*) *ovum* Martin – Martin, 1895: 108.
*Nassa ovum* Martin – Martin, 1911: 20.
*Nassa ovum* Martin – Tesch, 1915: 61.
*Nassa ovum* Martin – Martin, 1919: 83.
*Nassa ovum* Martin – Martin, 1922: 478.
*Nassa ovum* Martin – Fischer, 1927: 33.
*Nassa ovum* – Martin, 1928: 114.
*Nassa ovum* Martin – Siemon, 1929: 54.
*Nassa ovum* Martin – van der Vlerk, 1931: 234.
*Nassarius* (*Alectrion*) *ovum* (Martin) – Oostingh, 1935: 74.
*Nassarius* (*Zeuxis*) *ovum* (Martin) – Shuto, 1969: 135.
*Nassarius* (*Zeuxis*) *ovum* (Martin) – Skwarko & Sufiati, 1994: p72.

Syntypes of *Nassa ovum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Miocene (RGM 9268: 11 specimens, RGM 9278: 14 specimens).

The description was based on 39 specimens from Junghuhn's locality O.

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

*Nassarius* (*Zeuxis*) *verbeeki* (Martin, 1895)

*Nassa* (*Hinia*) *Verbeeki* Martin, 1895: 110, pl. 17, figs. 247-255.
*Nassarius Verbeeki* Martin – Schepman, 1907: 174.
*Nassa* (*Hinia*) *Verbeeki* Martin – Martin-Icke, 1911: 47.
*Nassarius Verbeeki* Martin – Martin, 1919: 83.
*Nassarius Verbeeki* Martin – van der Meer-Mohr, 1922: 9.
*Nassarius Verbeeki* Martin – Martin, 1926: 4.
*Nassarius* (*Zeuxis*) *Verbeeki* Martin – Fischer, 1927: 33.
*Nassarius Verbeeki* Martin – Martin, 1928: 9.
*Nassa verbeeki* Martin – van der Vlerk, 1931: 234.
*Nassarius* (*Hinia*) *Verbeeki* (Martin) – Oostingh, 1935: 78.
*Nassarius* (*Zeuxis*) *caelatus verbeeki* (Martin) – Shuto, 1969: 133.
*Nassarius* (*Zeuxis*) *verbeeki* (Martin) – Shuto, 1977: 139.
*Nassarius* (*Zeuxis*) *verbeeki* (Martin) – Shuto, 1978: 107.
*Nassarius* (*Zeuxis*) *verbeeki* (Martin) – Skwarko & Sufiati, 1994: p75.

Syntypes of *Nassa* (*Hinia*) *Verbeeki* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Margahina, strat.: Pliocene (RGM 9508: 17 specimens); loc.: Sonde (RGM 9493: 8 specimens, RGM 9495: 7 specimens, RGM 9496: 1 specimen, RGM 9497: 4 specimens, RGM 9498: 3 specimens, RGM 9499: 1 specimen, RGM 9501: 2 specimens, RGM 9502: 4 specimens, RGM 9503: 5 specimens, RGM 9504: 2 specimens, RGM 9505: 45 specimens, RGM 9506: 11 specimens, RGM 9507: 7 specimens).

Subgenus unknown
*Nassarius sondeianus* (Martin, 1895)

*Nassa* (*Eione*) *sondeiana* Martin, 1895: 112, pl. 18, fig. 257.
*Nassa sondeiana* Martin – van der Vlerk, 1931: 234.
*Arcularia* (*Arcularia*) *sondeiana* (Martin) – Skwarko & Sufiati, 1994: p49.

Holotype of *Nassa* (*Eione*) *sondeiana* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9520).

Subfamily Cylleninae
Genus *Cyllene*
*Cyllene angsanana* Martin, 1921

*Cyllene angsanana* Martin, 1921: 459, pl. 59, fig. 37.
*Cyllene angsanana* Martin – van der Vlerk, 1931: 231.
*Cyllene angsanana* Martin – MacNeil, 1960: 82.
*Cyllene angsanana* Martin – Skwarko & Sufiati, 1994: p50.

Holotype of *Cyllene angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Lower Miocene (RGM 9181).

*Cyllene smithi* Martin, 1884

*Cyllene Smithi* Martin, 1884: 125, pl. 7, fig. 139.
*Cyllene smithi* Martin – van der Vlerk, 1931: 231.
*Cyllene smithi* Martin – Skwarko & Sufiati, 1994: p50.

Syntypes of *Cyllene Smithi* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole II, 130 m, strat.: Upper Miocene (RGM 9180: 3 specimens); loc.: Batavia Borehole III, 117 m (RGM 9179: 2 specimens).

Subfamily Dorsaniinae
Genus *Bullia*
Subgenus *Bullia* (*Adinus*)
*Bullia* (*Adinus*) *tjidamarensis* (Martin, 1879)

*Terebra* (*?*) *tjidamarensis* Martin, 1879: 32, pl. 14, fig. 4.
*Dorsanum* (*adinus*) *tjidamarense* Martin – Martin, 1895: 117.
*Dorsanum tjidamarensis* Martin – van der Vlerk, 1931: 233.
*Bullia* (*Adinus*) *tjidamarensis* (Martin) – Oostingh, 1939: 165.
*Bullia* (*Adinus*) *tjidamarensis* (Martin) – Skwarko & Sufiati, 1994: p49.

Syntype of *Terebra* (*?*) *tjidamarensis* Martin, 1879, collector unknown, loc.: Junghuhn K, strat.: Miocene (RGM 9561: 1 specimen).

The description was based on two specimens.

Family Melongenidae
Genus *Melongena*
*Melongena gigas* (Martin, 1883)

*Pyrula* (*Myristica*) *gigas* Martin, 1883: 211.
*Pyrula* (*Melongena*) *gigas* Martin – Martin, 1895: 90.
*Melongena gigas* Martin – Martin, 1911: 45.
*Melongena gigas* Martin – Martin, 1919: 81.
*Melongena gigas* – Martin, 1928: 114.

*Melongena gigas* Martin – van der Vlerk, 1931: 230.
*Melongena gigas* Martin – Beets, 1941: 99.
*Melongena gigas* Martin – Beets, 1987c: 112.
*Melongena gigas* (Martin) – Skwarko & Sufiati, 1994: p42.

Syntypes of *Pyrula* (*Myristica*) *gigas* Martin, 1883, leg.: F. Junghuhn, unknown locality, strat.: Miocene (RGM 9072: 4 specimens); loc.: Junghuhn O, strat.: Upper Miocene (RGM 9063: 3 specimens, RGM 9066: 1 specimen, RGM 9067: 5 specimens).

These specimens are listed with a query as types. Martin (1883) described this species on the basis of 28 specimens from the collections of F. Junghuhn and 'Batavia'. He indicated that the material came from 'Gunung Sela and the region between Cikembar and Wijnkoops Bay'. The specimens listed above are all collected by Junghuhn. There is no indication of locality on sample RGM 9072. The other samples originate from Junghuhn locality O, which was defined as 'from the region of Liocicankang to the west till Gunung Sela, Cilanang Gap'. Thus, the indication 'Junghuhn O' would fit specimens from Gunung Sela, but it is peculiar that Martin's description gives a more specific indication of the locality that is available on the labels. These are, however, the only specimens of the species collected by Junghuhn in the Martin collection and may therefore be considered to be part of the type series unless proven otherwise.

*Melongena ponderosa* (Martin, 1895)

*Pyrula* (*Melongena*) *ponderosa* Martin, 1895: 92, pl. 14, fig. 208.
*Melongena perponderosa* [sic] – Martin, 1919: 119.
*Melongena perponderosa* [sic] Martin – van der Vlerk, 1931: 230.
*Melongena ponderosa* Martin – Skwarko & Sufiati, 1994: p43.

Syntypes of *Pyrula* (*Melongena*) *ponderosa* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cijarian near Ciodeng, strat.: Upper Miocene (RGM 9078: 1 specimen, RGM 9079: 2 specimens, RGM 9080: 2 specimens).

Genus *Pugilina*
Subgenus *Pugilina* (*Pugilina*)
*Pugilina* (*Pugilina*) *ickei* (Martin, 1906)

*Melongena Ickei* Martin, 1906: 309, pl. 45, fig. 713.
*Melongena Ickei* – Martin, 1919: 82.
*Melongena Ickei* – Martin, 1928: 111.
*Melongena ickei* Martin – van der Vlerk, 1931: 230.
*Pugilina* (*Pugilina*) *ickei* (Martin) – Beets, 1984: 60.
*Pugilina* (*Pugilina*) *ickei* (Martin) – Skwarko & Sufiati, 1994: p46.

Syntypes of *Melongena Ickei* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 9115: 2 specimens).

*Pugilina* (*Pugilina*) *pugilina madjalengkensis* (Martin, 1895)

*Pyrula* (*Melongena*) *madjalengkensis* Martin, 1895: 92, pl. 15, figs. 209-210.
*Melanogena madjalengkensis* Martin – Martin, 1919: 81.
*Melanogena madjalengkensis* Martin – Martin, 1926: 13.
*Melanogena madjalengkensis* Martin – Martin, 1928.
*Pyrula madjalengkensis* Martin – Siemon, 1929: 40.
*Melanogena madjalengkensis* Martin – van der Vlerk, 1931: 230.
*Melongena* (*Pugilina*) *pugilina madjalengkensis* (Martin) – Oostingh, 1935: 84.
*Pugilina* (*Pugilina*) *pugilina madjalengkensis* (Martin) – van Regteren Altena, 1950: 235.
*Pugilina* (*Pugilina*) *pugilina madjalengkensis* (Martin) – Skwarko & Sufiati, 1994: p47.

Syntypes of *Pyrula* (*Melongena*) *madjalengkensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 9081: 2 specimens, RGM 9082: 2 specimens, RGM 9084: 9 specimens, RGM 9085: 8 specimens, RGM 9089: 1 specimen); loc.: Cimara (RGM 9083: 4 specimens); loc.: Sangiran in Boyolali, strat.: Upper Miocene (RGM 9087: 1 specimen).

*Pugilina* (*Pugilina*) *rex* (Martin, 1895)

*Pyrula* (*Melongena*) *rex* Martin, 1895: 93, pl. 15, fig. 211.
*Melongena rex* Martin – Martin, 1919: 82.
*Pyrula rex* Martin – Siemon, 1929: 40.
*Melongena rex* Martin – van der Vlerk, 1931: 230.
*Melongena* (*Pugilina*) *pugilina rex* (Martin) – Oostingh, 1935: 85.
*Pugilina* (*Pugilina*) *rex* (Martin) – Skwarko & Sufiati, 1994: p47.

Holotype of *Pyrula* (*Melongena*) *rex* Martin, 1895, collector unknown, loc.: ? Cingatu, Cirebon, strat.: Neogene (RGM 9090).

Genus *Volema*
Subgenus *Volema* (*Volema*)
*Volema* (*Volema*) *junghuhni* (Martin, 1895)

*Pyrula* (*Melongena*) *Junghuni* Martin, 1895: 94, pl. 20, fig. 302.
*Melongena* (*Pugilina*) *Junghuhni* Martin var – Martin, 1916: 240.
*Melongena Junghuhni* Martin – Martin, 1919: 82.
*Melongena Junghuhni* – Martin, 1928: 122.
*Melongena junghuhni* Martin – van der Vlerk, 1931: 230.
*Volema* (*Volema*) *junghuhni* (Martin) – Beets, 1987a: 33.
*Volema* (*Volema*) *junghuhni* (Martin) – Skwarko & Sufiati, 1994: y14.

Syntypes of *Pyrula* (*Melongena*) *Junghuni* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Lanang, strat.: Miocene (RGM 9124: 1 specimen); loc.: near Cilintung (RGM 9117: 1 specimen); loc.: near Nyalindung (RGM 9116: 1 specimen, RGM 9118: 1 specimen, RGM 9120: 1 specimen).

Family Fasciolariidae
Subfamily Fasciolariinae
Genus *Clavilithes*
Subgenus *Clavilithes* (*Clavilithes*)
*Clavilithes* (*Clavilithes*) *fennemai* (Martin, 1906)

*Fusus* (*Clavella*) *Fennemai* Martin, 1906: 307, pl. 45, fig. 729.
*Clavilithes Fennemai* Martin – Martin, 1921: 454.
*Clavilithes Fennemai* – Martin, 1928: 122.
*Clavilithes fennemai* Martin – van der Vlerk, 1931: 228.
*Clavilithes* (*Clavilithes*) *fennemai* (Martin) – Beets, 1981: 21.
*Clavilithes* (*Clavilithes*) *fennemai* (Martin) – Beets, 1984: 60.
*Clavilithes* (*Clavilithes*) *fennemai* (Martin) – Beets, 1987a: 35.
*Clavilithes* (*Clavilithes*) *fennemai* (Martin) – Skwarko & Sufiati, 1994: p23.

Holotype of *Fusus* (*Clavella*) *Fennemai* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 9016).

*Clavilithes* (*Clavilithes*) *songoensis* Martin, 1914

*Clavilithes* (*s. str.*) *songoënsis* Martin, 1914: 137, pl. 3, fig. 77.
*Clavilithes songoënsis* Martin – van der Vlerk, 1931: 228.
*Clavilithes songoensis* Martin – Piccoli & Savazzi, 1983: 39.
*Clavilithes* (*Clavilithes*) *songoensis* Martin – Skwarko & Sufiati, 1994: p23.

Holotype of *Clavilithes* (*s. str.*) *songoënsis* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 9021).

*Clavilithes* (*Clavilithes*) *tjidamarensis* (Martin, 1879)

*Strombus* (*?*) *fusus* – Martin, 1879: 50.
*Fusus tjidamarensis* Martin, 1879: 58, pl. 10, fig. 7.
*Cyrtylus fusus* Martin – Martin, 1883: 215.
*Fusus tjidamarensis* Martin – Martin, 1884: 100.
*Fusus* (*Cyrtulus*) *tjidamarensis* Martin – Martin, 1884: 100.
*Fusus* (*Clavella*) *tjidamarensis* Martin – Martin, 1895: 86.
*Fusus tjidamarensis* Martin – van der Vlerk, 1931: 228.
*Clavilithes tjidamarensis* Martin – Pannekoek, 1936: 39.
*Clavilithes* (*Clavilithes*) *tjidamarensis* (Martin) – Shuto, 1969: 154.
*Clavilithes* (*Clavilithes*) *tjidamarensis* (Martin) – Shuto, 1978: 104.
*Clavilithes* (*Clavilithes*) *tjidamarensis* (Martin) – Skwarko & Sufiati, 1994: p23.

Holotype of *Fusus tjidamarensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 9005).

*Clavilithes* (*Clavilithes*) *verbeeki* (Martin, 1895)

*Fusus* (*Clavella*) *Verbeeki* Martin, 1895: 85, pl. 12, figs. 188-192; pl. 13, fig. 193-198.
*Fusus Verbeeki* Martin – Martin, 1907: 146.
*Fusus Verbeeki* Martin – Martin, 1911: 19.
*Fusus* (*Clavella*) *Verbeeki* Martin – Tesch, 1915: 52.
*Clavilithes Verbeeki* Martin – Martin, 1919: 80.
*Clavilithes Verbeeki* Martin – Martin, 1928: 10.
*Clavilithes Verbeeki* Martin – van Es, 1931: 51.
*Clavilithes verbeeki* Martin – van der Vlerk, 1931: 228.
*Clavilithes verbeeki* Martin – Haanstra & Spiker, 1932: 1314.
*Clavilithes Verbeeki* Martin – Martin, 1932: 149.
*Clavilithes Verbeeki* (Martin) – Oostingh, 1935: 88.
*Clavilithes verbeeki* (Martin) – Oostingh, 1939: 105.
*Clavilithes verbeeki* (Martin) – Beets, 1950: 334.
*Clavilithes* (*Clavilithes*) *verbeeki* (Martin) – Shuto, 1969: 155.
*Clavilithes verbeeki* Martin – Shuto, 1977: 139.
*Clavilithes* (*Clavilithes*) *verbeeki* (Martin) – Shuto, 1978: 104.
*Clavilithes* (*Clavilithes*) *verbeeki* (Martin) – Beets, 1987c: 112.
*Clavilithes* (*Clavilithes*) *verbeeki* (Martin) – Skwarko & Sufiati, 1994: p24.

Syntypes of *Fusus* (*Clavella*) *Verbeeki* Martin, 1895, collector unknown, loc.: Cikeusik, strat.: Pliocene (RGM 9000: 3 specimens); leg.: R.D.M. Verbeek (RGM 8992: 1 specimen, RGM 8999: 2 specimens); collector unknown, loc.: Ciodeng, strat.: Upper Miocene (RGM 8983: 4 specimens); leg.: R.D.M. Verbeek (RGM 8984: 4 specimens, RGM 8985: 4 specimens, RGM 8986: 1 specimen, RGM 8994: 6 specimens, RGM 8997: 6 specimens); loc.: Citangkil (RGM 8995: 1 specimen); loc.: Gunung Butak, strat.: Lower Miocene (RGM 8987: 1 specimen); loc.: Sonde, strat.: Pliocene (RGM 8998: 1 specimen).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

Subgenus *Clavilithes* (*Rhopalites*)
*Clavilithes* (*Rhopalites*) *tjaringinensis* (Martin, 1895)

*Fusus* (*Clavella*) *tjaringensis* Martin, 1895: 87, pl. 13, fig. 201.
*Clavilithes tjaringinensis* Martin – van der Vlerk, 1931: 228.
*Clavilithes tjaringinensis* (Martin) – Oostingh, 1939: 106.
*Clavilithes* (*Rhopalites*) *tjaringinensis* (Martin) – Skwarko & Sufiati, 1994: p25.

Syntypes of *Fusus* (*Clavella*) *tjaringensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 9018: 1 specimen, RGM 9019: 1 specimen).

Genus *Ollaphon*
*?Ollaphon gembacanus* ((Martin, 1884)

*Fusus gembacanus* Martin, 1884: 103, pl. 6, fig. 103.
*Fusus gembacanus* Martin – van der Vlerk, 1931: 228.
*Ollaphon? gembacanus* (Martin) – Skwarko & Sufiati, 1994: p35.

Holotype of *Fusus gembacanus* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 8976).

Subfamily Colubrariinae
Genus *Colubraria*
*Colubraria angsanana* (Martin, 1921)

*Eutritonium* (*Colubraria*) *angsananum* Martin, 1921: 467, pl. 59, fig. 54.
*Eutritonium angsananum* Martin – van der Vlerk, 1931: 238.
*Colubraria angsanana* Martin – Skwarko & Sufiati, 1994: m8.

Holotype of *Eutritonium* (*Colubraria*) *angsananum* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9804).

*Colubraria bataviana* (Martin, 1884)

*Tritonium batavianum* Martin, 1884: 134, pl. 7, fig. 135.
*Triton* (*Colubraria*) *batavianum* Martin – Tesch, 1915: 68.
*Eutritonium batavianum* – Martin, 1928: 124.
*Eutritonium batavianum* Martin – van der Vlerk, 1931: 239.
*Colubraria batavianum* (Martin) – Skwarko & Sufiati, 1994: m8.

Syntypes of *Tritonium batavianum* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 9772: 5 specimens).

Martin (1884) also described two specimens from the Batavia Borehole II, 130m (RGM 9773, 9774). Since he considered them a variety, they are no part of the type series (ICZN Art. 72b1).

*Colubraria losariensis* (Martin, 1899)

*Triton* (*Colubraria*) *losariensis* Martin, 1899: 140, pl. 22, fig. 321.
*Eutritonium losariense* Martin – van der Vlerk, 1931: 239.
*Colubraria losariensis* Martin – Skwarko & Sufiati, 1994: m9.

Holotype of *Triton* (*Colubraria*) *losariensis* Martin, 1899, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 9771).

*Colubraria tjilonganensis* (Martin, 1899)

*Triton* (*Colubraria*) *tjilonganensis* Martin, 1899: 139, pl. 22, fig. 319.
*Eutritonium tjilonganensis* Martin – Martin, 1919: 87.

*Eutritonium tjilonganense* Martin – Siemon, 1929: 32.
*Eutritonium tjilonganense* (Martin) – van Es, 1931: 57.
*Eutritonium tjilonganense* Martin – van der Vlerk, 1931: 239.
*Colubraria tjilonganense* (Martin) – Beets, 1984: 28.
*Colubraria tjilonganense* Martin – Skwarko & Sufiati, 1994: m9.

Syntypes of *Triton* (*Colubraria*) *tjilonganensis* Martin, 1899, collector unknown, loc.: Selacai, strat.: Upper Miocene (RGM 9769: 1 specimen); leg.: R.D.M. Verbeek (RGM 9770: 1 specimen).

Genus *Fusus*
*Fusus dyki* Martin, 1884

*Fusus Dyki* Martin, 1884: 84, pl. 6, fig. 102.
*Fusus dijki* [sic] Martin – van der Vlerk, 1931: 228.
*Fusus dyki* Martin – Skwarko & Sufiati, 1994: p29.

Holotype of *Fusus Dyki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 8975).

Genus *Metula*
*Antemetula boettgeri* Martin, 1906

*Metula Boettgeri* Martin, 1906: 310, pl. 21, fig. 317.
*?Metula Boettgeri* Martin – Zwierzycki, 1915: 127.
*Metula boettgeri* Martin – van der Vlerk, 1931: 231.
*Antemetula boettgeri* (Martin) – van Regteren Altena, 1949: 391.
*Antemetula boettgeri* (Martin) – van Regteren Altena, 1950: 232.
*Antemetula boettgeri* (Martin) – Skwarko & Sufiati, 1994: p1.

Lectotype of *Metula Boettgeri* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 9216). The lectotype was selected by van Regteren Altena (1949: 391).

Subfamily Fusininae
Genus *Fusinus*
*Fusinus angsananus* (Martin, 1921)

*Fusus angsananus* Martin, 1921: 454, pl. 53, fig. 28.
*Fusus angsanana* Martin – van der Vlerk, 1931: 228.
*Fusus angsananus* Martin – Skwarko & Sufiati, 1994: p29.

Holotype of *Fusus angsananus* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 8981).

*Fusinus menengtenganus* (Martin, 1895)

*Fusus* (*s. str.*) *menengtenganus* Martin, 1895: 84, pl. 12, fig. 187.
*Fusus menengtenganus* Martin – Martin, 1928: 10.
*Fusus menengtenganus* Martin – van der Vlerk, 1931: 228.
*Fusus* aff. *menengtenganus* Martin – Haanstra & Spiker, 1932: 1313.
*Fusinus* (*Fusinus*) *menengtenganus* (Martin). K – Oostingh, 1939: 106.
*Fusinus menengtenganus* (Martin) – Cox, 1948: 47, pl. 4, fig. 9a-b.
*Fusus* (*Fusinus*) *menengtenganus* (Martin) – Skwarko & Sufiati, 1994: p27.

Holotype of *Fusus* (*s. str.*) *menengtenganus* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 8974).

Skwarko & Sufiati (1994) incorrectly indicated P. J5633 (GRDC collection, Bandung) as the type.

*Fusinus nanggulanensis* (Martin, 1914)

*Fusus* (*s. str.*) *nanggulanensis* Martin, 1914: 136, pl. 3, figs. 75-76.
*Fusus nanggulanensis* Martin – van der Vlerk, 1931: 228.
*Fusinus nanngulanensis* (Martin) – Skwarko & Sufiati, 1994: p26.

Syntypes of *Fusus* (*s. str.*) *nanggulanensis* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 8977: 1 specimen); leg.: K. Martin, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 8980: 3 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 8979: 3 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 8978: 6 specimens, RGM 47220: 4 specimens).

The description was based on 21 specimens.

Subfamily Peristerniinae
Genus *Peristernia*
Subgenus *Peristernia* (*Peristernia*)
*Peristernia* (*Peristernia*) *beberiana* (Martin, 1921)

*Lathyrus* (*Peristernia*) *beberianus* Martin, 1921: 456, pl. 54, figs. 31-32.
*Lathyrus beberianus* Martin – van der Vlerk, 1931: 229.
*Peristernia beberianus* (Martin) – Beets, 1941: 102.
*Peristernia* (*Peristernia*) *beberiana* (Martin) – Beets, 1987a: 34.
*Peristernia* (*Peristernia*) *beberiana* (Martin) – Skwarko & Sufiati, 1994: p41.

Syntypes of *Lathyrus* (*Peristernia*) *beberianus* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana and Cibeber, strat.: Nyalindung Formation, Lower Miocene (RGM 9042: 2 specimens).

Subgenus *Peristernia* (*Ascolatirus*)
*Peristernia* (*Ascolatirus*) *angsanana* (Martin, 1921)

*Lathyrus* (*Ascolathyrus*) *angsananus* Martin, 1921: 456, pl. 54, fig. 30.
*Lathyrus angsananus* Martin – van der Vlerk, 1931: 229.
*Peristernia* (*Ascolatirus*) *angsananus* (Martin) – Skwarko & Sufiati, 1994: p40.

Holotype of *Lathyrus* (*Ascolathyrus*) *angsananus* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9041).

Subgenus unknown
*Peristernia acaulis* (Martin, 1895)

*Latirus* (*Peristernia*) *acaulis* Martin, 1895: 89, pl. 12, fig. 203.
*Lathyrus acaulis* Martin – van der Vlerk, 1931: 228.
*Peristernia acaulis* Martin – Skwarko & Sufiati, 1994: p36.

Holotype of *Latirus* (*Peristernia*) *acaulis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 9032).

*Peristernia bandongensis* (Martin, 1884)

*Latirus* (*Peristernia*) *bandongensis* Martin, 1884: 109, pl. 6, fig. 109.
*Lathyrus bandongensis* Martin – van der Vlerk, 1931: 229.
*Peristernia bandongensis* Martin – Skwarko & Sufiati, 1994: p36.

Holotype of *Latirus* (*Peristernia*) *bandongensis* Martin, 1884, leg.: R.D.M. Verbeek, loc.: Ci Lanang, strat.: Upper Miocene (RGM 9035).

*Peristernia jogjacartensis* (Martin, 1914)

*Lathyrus* (*Peristernia*) *jogjacartensis* Martin, 1914: 138, pl. 3, figs. 79-80.
*Lathyrus jogjacartensis* Martin – van der Vlerk, 1931: 229.
*Peristernia jogjacartensis* Martin – Skwarko & Sufiati, 1994: p37.

Syntypes of *Lathyrus* (*Peristernia*) *jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 9038: 2 specimens).

*Peristernia junghuhni* (Martin, 1879)

*Turbinella Junghuhni* Martin, 1879: 59, pl. 14, fig. 10.
*Latirus* (*Peristernia*) *Junghuhni* Martin – Martin, 1895: 88.
*Lathyrus junghuhni* Martin – van der Vlerk, 1931: 229.
*Peristernia junghuhni* (Martin) – Skwarko & Sufiati, 1994: p37.

Holotype of *Turbinella Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 9033).

*Peristernia losariensis* (Martin, 1895)

*Latirus* (*Peristernia*) *losariensis* Martin, 1895: 89, pl. 12, fig. 203bis.
*Latirus* (*Peristernia*) *losariensis* Martin – Zwierzycki, 1915: 105.
*Lathyrus losariensis* Martin – van der Vlerk, 1931: 229.
*Peristernia losariensis* Martin – Skwarko & Sufiati, 1994: p38.

Holotype of *Latirus* (*Peristernia*) *losariensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 9034).

*Peristernia merangianus* (Martin, 1921)

*Lathyrus* (*Peristernia*) *merangianus* Martin, 1921: 456, pl. 54, fig. 33.
*Lathyrus merangianus* Martin – van der Vlerk, 1931: 229.
*Peristernia merangianus* Martin – Skwarko & Sufiati, 1994: p38.

Holotype of *Lathyrus* (*Peristernia*) *merangianus* Martin, 1921, leg.: H. Martin-Icke, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 9043).

*Peristernia puruensis* (Martin, 1914)

*Lathyrus* (*Peristernia*) *puruensis* Martin, 1914: 137, pl. 3, fig. 78.
*Lathyrus puruensis* Martin – van der Vlerk, 1931: 229.
*Peristernia puruensis* Martin – Skwarko & Sufiati, 1994: p39.

Holotype of *Lathyrus* (*Peristernia*) *puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 9037).

*Peristernia woodwardiana* (Martin, 1884)

*Latirus* (*Peristernia*) *Woodwardianus* Martin, 1884: 108, pl. 6, fig. 108.
*Lathyrus woodwardinaus* Martin – van der Vlerk, 1931: 229.
*Peristernia woodwardianus* Martin – Skwarko & Sufiati, 1994: p40.

Holotype of *Latirus* (*Peristernia*) *Woodwardianus* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 9036).

Genus *Latirus*
Subgenus *Latirus* (*Latirus*)
*Latirus* (*Latirus*) *fasciolariaeformis* Martin, 1883

*Latirus fasciolariaeformis* Martin, 1883: 210, pl. 9, fig. 11.
*Latirus* (*s.str*) *fasciolariaeformis* Martin – Martin, 1895: 88.
*Latirus* (*s.str*) *fasciolariaeformis* Martin – Martin, 1916: 239.
*Lathyrus fasciolariaeformis* Martin – van der Vlerk, 1931: 229.
*Latirus* (*Latirus*) *fasciolariaeformis* Martin – Skwarko & Sufiati, 1994: p34.

Holotype of *Latirus fasciolariaeformis* Martin, 1883, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 9023).

*Latirus* (*Latirus*) *njalindungensis* Martin, 1921

*Lathyrus* (*s. str.*) *njalindungensis* Martin, 1921: 455, pl. 54, fig. 29.
*Latirus njalindungensis* – Martin, 1928: 122.
*Lathyrus njalindungensis* Martin – van der Vlerk, 1931: 229.
*Latirus* (*Latirus*) *njalindungensis* Martin – Skwarko & Sufiati, 1994: p35.

Syntypes of *Lathyrus* (*s. str.*) *njalindungensis* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 9039: 1 specimen, RGM 9040: 6 specimens, RGM 47046: 1 specimen).

*Latirus* (*Latirus*) *tjilonganensis* Martin, 1906

*Latirus* (*s. str.*) *tjilonganensis* Martin, 1906: 308, pl. 45, fig. 730.
*Lathyrus tjilonganensis* Martin – van der Vlerk, 1931: 229.
*Latirus tjilonganensis* (Martin) – Shuto, 1977: 138.
*Latirus* (*Latirus*) *tjilonganensis* Martin – Skwarko & Sufiati, 1994: p35.

Syntypes of *Latirus* (*s. str.*) *tjilonganensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 9026: 1 specimen); loc.: Yogyakarta (RGM 9027: 3 specimens).
The description was based on five specimens.

Subgenus unknown
*Latirus madiunensis* Martin, 1895

*Latirus* (*s. str.*) *madiunensis* Martin, 1895: 88, pl. 13, fig. 202.
*Latirus madiunensis* Martin – Tesch, 1915: 54.
*Lathyrus madiunensis* Martin – van der Vlerk, 1931: 229.
*Latirus madiunensis* Martin – MacNeil, 1960: 86.
*Latirus madiunensis* (Martin) – Skwarko & Sufiati, 1994: p31.

Holotype of *Latirus* (*s. str.*) *madiunensis* Martin, 1895, leg.: K. Martin, loc.: Sonde, strat.: Pliocene (RGM 9022).

*Latirus nangulananus* (Martin, 1884)

*Latirus nangulananus* Martin, 1884: 107, pl. 6, fig. 107.
*Latirus nangulananus* – Martin, 1911: 45.
*Lathyrus nangulananus* Martin – van der Vlerk, 1931: 229.
*Latirus nangulananus* Martin – Skwarko & Sufiati, 1994: p31.

Holotype of *Latirus nangulananus* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Cilanang Formation, Upper Miocene (RGM 9027).

Family Volutidae
Genus *Voluta*
*Voluta junghuhni* Martin, 1879

*Voluta Junghuhni* Martin, 1879: 25, pl. 5, fig. 5.
*Voluta pellis serpentis* Linnaeus – Martin, 1879: 27.
*Voluta junghuhni* Martin? – Martin, 1883: 228.
*Pyrula* (*Melongena*) *Junghuhni* Martin – Martin, 1895: 94.
*Voluta junghuhni* Martin – van der Vlerk, 1931: 224.
*Voluta junghuhni* Martin – Skwarko & Sufiati, 1994: q21.

Holotype of *Voluta Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn C, strat.: Miocene (RGM 8825).

Genus *Athleta*
*Athleta subambiguus* (d'Orbigny, 1850)

*Volutilithes* (*Volutocorbis*) *Ickei* Martin, 1914: 134, pl. 3, fig. 70.
*Volutilithes ickei* Martin – van der Vlerk, 1931: 225.
*Athleta subambiguus* (d'Orbigny) – Piccoli & Savazzi, 1983.
*Athleta subambiguus* (d'Orbigny) – Skwarko & Sufiati, 1994: q15.

Syntypes of *Volutilithes* (*Volutocorbis*) *Ickei* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 8837: 8 specimens); leg.: K. Martin, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 8844: 4 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 8835: 2 specimens, RGM 8838: 4 specimens, RGM 8839: 1 specimen, RGM 47246: 4 specimens); collector unknown, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 8840: 4 specimens); leg.: K. Martin (RGM 8841: 4 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 8845: 6 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 8833: fragment in matrix also containing *Hindsia nangulanensis* and *Natica trisulcata*, RGM 8836: 2 specimens, RGM 8842: 1 specimen, RGM 8846: 17 specimens); loc.: Watumurah, strat.: Nanggulan Formation, Middle Eocene (RGM 8843: 1 specimen).

Genus *Aulica*
Subgenus *Aulica* (*Aulica*)
*Aulica* (*Aulica*) *gedinganensis* (Martin, 1895)

*Voluta* (*Aulica*) *gedinganensis* Martin, 1895: 73, pl. 11, fig. 166.
*Voluta gedinganensis* Martin – van der Vlerk, 1931: 224.
*Aulica* (*Aulica*) *gedinganensis* Martin – Skwarko & Sufiati, 1994: q15.

Holotype of *Voluta* (*Aulica*) *gedinganensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 8819).

*Aulica* (*Aulica*) *multiplicata* (Pannekoek, 1936)

*Voluta* (*Aulica*) *multiplicata* Pannekoek, 1936: 31, pl. 1, fig. 8.
*Aulica* (*Aulica*) *multistriata* [sic] Pannekoek – Skwarko & Sufiati, 1994: q16.

Syntypes of *Voluta* (*Aulica*) *multiplicata* Pannekoek, 1936, collector unknown, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 8831: 2 specimens).

*Aulica* (*Aulica*) *scapha ponderosa* (Martin, 1895)

*Voluta* (*Aulica*) *scapha* var. *ponderosa* Martin, 1895: 72, pl. 10, figs. 164-165.
*Voluta* (*Aulica*) *scapha* Gmel. var. *ponderosa* Martin – Martin, 1911: 164.
*Volut* (*Aulica*) *scapha* Gmel. – Martin-Icke, 1911: 47.
*Voluta scapha* Gmel. var. *ponderosa* Martin – Martin, 1919: 79.
*Voluta scapha* Gmel. var. *ponderosa* Martin – Martin, 1926: 14.
*Voluta scapha* Gmel. var. *ponderosa* Martin – Siemon, 1929: 40.
*Voluta scapha* Gmel. prior *ponderosa* Martin – van der Vlerk, 1931: 225.
*Voluta* (*Aulica*) *scapha ponderosa* Martin – Oostingh, 1935: 94.
*Aulica scapha pondorosa* Martin – Shuto, 1977: 108.
*Aulica scapha pondorosa* Martin – Shuto, 1978: 135.
*Aulica* (*Aulica*) *scapha ponderosa* Martin – Skwarko & Sufiati, 1994: q17.

Syntypes of *Voluta* (*Aulica*) *scapha* var. *ponderosa* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 8807: 1 specimen, RGM 8810: 1 specimen, RGM 8813: 1 specimen, RGM 8814: 1 specimen, RGM 8815: 1 specimen, RGM 8817: 1 specimen).

Skwarko & Sufiati (1994) indicated the Menengteng Gorge as type locality. This is apparently incorrect, since Martin stated that the specimens from that locality cannot be distinguished from the extant representatives of the species (i.e. *Voluta scapha*).

*Aulica* (*Aulica*) *transverseplicata* (Pannekoek, 1936)

*Voluta* (*Aulica*) *transverseplicata* Pannekoek, 1936: 34, pl. 1, figs. 12-13.
*Aulica* (*Aulica*) *transverseplicata* Pannekoek – Skwarko & Sufiati, 1994: q17.

Syntypes of *Voluta* (*Aulica*) *transverseplicata* Pannekoek, 1936, collector unknown, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 8832: 3 specimens).

Genus *Lyria*
*Lyria ickei* Martin, 1906

*Lyria Ickei* Martin, 1906: 302, pl. 44, fig. 719.
*Lyria ickei* Martin – van der Vlerk, 1931: 224.
*Lyria ickei* Martin – Skwarko & Sufiati, 1994: q18.

Holotype of *Lyria Ickei* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 8858).

Family Harpidae
Subfamily Harpinae
Genus *Harpa*
Subgenus *Harpa* (*Eocithara*)
*Harpa* (*Eocithara*) *muticaeformis* Martin, 1916

*Harpa* (*Eocithara*) *muticaeformis* Martin, 1916: 231, pl. 1, fig. 15.
*Harpa muticaeformis* Martin – Martin, 1919: 78.
*Harpa muticaeformis* Martin – van der Vlerk, 1931: 223.
*Harpa* (*Eocithara*) *muticaeformis* Martin – Skwarko & Sufiati, 1994: r22.

Holotype of *Harpa* (*Eocithara*) *muticaeformis* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 8741).

Subfamily Moruminae
Genus *Morum*
Subgenus *Morum* (*Oniscidea*)
*Morum* (*Oniscidea*) *antiquissimum* (Martin, 1914)

*Oniscia* (*Oniscidea*) *antiquissima* Martin, 1914: 156, pl. 5, fig. 120.
*Oniscia antiquissima* Martin – van der Vlerk, 1931: 242.
*Morum* (*Oniscidea*) *antiquissima* Martin – Skwarko & Sufiati, 1994: k7.

Holotype of *Oniscia* (*Oniscidea*) *antiquissima* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 10003).

Family Vasidae
Subfamily Turbinellinae
Genus *Turbinella*
*Turbinella rembangensis* (Pannekoek, 1936)

*Xancus rembangensis* Pannekoek, 1936: 6, 39, pl. 2, figs. 18-19.
*Xancus rembangensis* Pannekoek – Beets, 1942: 236.
*Xancus rembangensis* Pannekoek – Skwarko & Sufiati, 1994: o36.

Syntypes of *Xancus rembangensis* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 8828: 2 specimens, RGM 8829: 3 specimens, RGM 8830: 2 specimens).

Family Olividae
Subfamily Olivinae
Genus *Oliva*
Subgenus *Oliva* (*Oliva*)
*Oliva* (*Oliva*) *ickei* Martin, 1906

*Oliva Ickei* Martin, 1906: 296, pl. 42, fig. 708.
*Oliva ickei* Martin – van der Vlerk, 1931: 222.
*Oliva* (*Oliva*) *ickei* Martin – Oostingh, 1938: 112.
*Oliva* (*Oliva*) *ickei* – van Regteren Altena & Beets, 1945: 45.
*Oliva* (*Oliva*) *ickei* Martin – Skwarko & Sufiati, 1994: r16.

Holotype of *Oliva Ickei* Martin, 1906, leg.: F. Junghuhn, loc.: Yogyakarta, strat.: Pliocene (RGM 7979).

Skwarko & Sufiati (1994) incorrectly indicated P. J5394 and J. 5395 (Bandung collection) as types. According to them, the type locality was not indicated. Martin (1906), however, clearly stated that the only specimen available came from the Gunung Butak region.

*Oliva* (*Oliva*) *tjaringinensis* Martin, 1895

*Oliva tjaringinensis* Martin, 1895: 56, pl. 8, fig. 128.
*Oliva tjaringinensis* Martin – van der Vlerk, 1931: 223.
*Oliva* (*Oliva*) *tjaringinensis* Martin – Oostingh, 1935: 112.
*Oliva* (*Oliva*) *tjaringinensis* Martin – van Regteren Altena & Beets, 1945: 45.
*Oliva* (*Oliva*) *tjaringinensis* Martin – Premonowati, 1990: 37.
*Oliva* (*Oliva*) *tjaringinensis* Martin – Skwarko & Sufiati, 1994: r17.

Holotype of *Oliva tjaringinensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Sonde Member, Pliocene (RGM 7990).

Skwarko & Sufiati (1994) incorrectly indicated P. J5403 and J5404 (GRDC Collection, Bandung) as types.

Subgenus *Oliva* (*Anazola*)
*Oliva* (*Anazola*) *djocdjocartae* Martin, 1885

*Oliva Djocdjocartae* Martin, 1885: 77, pl. 5, fig. 80.
*Oliva* (*Strephona*) *rufula* Duclos var. *djocdjocartae* Martin – Martin, 1895: 58.
*Oliva rufula* Duclos prior *djocdjocartae* Martin – Tesch, 1915: 162.
*Oliva rufula* Duclos prior *djocdjocartae* Martin – van der Vlerk, 1931: 223.
*Oliva rufula* Ducl. prior *djocdjocartae* Martin – Haanstra & Spiker, 1932: 1313.
*Oliva* (*Anazola*) *djocdjocartae* – Shuto, 1969: 155.
*Oliva* (*Strephona*) *djocdjocartae* Martin – Beets, 1983a: 11.
*Oliva* (*Strephona*) *rufula djocdjocartae* Martin – Beets, 1983c: 53.
*Oliva* (*Strephona*) *rufula djocdjocartae* Martin – Beets, 1987a: 36.
*Oliva* (*Anazola*) *djocdjocartae* Martin – Skwarko & Sufiati, 1994: r13.

Syntypes of *Oliva Djocdjocartae* Martin, 1885, leg.: P. van Dijk, loc.: Selacai and Cidamar, strat.: Upper Miocene (RGM 8011: 7 specimens); loc.: Yogyakarta (RGM 7979: 1 specimen).

*Oliva* (*Anazola*) *gibbosa jenkinsi* Martin, 1879

*Oliva utriculus* Gmel. – Jenkins, 1863: 54.
*Oliva utriculus* Gmel. – Martin, 1879: 17.
*Oliva Jenkinsi* Martin, 1879: 18, pl. 3, fig. 6.
*Oliva utriculus* Gmel. – Martin, 1884: 77.
*Oliva* (*Olivancillaria*) *gibbosa* Born. var. *Jenkinsi* Martin – Martin, 1895: 65.
*Oliva gibbosa* var. *Jenkinsi* Martin – Martin, 1919: 77.
*Olivancillaria gibbosa* Born. prior *jenkinsi* Martin – van der Vlerk, 1931: 223.
*Oliva* (*Anazola*) *gibbosa jenkinsi* Martin – Oostingh, 1935: 103.
*Olivancillaria gibbosa* Born – Shuto, 1978: 108.
*Oliva* (*Anazola*) *gibbosa jenkinsi* Martin – Beets, 1987a: 36.
*Oliva* (*Anazola*) *gibbosa jenkinsi* Martin – Premonowati, 1990: 37.
*Oliva* (*Anazola*) *gibbosa jenkinsi* Martin – Skwarko & Sufiati, 1994: r13.

Syntypes of *Oliva Jenkinsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 8645: 3 specimens, RGM 8650: 8 specimens, RGM 8658: 7 specimens).

The description was based on about 40 specimens from Junghuhn locality O. RGM 8650 was illustrated by Martin (1879: pl. 3, fig. 4) under the name *Oliva gibbosa* Born.

Skwarko & Sufiati indicated P. J3132, J3137, J3128 (Bandung collection) as types. This is incorrect. It is also very unlikely that type specimens are in the IVA-UU collections (Utrecht), as indicated by Skwarko & Sufiati.

*Oliva* (*Anazola*) *rufula junghuhni* Martin, 1879

*Oliva Junghuhni* Martin, 1879: 16, pl. 3, fig. 3*.
*Oliva* (*Strephona*) *rufula* Duclos var. *Junghuhni* Martin – Martin, 1895: 58.
*Oliva* (*Strephona*) *rufula* Duclos – Martin-Icke, 1911: 46.
*Oliva rufula* Duclos prior *junghuhni* Martin – van der Vlerk, 1931: 223.
*Oliva* (*Anazola*) *rufula junghuhni* Martin – Shuto, 1969: 157.
*Oliva* (*Anazola*) *rufula junghuhni* Martin – Skwarko & Sufiati, 1994: r14.

Syntypes of *Oliva Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 8016: 1 specimen); loc.: Junghuhn R (RGM 8015: 2 specimens).

Skwarko & Sufiati (1994) listed this subspecies under the subgenus *Anazola*. The nominate *rufula*, however, was listed under the subgenus *Strephona* (l.c.: r18).

### *Oliva* (*Anazola*) *subulata odengensis* Martin, 1895

*Oliva* (*Olivancillaria*) var. *odengensis* Martin, 1895: 62, pl. 9, fig. 143.
*Olivancillaria subulata* Lamk. prior *odengensis* Martin – van der Vlerk, 1931: 223.
*Oliva* (*Anazola*) *subulata odentensis* Martin. – Skwarko & Sufiati, 1994: r14.

Syntypes of *Oliva* (*Olivancillaria*) var. *odengensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Upper Miocene (RGM 8071: 1 specimen, RGM 8079: 4 specimens).

The description of this variety was based on six specimens.

### Subgenus *Oliva* (*Galeolo*)
### *Oliva* (*Galeolo*) *mitrata* Martin, 1879

*Oliva mitrata* Martin, 1879: 16, pl. 3, fig. 9.
*Oliva mitrata* Martin – Martin, 1884: 78.
*Oliva* (*Cylindrus*) *mitrata* Martin – Martin, 1895: 60.
*Oliva* (*Neocylindrus*) *mitrata* Martin – Martin, 1921: 453.
*Oliva mitrata* Martin – van der Vlerk, 1931: 223.
*Oliva* (*Galeola*) *mitrata* Martin – Oostingh, 1938: 113.
*Oliva* (*Galeola*) *mitrata* Beets 1941 – Skwarko & Sufiati, 1994: r15 (sic).

Syntypes of *Oliva mitrata* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 8039: 2 specimens); loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 8031: 7 specimens, RGM 8031: 6 specimens).

The description was based on 22 specimens from Junghuhn's locality O, 3 from locality K and 3 from locality R.

Skwarko & Sufiati (1994) indicated P. J5407 (Bandung collection) as type, which is incorrect.

### Subgenus *Oliva* (*Neocylindricus*)
### *Oliva* (*Neocylindricus*) *martini* Pannekoek, 1936

*Oliva* (*Neocylindricus*) *martini* Pannekoek, 1936: 26, pl. 1, fig. 8.
*Oliva* (*Neocylindricus*) *martini*. Pannekoek – Skwarko & Sufiati, 1994: r16.

Syntypes of *Oliva* (*Neocylindricus*) *martini* Pannekoek, 1936, leg.: H. Martin-Icke, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 8053: 1 specimen); leg.: Gonggrijp XI, loc.: Panowan River, Rembang (RGM 8054: 7 specimens); leg.: Gonggrijp XVII (RGM 8055: 5 specimens).

### Subgenus unknown
### *Oliva sondeiana* Martin, 1895

*Oliva sondeiana* Martin, 1895: 54, pl. 8, figs. 122-123.
*Oliva sondeiana* Martin – Martin-Icke, 1911: 49.
*Oliva sondeiana* Martin – van der Vlerk, 1931: 223.
*Oliva sondeiana* Martin – Shuto, 1969: 156.
*Oliva sondeiana* Martin – Skwarko & Sufiati, 1994: r11.

Syntypes of *Oliva sondeiana* Martin, 1895, collector unknown, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 7984: 2 specimens); leg.: R.D.M. Verbeek (RGM 7983: 5 specimens, RGM 7985: 21 specimens).

The description was based on 66 specimens.

### *Oliva tjidamarensis* Martin, 1879

*Oliva tjidamarensis* Martin, 1879: 18, pl. 3, fig. 7.
*Oliva tjidamarensis* Martin – van der Vlerk, 1931: 223.
*Oliva tjidamarensis* Martin – Skwarko & Sufiati, 1994: r11.

Holotype of *Oliva tjidamarensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 8018).

### *Oliva tricincta* Martin, 1895

*Oliva tricincta* Martin, 1895: 55, pl. 8, figs. 124-127.
*Oliva tricincta* Martin – Martin-Icke, 1911: 49.
*Oliva tricincta* Martin – van der Vlerk, 1931: 223.
*Oliva tricincta* Martin – Skwarko & Sufiati, 1994: r11.

Syntypes of *Oliva tricincta* Martin, 1895, collector unknown, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 7989: 1 specimen); leg.: R.D.M. Verbeek (RGM 7986: 3 specimens, RGM 7987: 6 specimens, RGM 7988: 3 specimens).

The description was based on 18 specimens.

### Genus *Olivancillaria*
### *Olivancillaria cheribonensis* (Martin, 1895)

*Oliva* (*Olivancillaria*) *cheribonensis* Martin, 1895: 64, pl. 9, figs. 146-149.
*Oliva* (*Olivancillaria*) *cheribonensis* Martin – Martin, 1912: 163.
*Olivancillaria cheribonensis* Martin – Martin, 1926: 14.
*Olivancillaria cheribonensis* Martin – van der Vlerk, 1931: 223.
*Olivancillaria cheribonensis* Martin – Shuto, 1977: 135.
*Olivancillaria cheribonensis* Martin – Shuto, 1978: 108.
*Olivancillaria cheribonensis* Martin – Skwarko & Sufiati, 1994: r19.

Syntypes of *Oliva* (*Olivancillaria*) *cheribonensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 8640: 4 specimens, RGM 8644: 5 specimens).

The description was based on 12 specimens.

### *Olivancillaria pamotanensis* (Martin, 1906)

*Oliva* (*Olivancillaria*) *pamotanensis* Martin, 1906: 297, pl. 43, fig. 709.
*Olivancillaria pamotanensis* Martin – van der Vlerk, 1931: 223.
*Olivancillaria pamotanensis* Martin – Skwarko & Sufiati, 1994: r19.

Holotype of *Oliva* (*Olivancillaria*) *pamotanensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Pamotan, strat.: Rembang Formation, Lower Miocene (RGM 8086).

### *Olivancillaria rembangensis* (Martin, 1906)

*Oliva* (*Olivancillaria*) *rembangensis* Martin, 1906: 297, pl. 43, fig. 710.
*Olivancillaria rembangensis* Martin – van der Vlerk, 1931: 223.
*Olivancillaria rembangensis* Martin – Skwarko & Sufiati, 1994: r20.

Holotype of *Oliva* (*Olivancillaria*) *rembangensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Pamotan, strat.: Rembang Formation, Lower Miocene (RGM 8087).

Subfamily Ancillinae
Genus *Ancilla*
Subgenus *Ancilla* (*Ancilla*)
*Ancilla* (*Ancilla*) *everwijni* (Martin, 1885)

*Ancillaria Everwijni* Martin, 1885: 84, pl. 5, fig. 85.
*Ancilla everwijni* Martin – van der Vlerk, 1931: 221.
*Ancilla* (*Ancilla*) *everwijni* (Martin) – Skwarko & Sufiati, 1994: r4.

Holotype of *Ancillaria Everwijni* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Lower Miocene (RGM 8681).

Apart from the type, Martin tentatively included a specimen from the Ngembak borehole in this species. This specimen is also in the Martin collection (RGM 8682).

*Ancilla* (*Ancilla*) *ickei* Martin, 1914

*Ancilla Ickei* Martin, 1914: 131, pl. 2, fig. 64.
*Ancilla ickei* Martin – van der Vlerk, 1931: 221.
*Ancilla ickei* Martin – Piccoli & Savazzi, 1983: 39.
*Ancilla* (*Ancilla*) *ickei* Martin – Skwarko & Sufiati, 1994: r4.

Syntypes of *Ancilla Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 8724: 1 specimen, RGM 47163: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 8725: 1 specimen).

*Ancilla* (*Ancilla*) *javana* (Martin, 1879)

*Ancillaria javana* Martin, 1879: 20, pl. 3, fig. 13.
*Ancillaria javana* Martin – Martin, 1906: 299.
*Ancilla javana* Martin – van der Vlerk, 1931: 221.
*Ancilla* (*Ancilla*) *javana* (Martin) – Skwarko & Sufiati, 1994: r4.

Holotype of *Ancillaria javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 8680).

*Ancilla* (*Ancilla*) *junghuhni* (Martin, 1879)

*Ancillaria Junghuhni* Martin, 1879: 20, pl. 3, fig. 12.
*Ancillaria Junghuhni* Martin var – Martin, 1884: 80.
*Ancillaria Junghuhni* Martin – Martin, 1895: 66.
*Ancilla junghuhni* Martin – Martin, 1911: 45.
*Ancillaria junghuhni* Martin – Martin-Icke, 1911: 46.
*Ancilla junghuhni* Martin – van der Vlerk, 1931: 222.
*Ancilla* (*Ancilla*) *junghuhni* (Martin) – Skwarko & Sufiati, 1994: r4.

Holotype of *Ancillaria Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 8672).

*Ancilla* (*Ancilla*) *nonna* Martin, 1914

*Ancilla* (*s. str.*) *nonna* Martin, 1914: 130, pl. 2, fig. 62.
*Ancilla nonna* Martin – van der Vlerk, 1931: 222.
*Ancilla nonna* Martin – Piccoli & Savazzi, 1983: 39.
*Ancilla* (*Ancilla*) *nonna* Martin – Skwarko & Sufiati, 1994: r5.

Syntypes of *Ancilla* (*s. str.*) *nonna* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 8720: 4 specimens, RGM 8721: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 8719: 1 specimen).

*Ancilla* (*Ancilla*) *nuda* (Martin, 1885)

*Ancillaria nuda* Martin, 1885: 83, pl. 5, fig. 84.
*Ancilla nuda* Martin – van der Vlerk, 1931: 222.
*Ancilla* (*Ancilla*) *nuda* (Martin) – Skwarko & Sufiati, 1994: r5.

Holotype of *Ancillaria nuda* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Lower Miocene (RGM 8703).

*Ancilla* (*Ancilla*) *parvula* (Martin, 1885)

*Ancillaria parvula* Martin, 1885: 84, pl. 5, fig. 86.
*Ancillaria parvula* Martin – Tesch, 1915: 43.
*Ancilla parvula* Martin – van der Vlerk, 1931: 222.
*Ancilla* (*Ancilla*) *parvula* (Martin) – Skwarko & Sufiati, 1994: r6.

Holotype of *Ancillaria parvula* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 8704).

*Ancilla* (*Ancilla*) *songoensis* Martin, 1914

*Ancilla* (*s. str.*) *songoënsis* Martin, 1914: 129, pl. 2, fig. 60.
*Ancilla songoënsis* Martin – van der Vlerk, 1931: 222.
*Ancilla songoensis* Martin – Piccoli & Savazzi, 1983: 39.
*Ancilla* (*Ancilla*) *songoensis* Martin – Skwarko & Sufiati, 1994: r6.

Syntypes of *Ancilla* (*s. str.*) *songoënsis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 8718: 1 specimen); strat.: Nanggulan Formation, N1, Middle Eocene (RGM 8714: 8 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 8715: 2 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 8717: 1 specimen); collector unknown, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 8713: 18 specimens); leg.: K. Martin (RGM 8716: 37 specimens, RGM 47157: 10 specimens).

The description was based on 87 specimens.

Subgenus *Ancilla* (*Aulicina*)
*Ancilla* (*Aulicina*) *tjilonganensis* (Martin, 1906)

*Voluta* (*Vespertilio*) *tjilonganensis* Martin, 1906: 302, pl. 44, fig. 718.
*Voluta tjilonganensis* Martin – Martin, 1914: 330.
*Voluta tjilonganensis* Martin – van der Vlerk, 1931: 225.
*Voluta* aff. *tjilonganensis* Martin – Haanstra & Spiker, 1932: 1313.
*Voluta* cf. *tjilonganensis* Martin – Beets, 1941: 192.
*Ancilla* (*Aulicina*) *tjilonganensis* (Martin) – Skwarko & Sufiati, 1994: r7.

Holotype of *Voluta* (*Vespertilio*) *tjilonganensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 8824).

Subgenus *Ancilla* (*Sparella*)
*Ancilla* (*Sparella*) *cinnamomea* (Lamarck, 1810)

*Ancillaria bandongensis* Martin, 1879: 19, pl. 3, fig. 11.
*Ancillaria bandongensis* Martin – Martin, 1884: 82.
*Ancillarria cinnamomea* Lam – Martin, 1895: 69, pl. 9, fig. 154-155.
*Ancilla* (*Sparella*) *cinnamomea* (Lamarck) – Skwarko & Sufiati, 1994: r7.

Syntypes of *Ancillaria bandongensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 8683: 12 specimens).

*Ancilla* (*Sparella*) *rembangensis* (Martin, 1906)

*Ancillaria rembangensis* Martin, 1906: 298, pl. 43, fig. 711.
*Ancilla rembangensis* Martin – Martin, 1907: 146.
*Ancilla rembangensis* Martin – Martin, 1912: 159.
*Ancilla rembangensis* Martin – Martin, 1919: 77.
*Ancilla rembangensis* Martin – van der Vlerk, 1931: 222.
*Ancilla rembangensis* Martin – Haanstra & Spiker, 1932: 1096.
*Ancilla* (*Sparella*) *rembangensis* Martin – Pannekoek, 1936: 5.
*Ancilla rembangensis* Martin – Shuto, 1977: 134.
*Ancilla* (*Amalda*) *rembangensis* Martin – Shuto, 1977: 138.
*Ancilla* (*Sparella*) *rembangensis* (Martin) – Skwarko & Sufiati, 1994: r8.

Syntypes of *Ancillaria rembangensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: ? Sedan, strat.: Lower Miocene (RGM 8674: 8 specimens); loc.: Gunung Butak (RGM 8673: 1 specimen).

The description was based on seven specimens from the Gunung Butak region and twelve from Sedan. The original label of RGM 8674 does not indicate a locality. Since this sample arrived in the NNM together with RGM 8673 (the illustrated specimen), and since it contains eight specimens, it may well be the Sedan sample.

Subgenus *Ancilla* (*Tortoliva*)
*Ancilla* (*Tortoliva*) *boettgeri* Martin, 1914

*Ancilla* (*Tortoliva*) *Boettgeri* Martin, 1914: 133, pl. 2, fig. 67.
*Ancilla boettgeri* Martin – van der Vlerk, 1931: 221.
*Ancilla* (*Tortoliva*) *boettgeri* Martin – Skwarko & Sufiati, 1994: r8.

Syntypes of *Ancilla* (*Tortoliva*) *Boettgeri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 8732: 4 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 8729: 1 specimen, RGM 297692: 1 specimen); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 8730: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 47168: 5 specimens); loc.: Watumurah, strat.: Nanggulan Formation, Middle Eocene (RGM 8731: 1 specimen).

The description was based on 15 specimens.

*Ancilla* (*Tortoliva*) *jogjocartensis* Martin, 1914

*Ancilla* (*Tortoliva*) *jogjacartensis* Martin, 1914: 132, pl. 2, fig. 66.
*Ancilla jogjacartensis* Martin – van der Vlerk, 1931: 222.
*Ancilla* (*Tortoliva*) *jogjocartensis* Martin – Skwarko & Sufiati, 1994: r8.

Syntypes of *Ancilla* (*Tortoliva*) *jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 47214: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 8727: 1 specimen, RGM 8728: 1 specimen).

*Ancilla* (*Tortoliva*) *puruensis* Martin, 1914

*Ancilla* (*Tortoliva*) *puruensis* Martin, 1914: 132, pl. 2, fig. 65.
*Ancilla puruensis* Martin – van der Vlerk, 1931: 222.
*Ancilla* (*Tortoliva*) *puruensis* Martin – Skwarko & Sufiati, 1994: r9.

Holotype of *Ancilla* (*Tortoliva*) *puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 8726).

Subgenus unknown
*Ancilla rasa* Martin, 1914

*Ancilla rasa* Martin, 1914: 130, pl. 2, fig. 63.
*Ancilla rasa* Martin – van der Vlerk, 1931: 222.
*Ancilla rasa* Martin – Piccoli & Savazzi, 1983: 39.
*Ancilla rasa* Martin – Skwarko & Sufiati, 1994: r2.

Syntypes of *Ancilla rasa* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 8722: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 8723: 2 specimens, RGM 47232: 1 specimen).

Subfamily Olivellinae
Genus *Olivella*
*Olivella dijki* (Martin, 1885)

*Oliva Dijki* Martin, 1885: 80, pl. 5, fig. 82.
*Olivella dijki* Martin – van der Vlerk, 1931: 223.
*Olivella dijki* (Martin) – Skwarko & Sufiati, 1994: r20.

Syntypes of *Oliva Dijki* Martin, 1885, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 8662: 3 specimens).

*Olivella javana* (Martin, 1879)

*Oliva javana* Martin, 1879: 19, pl. 3, fig. 8.
*Olivella javana* Martin – van der Vlerk, 1931: 223.
*Olivella javana* Martin – Shuto, 1969: 159.
*Olivella javana* (Martin) – Skwarko & Sufiati, 1994: r21.

Syntypes of *Oliva javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 8663: 9 specimens).

Apart from the nine specimens from Junghuhn's locality K, Martin also had two specimens from locality R and two from locality O at his disposal. These specimens could not be located in the NNM.

Family Marginellidae
Subfamily Marginellinae
Genus *Persicula*
*Persicula reussi* (Martin, 1879)

*Marginella Reussi* Martin, 1879: 25, pl. 3, fig. 3.
*Persicula reussi* Martin – van der Vlerk, 1931: 224.
*Persicula reussi* (Martin) – Skwarko & Sufiati, 1994: s10.

Syntype of *Marginella Reussi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 8805: 1 specimen).

The description was based on two specimens.

Genus *Marginella*
Subgenus *Marginella* (*Marginella*)
*Marginella* (*Marginella*) *angsanana* Martin, 1921

*Marginella* (*s. str.*) *angsanana* Martin, 1921: 452, pl. 58, fig. 19.
*Marginella angsanana* Martin – van der Vlerk, 1931: 224.
*Marginella* (*Marginella*) *angsanana* Martin – Skwarko & Sufiati, 1994: s8.

Syntypes of *Marginella* (*s. str.*) *angsanana* Martin, 1921, collector unknown, loc.: Ciangsana, strat.: Nyalindung

Formation, Lower Miocene (RGM 8803: 5 specimens, RGM 8804: 8 specimens); leg.: H. Martin-Icke, loc.: between Ciangsana and Cimerang (RGM 8801: 1 specimen, RGM 8802: 4 specimens, RGM 47120: 3 specimens).

The description was based on 27 specimens.

*Marginella* (*Marginella*) *berberkiriana* Martin, 1906

*Marginella* (*s. str.*) *berberkiriana* Martin, 1906: 300, pl. 43, fig. 714.
*Marginella berberkiriana* Martin – van der Vlerk, 1931: 224.
*Marginella* (*Marginella*) *berberkiriana* Martin – Skwarko & Sufiati, 1994: s8.

Holotype of *Marginella* (*s. str.*) *berberkiriana* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Ci Beber, strat.: Lower Miocene (RGM 8781).

*Marginella* (*Marginella*) *ickei* Martin, 1916

*Marginella* (*s. str.*) *Ickei* Martin, 1916: 232, pl. 1, figs. 16-17.
*Marginella ickei* Martin – van der Vlerk, 1931: 224.
*Marginella* (*Marginella*) *ickei* Martin – Skwarko & Sufiati, 1994: s8.

Syntypes of *Marginella* (*s. str.*) *Ickei* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 8779: 2 specimens).

*Marginella* (*Marginella*) *rembangensis* Martin, 1906

*Marginella* (*s. str.*) *rembangensis* Martin, 1906: 299, pl. 43, fig. 713.
*Marginella rembangensis* Martin – van der Vlerk, 1931: 224.
*Marginella* (*Marginella*) *rembangensis* Martin – Skwarko & Sufiati, 1994: s8.

Holotype of *Marginella* (*s. str.*) *rembangensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 8746).

Martin (1906) tentatively assigned a specimen from Sedan to this species. This specimen is also in the Martin collection (RGM 8747).

Subgenus *Centrospira*

*Marginella* (*Centrospira*) *ventricosa minor* Martin, 1895

*Marginella quinqueplicata* Lamarck juv – Martin, 1879: 24.
*Marginella quinqueplicata* Lamarck – Martin, 1884: 94.
*Marginella* (*Cryptospira*) *quinqueplicata* var. *minor* Martin, 1895: 70, pl. 10, fig. 156-158.
*Marginella quinqueplicata* Lamarck var – Martin, 1907: 146.
*Marginella* (*Cryptospira*) *quinqueplicata* Lamarck var. *minor* Martin – Martin-Icke, 1911: 47.
*Marginella quinquieplicata* Lamarck var – Martin, 1912: 159.
*Marginella quinquieplicata* Lamarck var. *minor* Martin – Martin, 1914: 330.
*Marginella quinquieplicata* Lamarck var. *minor* Martin – Martin, 1919: 78.
*Marginella quinquieplicata* Lamarck var. *minor* Martin – Martin, 1926: 13.
*Marginella quinquieplicata* Lamarck (prior) – Martin, 1928: 113.
*Marginella quinquieplicata* Lamarck prior *minor* Martin – van der Vlerk, 1931: 224.
*Marginella quinquieplicata* Lamarck prior *minor* Martin – Haanstra & Spiker, 1932: 1097.
*Marginella quinquieplicata* Lamarck prior *minor* Martin – Martin, 1932: 115.
*Marginella* (*Cryptospira*) *ventricosa minor* Martin – Oostingh, 1935: 96.
*Marginella* (*Cryptospira*) *ventricosa minor* Martin – Skwarko & Sufiati, 1994: s5.

Syntypes of *Marginella* (*Cryptospira*) *quinqueplicata* var. *minor* Martin, 1895, collector unknown, unknown locality, strat.: Neogene (RGM 8768: 20 specimens); leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 8770: 1 specimen); loc.: Cikeusik (RGM 8758: 10 specimens); loc.: Gunung Butak, strat.: Lower Miocene (RGM 8760: 13 specimens); leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 8774: 1 specimen); leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 8772: 3 specimens); leg.: P. van Dijk, loc.: Ngembak, strat.: Lower Miocene (RGM 8775: 1 specimen); leg.: R.D.M. Verbeek, loc.: Pangkah, strat.: Pliocene (RGM 8773: 3 specimens); collector unknown, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 8765: 2 specimens); leg.: R.D.M. Verbeek (RGM 8761: 5 specimens); loc.: Sonde, strat.: Sonde Member, Lower Miocene (RGM 8771: 1 specimen); strat.: Sonde Member, Pliocene (RGM 8751: 3 specimens, RGM 8752: 5 specimens, RGM 8756: 1 specimen); loc.: Sudimanik, strat.: Neogene (RGM 8755: 1 specimen); loc.: Tambak Batu, strat.: Upper Miocene (RGM 8778: 5 specimens).

Sample RGM 8768 contains material from different localities (Sedan, Rembang Distr.; Menengteng Gorge; Sonde; Cikeusik). Specimen illustrated in Martin (1879: pl. 5, fig. 2). Martin (1879) based his description on a large number of specimens from various localities. The type series contains specimens belonging to different species. Part of the material has been identified on labels in the collection as *M. tricincta* Hinds, *M. sangirensis* Martin, *M. tegalensis* Oostingh and *M.* aff. *elegans* Gmelin.

Skwarko & Sufiati (1994) indicated Junghuhn locality O as type locality. However, the specimen from this locality (RGM 8774) has been identified as *M.* aff. *elegans*. The identification of specimens from the type-series is in need of clarification.

Subgenus *Marginella* (*Cryptospira*)

*Marginella* (*Cryptospira*) *dactylus* Lamarck, 1822

*Marginella velata* Martin, 1884: 94, pl. 5, fig. 95.
*Marginella* (*Cryptospira*) *dactylus* Lamarck – Skwarko & Sufiati, 1994: s3.

Syntypes of *Marginella velata* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole I, 92 m, strat.: Pliocene (RGM 8795: 1 specimen); loc.: Batavia Borehole III, 81 m (RGM 8796: 1 specimen, RGM 8797: 1 specimen); loc.: Tambak Batu, strat.: Upper Miocene (RGM 8799: 1 specimen, RGM 8800: 1 specimen).

*Marginella* (*Cryptospira*) *nanggulanensis* Martin, 1916

*Marginella* (*C.*) *nanggulanensis* Martin, 1916: 232, pl. 1, fig. 18.
*Marginella nanggulanensis* Martin – van der Vlerk, 1931: 224.
*Marginella* (*Cryptospira*) *nanggulanensis* Martin – Skwarko & Sufiati, 1994: s5.

Syntypes of *Marginella* (*Criptospira*) *nanggulanensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene

(RGM 8783: 1 specimen); loc.: Kembangsokah (RGM 8782: 1 specimen).

*Marginella* (*Cryptospira*) *pamotanensis* Martin, 1906

*Marginella* (*Cryptospira*) *pamotanensis* Martin, 1906: 300, pl. 43, fig. 715.
*Marginella pamotanensis* Martin – van der Vlerk, 1931: 224.
*Marginella* (*Cryptospira*) *pamotanensis* Martin – Skwarko & Sufiati, 1994: s5.

Holotype of *Marginella* (*Cryptospira*) *pamotanensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Lower Miocene (RGM 8784).

*Marginella* (*Cryptospira*) *ventricosa sangiranensis* Martin, 1906

*Marginella* (*Cryptospira*) *quinqueplicata* Lamarck var. *minor* Martin (pars) – Martin, 1895: 70.
*Marginella* (*C.*) *sangiranensis* Martin, 1906: 301, pl. 43, fig. 716.
*Marginella sangiranensis* Martin – van der Vlerk, 1931: 224.
*Marginella* (*Cryptospira*) *ventricosa sangiranensis* Martin – Oostingh, 1938: 123.
*Marginella* (*Cryptospira*) *ventricosa sangiranensis* Martin – Skwarko & Sufiati, 1994: s6.

Syntypes of *Marginella* (*Criptospira*) *sangiranensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Kali Cemoro, strat.: Pliocene (RGM 8785: 1 specimen, RGM 8786: 2 specimens).

Skwarko & Sufiati (1994) incorrectly indicated P. J5484, J5494 and J5495 (Bandung collection) as types.

Subgenus unknown
*Marginella dijki* Martin, 1885

*Marginella Dijki* Martin, 1885: 96, pl. 5, fig. 98.
*Marginella dijki* Martin – van der Vlerk, 1931: 224.
*Marginella dijki* Martin – Skwarko & Sufiati, 1994: s1.

Holotype of *Marginella Dijki* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 8788).

*Marginella grissensis* Martin, 1884

*Marginella grissensis* Martin, 1884: 95, pl. 5, fig. 97.
*Marginella grissensis* Martin – van der Vlerk, 1931: 224.
*Marginella grissensis* Martin – Skwarko & Sufiati, 1994: s2.

Holotype of *Marginella grissensis* Martin, 1884, leg.: P. van Dijk, loc.: Gresik Borehole, 720 m, strat.: Lower Miocene (RGM 8745).

Skwarko & Sufiati incorrectly indicated Ngembak Borehole B, 104-112m as type locality.

*Marginella simplicissima* Martin, 1879

*Marginella simplicissima* Martin, 1879: 24, pl. 5, fig. 3.
*Marginella simplicissima* Martin – van der Vlerk, 1931: 224.
*Marginella simplicissima* Martin – Skwarko & Sufiati, 1994: s2.

Holotype of *Marginella simplicissima* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 8744).

*Marginella tambacana* Martin, 1884

*Marginella tambacana* Martin, 1884: 95, pl. 5, fig. 96.
*Marginella tambacana* Martin – van der Vlerk, 1931: 224.
*Marginella tambacana* Martin – Skwarko & Sufiati, 1994: s2.

Syntypes of *Marginella tambacana* Martin, 1884, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 8780: 3 specimens).

Family Mitridae
Subfamily Mitrinae
Genus *Mitra*
Subgenus *Mitra* (*Mitra*)
*Mitra* (*Mitra*) *arntzenii* Martin, 1916

*Mitra* (*s. str.*) *Arntzenii* Martin, 1916: 236, pl. 1, fig. 28.
*Mitra arntzenii* Martin – van der Vlerk, 1931: 225.
*Mitra* (*Mitra*) *arntzenii* Martin – Skwarko & Sufiati, 1994: s18.

Holotype of *Mitra* (*s. str.*) *Arntzenii* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 8881).

*Mitra* (*Mitra*) *bomasensis* Martin, 1916

*Mitra* (*s. str.*) *bomasensis* Martin, 1916: 235, pl. 1, figs. 24-25.
*Mitra bomasensis* Martin – van der Vlerk, 1931: 225.
*Mitra* (*Mitra*) *bomasensis* Martin – Skwarko & Sufiati, 1994: s18.

Syntypes of *Mitra* (*s. str.*) *bomasensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 8878: 2 specimens); leg.: K. Martin (RGM 8879: 3 specimens, RGM 47086: 1 specimen).

*Mitra* (*Mitra*) *javana* Pannekoek, 1936

*Mitra* (*s. str.*) *javana* Pannekoek, 1936: 36, pl. 1, fig. 17.
*Mitra* (*Mitra*) *javana* Pannekoek – Skwarko & Sufiati, 1994: s19.

Holotype of *Mitra* (*s. str.*) *javana* Pannekoek, 1936, collector unknown, loc.: Ngampel or Panowan River, strat.: Rembang Formation, Lower Miocene (RGM 8912).

*Mitra* (*Mitra*) *kelirensis* Martin, 1916

*Mitra* (*s. str.*) *kelirensis* Martin, 1916: 236, pl. 1, figs. 26-27.
*Mitra kelirensis* Martin – van der Vlerk, 1931: 226.
*Mitra* (*Mitra*) *kelirensis* Martin. – Skwarko & Sufiati, 1994: s19.

Syntypes of *Mitra* (*s. str.*) *kelirensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 8880: 2 specimens).

*Mitra* (*Mitra*) *martini* Pannekoek, 1936

*Mitra* (*s. str.*) *martini* Pannekoek, 1936: 36, pl. 1, fig. 15.
*Mitra* (*Mitra*) *martini* Pannekoek – Skwarko & Sufiati, 1994: s19.

Holotype of *Mitra* (*s. str.*) *martini* Pannekoek, 1936, collector unknown, loc.: Ngampel or Panowan River, strat.: Rembang Formation, Lower Miocene (RGM 8912).

*Mitra* (*Mitra*) *molengraaffi* Martin, 1916

*Mitra* (*s. str.*) *Molengraaffi* Martin, 1916: 234, pl. 1, figs. 21-23.
*Mitra molengraaffi* Martin – van der Vlerk, 1931: 226.
*Mitra* (*Mitra*) *molengraaffi* Martin – Skwarko & Sufiati, 1994: s19.

Syntypes of *Mitra* (*s. str.*) *Molengraaffi* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 8875: 2 specimens, RGM 8876: 20 specimens); leg.: H. Martin-Icke (RGM 8877: 8 specimens); leg.: K. Martin (RGM 47096: 3 specimens).

The description was based on 42 specimens from Kembang Sokkoh.

*Mitra* (*Mitra*) *sowerbyi sedanensis* Martin, 1906

*Mitra* (*Nebularia*) *sedanensis* Martin, 1906: 303, pl. 44, fig. 720.
*Mitra sedanensis* Martin – Zwierzycki, 1915: 127.
*Mitra* (*s.str.*) *sedanensis* Martin – Martin, 1916: 234.
*Mitra sedanensis* – Martin, 1928: 121.
*Mitra sedanensis* Martin – van der Vlerk, 1931: 226.
*Mitra sowerbyi sedanensis* Martin – Beets, 1985c: 61.
*Mitra sowerbyi sedanensis* Martin – Beets, 1987a: 37.
*Mitra* (*Mitra*) *sowerbyi sedanensis* Martin – Skwarko & Sufiati, 1994: s20.

Syntypes of *Mitra* (*Nebularia*) *sedanensis* Martin, 1906, collector unknown, loc.: Gunung Butak, strat.: Lower Miocene (RGM 8867: 1 specimen); strat.: Rembang Formation, Lower Miocene (RGM 8869: 1 specimen); loc.: Sedan (RGM 8871: 2 specimens).

Subgenus unknown
*Mitra granatinaeformis* Martin, 1884

*Mitra granatinaeformis* Martin, 1884: 86, pl. 5, fig. 87.
*Mitra granatinaeformis* Martin – Martin, 1928: 10.
*Mitra granatinaeformis* Martin – van der Vlerk, 1931: 226.
*Mitra granatinaeformis* Martin – Haanstra & Spiker, 1932: 1100.
*Mitraria granatinaeformis* (Martin) – Shuto, 1977: 138.
*Mitraria granatinaeformis* (Martin) – Shuto, 1978: 106.
*Mitraria granatinaeformis* (Martin). – Skwarko & Sufiati, 1994: s27.

Holotype of *Mitra granatinaeformis* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 8883).

*Mitra grooti* (Martin, 1882)

*Voluta Grooti* Martin, 1882: 229, pl. 11, fig. 24.
*Mitra Grooti* – Martin, 1919: 118.
*Mitra grooti* Martin – van der Vlerk, 1931: 226.
*Mitra grooti* Martin – Skwarko & Sufiati, 1994: s14.

Holotype of *Voluta Grooti* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 8865).

Subfamily Imbricariinae
Genus *Tiara*
*Tiara angsanana* (Martin, 1921)

*Mitra* (*Cancilla*) *angsanana* Martin, 1921: 453, pl. 53, fig. 23.
*Mitra angsanana* Martin – van der Vlerk, 1931: 225.
*Tiara angsanana* (Martin) – Skwarko & Sufiati, 1994: s22.

Syntypes of *Mitra* (*Cancilla*) *angsanana* Martin, 1921, collector unknown, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 8906: 3 specimens); leg.: H. Martin-Icke (RGM 8905: 1 specimen, RGM 47156: 1 specimen).

*Tiara cheribonensis* (Martin, 1895)

*Turricula* (*Pusia*) *cheribonensis* Martin, 1895: 83, pl. 12, fig. 186.
*Turricula* (*Pusia*) *cheribonensis* Martin – Martin, 1916: 239.
*Turricula cheribonensis* Martin – van der Vlerk, 1931: 227.
*Pusia cheribonensis* Martin – Skwarko & Sufiati, 1994: s28.

Holotype of *Turricula* (*Pusia*) *cheribonensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 8964).

*Tiara gerthi* (Pannekoek, 1936)

*Mitra* (*Cancilla*) *gerthi* Pannekoek, 1936: 36, pl. 1, fig. 16.
*Tiara gerthi* (Pannekoek) – Skwarko & Sufiati, 1994: s23.

Syntype of *Mitra* (*Cancilla*) *gerthi* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 8911: 1 specimen).

Pannekoek based her description on two specimens. RGM 8911 contains two specimens, but one of these was according to the original label identified as *Mitra* cf. *flammea* by Pannekoek. The other is clearly one of the types. The second type specimen could not be located.

*Tiara junghuhni* (Martin, 1879)

*Mitra Junghuhni* Martin, 1879: 27, pl. 6, fig. 1.
*Mitra* (*Scabricula*) *Junghuhni* Martin – Tesch, 1915: 44.
*Mitra junghuhni* Martin – van der Vlerk, 1931: 225.
*Mitra* (*Tiara*) *junghuhni* Martin – Oostingh, 1939: 8.
*Tiara junghuhni* Martin – Skwarko & Sufiati, 1994: s24.

Holotype of *Mitra Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 8882).

Skwarko & Sufiati (1994) incorrectly indicated P. J5554 (Bandung collection) as the type.

*Tiara rembangensis* (Martin, 1906)

*Mitra* (*Cancilla*) *rembangensis* Martin, 1906: 304, pl. 44, fig. 722.
*Mitra* cf. *rembangensis* Martin – Zwierzycki, 1915: 127.
*Mitra rembangensis* Martin – van der Vlerk, 1931: 226.
*Mitra* (*Tiara*) *rembangensis* Martin – Shuto, 1977: 138.
*Tiara rembangensis* (Martin) – Skwarko & Sufiati, 1994: s25.

Syntypes of *Mitra* (*Cancilla*) *rembangensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Rembang, strat.: Rembang Formation, Lower Miocene (RGM 8902: 1 specimen, RGM 8903: 1 specimen).

*Tiara sokkohensis* (Martin, 1916)

*Mitra* (*Cancilla*) *sokkohensis* Martin, 1916: 237, pl. 1, figs. 29-30.
*Mitra sokkohensis* Martin – Martin, 1919: 79.
*Mitra sokkohensis* Martin – van der Vlerk, 1931: 226.
*Tiara sokkohensis* (Martin) – Skwarko & Sufiati, 1994: s26.

Syntypes of *Mitra* (*Cancilla*) *sokkohensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 8897: 1 specimen); collector unknown, loc.: Kembangsokah (RGM 8896: 2 specimens); leg.: H. Martin-Icke (RGM 8898: 5 specimens); leg.: K. Martin (RGM 47123: 2 specimens).

*Tiara sucabumiana* (Martin, 1906)

*Mitra* (*Cancilla*) *sucabumiana* Martin, 1906: 303, pl. 44, fig. 721.
*Mitra* (*Cancilla*) *sucabumiana* – Martin, 1921: 452.
*Mitra sucabumiana* Martin mut. – Martin, 1928: 10.
*Mitra sucabumiana* Martin – van der Vlerk, 1931: 226.
*Mitra* (*Cancilla*) *sucabumiana* Martin – Pannekoek, 1936: 38.
*Mitra* (*Tiara*) *scabumiana* [sic] Martin – Shuto, 1977: 139.
*Tiara sucabumiana* (Martin) – Skwarko & Sufiati, 1994: s26.

Holotype of *Mitra* (*Cancilla*) *sucabumiana* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 8899).

Two specimens are part of lot RGM 8899. One of these is the holotype, the other is the specimen illustrated by Martin (1921: pl. 1, fig. 21). Since the description was based on one specimen only, the specimen illustrated in 1921 forms no part of the type series.

Family Costellariidae
Genus *Vexillum*
Subgenus *Vexillum* (*Costellaria*)
*Vexillum* (*Costellaria*) *batavianum* (Martin, 1884)

*Mitra* (*Turricula*) *bataviana* Martin, 1884: 89, pl. 5, fig. 89.
*Turricula* (*Vulpecula*) *bataviana* Martin – Martin, 1895: 78.
*Turricula* (*Vulpecula*) *bataviana* Martin – Icke & Martin, 1907b: 214.
*Turricula* (*Vulpecula*) *bataviana* Martin – Martin-Icke, 1911: 47.
*Turricula* (*Vulpecula*) *bataviana* Martin – Martin, 1912: 164
*Turricula* (*Vulpecula*) *bataviana* Martin – Tesch, 1915: 47.
*Turricula bataviana* Martin – Martin, 1919: 80.
*Turricula bataviana* Martin – Fischer, 1927: 20.
*Turricula bataviana* Martin – van der Vlerk, 1931: 226.
*Vexillum* (*Vexillum*) *batavianum* (Martin) – Oostingh, 1935: 91.
*Vexillum* (*Costellaria*) *batavianum* (Martin) – Oostingh, 1939: 50.
*Vexillum* (*Vexillum*) *batavianum* (Martin) – Shuto, 1978: 109.
*Vexillum* (*Costellaria*) *bataviana* (Martin) – Skwarko & Sufiati, 1994: t3.

Syntypes of *Mitra* (*Turricula*) *bataviana* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m, strat.: Pliocene (RGM 8918: 1 specimen); loc.: Batavia Borehole V, 74 m (RGM 8919: 2 specimens).

Skwarko & Sufiati (1994) indicated the Batavia Borehole 3 and 4 as type locality. This is probably a lapsus for 3 and 5. They incorrectly indicated P J3085 and J5614 (Bandung collection) as the type specimens.

*Vexillum* (*Costellaria*) *dijki* (Martin, 1906)

*Turricula* (*Callithea*) *dijki* Martin, 1906: 306, pl. 44, fig. 726.
*Turricula dijki* Martin – van der Vlerk, 1931: 227.
*Turricula* (*Callithea*) *dijki* Martin – Skwarko & Sufiati, 1994: u53.

Holotype of *Turricula* (*Callithea*) *dijki* Martin, 1906, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 8961).

If we follow Skwarko & Sufiati (1994: u53) in retaining *dijki* in this subfamily, in stead of following Van de Vlerk, 1931: 227, the present taxon should be called *Vexillum* (*Costellaria*) *dijki*. However, if Van de Vlerk is followed, who called this taxon *Turricula dijki*, a problem occurs. Since Vaught (1989: 58) regarded *Surcula* H. & A. Adams, 1853, to be a junior synonym of *Turricula* Schumacher, 1817, *Turricula dijki* Martin, 1906 and *Turricula dijki* (Martin, 1885) would be homonyms.

*Vexillum* (*Costellaria*) *gembacanum* (Martin, 1884)

*Mitra* (*Turricula*) *gembacana* Martin, 1884: 91, pl. 5, fig. 94.
*Vexillum gembacana* Martin – Schepman, 1907: 169.
*Turricula* (*Vulpecula*) *gembacana* Martin – Tesch, 1915: 49.
*Turricula* (*Vulpecula*) *gembacana* Martin – Martin, 1921: 454.
*Turricula* (*Vulpecula*) *gembacana* Martin – Fischer, 1927: 84.
*Vexillum gembacana* – Martin, 1928: 113.
*Turricula gembacana* Martin – van der Vlerk, 1931: 227.
*Turricula gembacana* Martin – Haanstra & Spiker, 1932: 1096.
*Vexillum* (*Vexillum*) *gembacanum* Martin – Pannekoek, 1936: 6.
*Vexillum* (*Pusia*) *gembacanum* Martin – MacNeil, 1960: 91.
*Vexillum* (*Costellaria*) *gembacanum* (Martin) – Beets, 1983b: 32.
*Vexillum* (*Costellaria*) *gembacanum* (Martin) – Beets, 1987a: 36.
*Vexillum* (*Costellaria*) *gembacana* (Martin) – Skwarko & Sufiati, 1994: t4.

Syntypes of *Mitra* (*Turricula*) *gembacana* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 8939: 2 specimens); loc.: Yogyakarta (RGM 8936: 1 specimen, RGM 8937: 1 specimen).

The description was based on five specimens. Martin tentatively included two defect specimens from Tambak Batu in the species. These are also in the Martin collection (RGM 8940).

*Vexillum* (*Costellaria*) *ickei* (Martin, 1906)

*Turricula* (*Vulpecula*) *Ickei* Martin, 1906: 305, pl. 44, fig. 724.
*Turricula* (*Vulpecula*) *ickei* Martin – Martin, 1911: 19.
*Turricula ickei* Martin – van der Vlerk, 1931: 227.
*Vexillum* (*Costellaria*) *ickei* (Martin) – Shuto, 1969: 168.
*Vexillum* (*Costellaria*) *ickei* (Martin) – Skwarko & Sufiati, 1994: t5.

Holotype of *Turricula* (*Vulpecula*) *Ickei* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Lower Miocene (RGM 8941).

*Vexillum* (*Costellaria*) *javanum* (Martin, 1879)

*Mitra javana* Martin, 1879: 27, pl. 6, figs. 3,3a.
*Turritella javana* Martin – van der Vlerk, 1931: 227.
*Vexillum* (*Costellaria*) *javana* (Martin) – Shuto, 1982: 130.
*Vexillum* (*Costellaria*) *javana* (Martin) – Skwarko & Sufiati, 1994: t5.

Syntype of *Mitra javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 8943: 1 specimen).

The description was based on 45 specimens. Only one of the two illustrated specimens was recovered in the Martin Collection.

*Vexillum* (*Costellaria*) *progoense* (Martin, 1916)

*Turricula* (*s. str.*) *progoënsis* Martin, 1916: 238, pl. 2, figs. 31-32.
*Turricula progoënsis* Martin – van der Vlerk, 1931: 227.
*Vexillum* (*Costellaria*) *progoensis* (Martin) – Skwarko & Sufiati, 1994: t5.

Syntypes of *Turricula* (*s. str.*) *progoënsis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West

Progo Group, Lower Miocene (RGM 47107: 1 specimen); leg.: H. Martin-Icke, loc.: Junghuhn K (RGM 8966: 2 specimens).

*Vexillum* (*Costellaria*) *rajaense* (Martin, 1895)

*Turricula* (*Callithea*) *rajaënsis* Martin, 1895: 83, pl. 12, fig. 185.
*Turricula rajaënsis* Martin – van der Vlerk, 1931: 228.
*Vexillum* (*Costellaria*) *rajaense* (Martin) – Oostingh, 1939: 49.
*Vexillum rajaënse* (Martin) – Cox, 1948: 49.
*Vexillum* (*Costellaria*) *rajaensis* (Martin) – Skwarko & Sufiati, 1994: t5.

Holotype of *Turricula* (*Callithea*) *rajaënsis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: ? Cimanceuri near Bayah, strat.: Pliocene (RGM 8958).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

*Vexillum* (*Costellaria*) *tjilonganense* Martin, 1906

*Turricula* (*Callithea*) *tjilonganensis* Martin, 1906: 305, pl. 44, fig. 725.
*Turricula tjilonganensis* Martin – van der Vlerk, 1931: 228.
*Turricula* (*Callithea*) *tjilonganensis* Martin – Skwarko & Sufiati, 1994: u54.

Holotype of *Turricula* (*Callithea*) *tjilonganensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Upper Miocene (RGM 8960).

Subgenus unknown
*Vexillum taeniataeforme* (Martin, 1884)

*Mitra* (*Turricula*) *taeniataeformis* Martin, 1884: 87, pl. 5, fig. 88.
*Turricula taeniataeformis* Martin – van der Vlerk, 1931: 228.
*Vexillum taeniataeforme* (Martin) – Cox, 1948: 49.
*Vexillum taeniataeformis* (Martin) – Skwarko & Sufiati, 1994: t3.

Holotype of *Mitra* (*Turricula*) *taeniataeformis* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole I, 98 m, strat.: Pliocene (RGM 8924).

Superfamily Cancellarioidea
Family Cancellariidae
Subfamily Cancellariinae
Genus *Cancellaria*
Subgenus *Cancellaria* (*Bivetia*)
*Cancellaria* (*Bivetia*) *martini* Cossmann, 1899

*Triton buccinoides* Martin, 1879: 60, pl. 14, fig. 11.
*Cancellaria neglecta* Martin nom. nov. pro *T. buccinoides* Martin non *C. buccinoides* – Martin, 1895: 47, pl. 7, fig. 12.
*Bivetia Martini* nom. nov. pro *C. neglecta* Martin non *C. neglecta* Michelotti, 1861 – Cossmann, 1899: 10.
*Bivetia neglecta* Martin – van der Vlerk, 1931: 221.
*Bivetia neglecta* Martin – Skwarko & Sufiati, 1994: t9.

Holotype of *Triton buccinoides* Martin, 1879, leg.: F. Junghuhn, unknown locality, strat.: Tertiary (RGM 7954).

Martin originally described and illustrated this species as *Triton buccinoides* (Martin, 1879: 60, Pl. 14, fig. 11). As the specimen was cleared from the sediment, it became clear that it was not a *Triton*. Since the name *Cancellaria buccinoides* was preoccupied, Martin introduced *C. neglecta* as nomen novum, unaware of the preoccupation of this name.

Subgenus *Merica*
*Merica verbeeki* (Martin, 1895)

*Cancellaria* (*Merica*) *Verbeeki* Martin, 1895: 49, pl. 7, fig. 115.
*Merica verbeeki* Martin – van der Vlerk, 1931: 221.
*Merica verbeeki* (Martin) – Shuto, 1977: 139.
*Merica verbeeki* (Martin) – Shuto, 1978: 107.
*Merica verbeeki* Martin – Skwarko & Sufiati, 1994: t13.

Holotype of *Cancellaria* (*Merica*) *Verbeeki* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 7962).

Genus *Trigonostoma*
Subgenus *Trigonostoma* (*Trigonostoma*)
*Trigonostoma* (*Trigonostoma*) *tjibaliungense* (Martin, 1895)

*Cancellaria* (*T.*) *tjibaliungensis* Martin, 1895: 50, pl. 7, fig. 116.
*Trigonostoma tjibaliungensis* Martin – van der Vlerk, 1931: 221.
*Trigonostoma* (*Trigonostoma*) *tjibaliungensis* (Martin) – Oostingh, 1938: 111.
*Trogonostoma* [sic] *thibaliungense* [sic] (Martin) – Shuto, 1977: 139.
*Trogonostoma* [sic] *thibaliungense* [sic] (Martin) – Shuto, 1978: 108.
*Trigonostoma* (*Trigonostoma*) *tjibalinugensis* [sic] Martin – Skwarko & Sufiati, 1994: t16.

Holotype of *Cancellaria* (*Trigonostoma*) *tjibaliungensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 7963).

Skwarko & Sufiati (1994) indicated P. J5387 (Bandung collection) as the type, which is incorrect.

Genus *Unitas*
*Unitas nanggulanensis* (Martin, 1914)

*Cancellaria* (*Uxia*) *nanggulanensis* Martin, 1914: 126, pl. 2, fig. 55.
*Uxia nanggulanensis* Martin – van der Vlerk, 1931: 221.
*Unitas nanggulanensis* Martin – Piccoli & Savazzi, 1983: 40.
*Unitas nanggulanensis* (Martin) – Skwarko & Sufiati, 1994: t17.

Syntypes of *Cancellaria* (*Uxia*) *nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7968: 1 specimen, RGM 7969: 1 specimen, RGM 47257: 1 specimen).

*Unitas puruensis* (Martin, 1914)

*Cancellaria* (*Uxia*) *nanggulanensis* Martin, 1914: 127, pl. 2, fig. 56.
*Uxia puruensis* Martin – van der Vlerk, 1931: 221.
*Unitas puruensis* Martin – Piccoli & Savazzi, 1983: 40.
*Unitas puruensis* (Martin) – Skwarko & Sufiati, 1994: t17.

Syntype of *Cancellaria* (*Uxia*) *nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7969: 1 specimen).

Superfamily Conoidea
Family Conidae
Genus *Conus*
Subgenus *Conus* (*Conus*)
*Conus* (*Conus*) *tjilonganensis* Martin, 1906

*Conus tjilonganensis* Martin, 1906: 289, pl. 42, fig. 691.
*Conus tjilonganensis* Martin – Zwierzycki, 1915: 126.
*Conus tjilonganensis* Martin – Martin, 1919: 73.
*Conus tjilonganensis* – Martin, 1928: 113.

*Conus tjilonganensis* Martin – van der Vlerk, 1931: 215.
*Conus* (*Conus*) *tjilonganensis* Martin – Oostingh, 1938: 18.
*Conus tjilonganensis* Martin – Beets, 1941: 135.
*Conus tjilonganensis* Martin – Shuto, 1977: 134.
*Conus* (*Conus*) *tjilonganensis* Martin – Skwarko & Sufiati, 1994: v23.

Syntypes of *Conus tjilonganensis* Martin, 1906, leg.: R.D.M. Verbeek, unknown locality, strat.: Neogene (RGM 7565: 1 specimen, RGM 7566: 1 specimen); loc.: Cadasngampar (RGM 7564: 1 specimen).

The locality for RGM 7565 and RGM 7566 is not given on the original labels. According to the description one of these specimens originates from Cadasngampan, the other from the Myalindung area.

### Subgenus *Asprella* (*Asprella*)
### *Asprella* (*Asprella*) *ornatissima* (Martin, 1882)

*Conus ornatissimus* Martin, 1882: 221, pl. 1, fig. 20.
*Conus ornatissimus* Martin – Martin, 1884: 50.
*Conus ornatissimus* Martin – Martin, 1895: 12.
*Conus ornatissimus* Martin – Tesch, 1915: 16.
*Conus ornatissimus* Martin – Zwierzycki, 1915: 105.
*Conus ornatissimus* Martin – Fischer, 1927: 104.
*Conus* (*Stephanoconus*) *ornatissimus* Martin – Koperberg, 1931: 57.
*Conus ornatissimus* Martin – van der Vlerk, 1931: 214.
*Conus* cf. *ornatissimus* Martin – Pannekoek, 1936: 19.
*Conus* (*Stephanoconus*) *ornatissimus* Martin – Oostingh, 1938: 19.
*Conus ornatissimus* Martin – Cox, 1948: 60.
*Asperella* (*Asperella*) *ornatissima* (Martin) – Shuto, 1969: 221.
*Stephanoconus ornatissima* (Martin) – Shuto, 1977: 135.
*Asperella* (*Asperella*) *ornatissima* (Martin) – Shuto, 1978: 108.
*Conus ornatissimus* Martin – Beets, 1983a: 8.
*Asperella* (*Asperella*) *ornatissima* (Martin) – Skwarko & Sufiati, 1994: v31.

Syntypes of *Conus ornatissimus* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 7424: 1 specimen, RGM 7427: 1 specimen, RGM 7431: 1 specimen). This specimen is the original for Martin, 1895: Pl. 1, fig. 9.

The description was based on nine specimens.

### Subgenus *Conus* (*Chelyconus*)
### *Conus* (*Chelyconus*) *dingleanus* Beets, 1985

*Conus Jenkinsi* Martin – Martin, 1921: 448.
*Conus Jenkinsi* Martin – Martin, 1928: 13.
*Conus* (*Chelyconus*) *jenkinsi* Martin – Oostingh, 1938: 20.
*Phasmoconus martini* Shuto, 1969: 222.
*Phasmoconus martini* nom. nov. pro *Conus jenkinsi* Martin, 1921 non Martin, 1879-1880 – Shuto, 1969: 222.
*Conus dingleanus* nom. nov. pro *Phasmoconus martini* Shuto, 1969 non Wanner & Hahn, 1935 – Beets, 1985c: 63.
*Conus* (*Chelyconus*) *dingleanus* Beets 1984in Skwarko & Sufiati, 1994: v20.

Holotype of *Phasmoconus martini* Shuto, 1969, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Miocene (RGM 7557).

The larger of the two specimens in RGM 7557 is the holotype of *P. martini*. The smaller of the two specimens in RGM 7557 is also a paratype of *P. martini*.

### *Conus* (*Chelyconus*) *jenkinsi* Martin, 1879

*Conus Jenkinsi* Martin, 1879: 10, pl. 1, fig. 4.
*Conus jenkinsi* Martin – van der Vlerk, 1931: 214.
*Conus* (*Chelyconus*) *jenkinsi* Martin – Skwarko & Sufiati, 1994: v20.

Holotype of *Conus Jenkinsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Miocene (RGM 7558).

### *Conus* (*Chelyconus*) *socialis* Martin, 1895

*Conus socialis* Martin, 1895: 17, pl. 2, figs. 27-30.
*Conus* (*s.str.*) *maaboensis* Icke – Icke & Martin, 1907: 225.
*Conus socialis* Martin – Boettger, 1908: 674.
*Conus socialis* Martin – Martin-Icke, 1911: 46.
*Conus socialis* Martin – Tesch, 1915: 19.
*Conus socialis* Martin – Martin, 1928: 13.
*Conus socialis* Martin – van Es, 1931: 39.
*Conus maaboensis* Martin-Icke – van der Vlerk, 1931: 214.
*Conus socialis* Martin – van der Vlerk, 1931: 215.
*Conus? socialis* Martin – Haanstra & Spiker, 1932: 1313.
*Conus socialis* Martin – von Kutassy, 1934: 314.
*Conus* (*Chelyconus*) *socialis* Martin – Oostingh, 1938: 20.
*Conus* (*Asperella*) *socialis* Martin var. *gugurensis* – van Regteren Altena & Beets, 1945: 47.
*Conus socialis* Martin – Cox, 1948: 58, pl. 6, fig. 4a-c.
*Conus socialis* Martin – Beets, 1950h: 336.
*Asperella* (*Asperella*) *mucronata socialis* (Martin) – Shuto, 1969.
*Chelyconus socialis* (Martin) – Shuto, 1977: 135.
*Conus socialis* Martin – Beets, 1983a: 8.
*Conus mucronatus socialis* Martin – Beets, 1987c: 115.
*Conus* (*Chelyconus*) *socialis* Martin – Skwarko & Sufiati, 1994: v21.
*Asperella* (*Asperella*) *mucronatus socialis* (Martin) – Skwarko & Sufiati, 1994: v30.

Syntypes of *Conus socialis* Martin, 1895, collector unknown, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 7494: 2 specimens, RGM 7495: 5 specimens); leg.: R.D.M. Verbeek (RGM 7488: 1 specimen, RGM 7489: 1 specimen, RGM 7490: 2 specimens, RGM 7491: 4 specimens, RGM 7493: 2 specimens, RGM 7496: 11 specimens, RGM 7497: 9 specimens, RGM 7498: 72 specimens); loc.: Tambakbatu in Mojokerto, strat.: Upper Miocene (RGM 7500: 1 specimen).

### Subgenus *Conus* (*Cleobula*)
### *Conus* (*Cleobula*) *hochstetteri* Martin, 1879

*Conus Hochstetteri* Martin, 1879: 14, pl. 2, fig. 7.
*Conus Hochstetteri* Martin – Martin, 1895: 22.
*Conus hochstetteri* Martin – van der Vlerk, 1931: 213.
*Gastridium* (*Cleobula*) *hochstetteri* (Martin) – Shuto, 1977: 139.
*Gastridium* (*Cleobula*) *hochstetteri* (Martin) – Skwarko & Sufiati, 1994: v33.

Syntypes of *Conus Hochstetteri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 7592: 3 specimens).

Martin (1879) also mentioned a specimen from locality O (Cilanang Gap), which was not in the NNM.

### Subgenus *Conus* (*Conospirus*)
### *Conus* (*Conospirus*) *menengtenganus* Martin, 1895

*Conus menengtenganus* Martin, 1895: 11, pl. 1, fig. 6.

*Conus menengtenganus* Martin – van der Vlerk, 1931: 214.
*Conus* (*Conospirus*) *menengtenganus* Martin – Oostingh, 1938: 19.
*Conus menengtenganus* Martin – MacNeil, 1960: 122.
*Conospirus menengtenganus* (Martin) – Shuto, 1977: 135.
*Conus* (*Conospirus*) *menengtenganus* Martin – Skwarko & Sufiati, 1994: v22.

Syntypes of *Conus menengtenganus* Martin, 1895, leg.: R.D.M Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 7422: 1 specimen, RGM 7423: 1 specimen); loc.: Sonde (RGM 7421: 1 specimen).

Skwaro & Sufiati (1994) indicated Sonde as the type locality. However, Martin also described and illustrated material from the Menengteng Gorge, after which locality the species was named and thus should be considered the type locality.

### Subgenus *Conus* (*Hemiconus*)
### *Conus* (*Hemiconus*) *juttingae* Pannekoek, 1936

*Conus* (*Conasprella*) *juttingae* Pannekoek, 1936: 21, pl. 1, fig. 5.
*Conus* (*Hemiconus*) *juttingae* Pannekoek – Skwarko & Sufiati, 1994: v25.

Holotype of *Conus* (*Conasprella*) *juttingae* Pannekoek, 1936, leg.: Gonggrijp XV, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 7649).

### Subgenus *Conus* (*Lautoconus*)
### *Conus* (*?Lautoconus*) *arntzenii* Martin, 1916

*Conus Arntzenii* Martin, 1916: 228, pl. 1, figs. 9-10.
*Conus Arntzenii* Martin – Martin, 1919: 73.
*Conus Arntzenii* – Martin, 1928: 109.
*Conus arntzenii* Martin – van der Vlerk, 1931: 213.
*Conus* (*Lautoconus?*) *arntzenii* Martin – Beets, 1941: 137.
*Conus* (*Lautoconus?*) *arntzenii* Martin – Skwarko & Sufiati, 1994: v25.

Syntypes of *Conus Arntzenii* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7631: 2 specimens); loc.: Kembangsokah (RGM 7629: 3 specimens, RGM 7630: 5 specimens); leg.: K. Martin (RGM 47143: 2 specimens).

The description was based on eight specimens from Kembang Sokkoh and two from Gunung Spolong. The Martin collection contains ten specimens from Kembang Sokkoh. On the basis of the labels it can not be decided which specimens were used in the description.

### Subgenus *Conus* (*Leptoconus*)
### *Conus* (*Leptoconus*) *jocus* (Finlay, 1927)

*Conus fasciatus* – Martin, 1884: 50, pl. 4, fig. 50.
*Conus fasciatus* Martin, 1885: 50, pl. 4, fig. 50.
*Conus* cf. *fasciatus* Martin – Zwierzycki, 1915: 127.
*Leptoconus jocus* nom. nov. pro *Conus fasciatus* Martin, 1885 non Meuschen, 1787 – Finlay, 1927: 518.
*Conus fasciatus* Martin – van der Vlerk, 1931: 213.
*Conus* (*Leptoconus*) *jocus* – Skwarko & Sufiati, 1994: v26.

Holotype of *Conus fasciatus* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7463).

### *Conus* (*Leptoconus*) *spolongensis* Martin, 1916

*Conus* (*Leptoconus*) *spolongensis* Martin, 1916: 228, pl. 1, fig. 8.
*Conus spolongensis* – Martin, 1928: 119.
*Conus spolongensis* Martin – van der Vlerk, 1931: 215.
*Conus* cf. *spolongensis* Martin – Pannekoek, 1936: 20.
*Conus* (*Leptoconus*) *spolongensis* Martin – Skwarko & Sufiati, 1994: v27.

Syntypes of *Conus* (*Leptoconus*) *spolongensis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7444: 1 specimen, RGM 47140: 1 specimen); loc.: Ngampel (RGM 7445: 1 specimen, RGM 7446: 2 specimens).

Skwarko & Sufiati (1994) incorrectly indicated that the types are in an Amsterdam Collection (presumably GI-UvA).

### *Conus* (*Leptoconus*) *tjaringensis* Martin, 1895

*Conus tjaringensis* Martin, 1895: 14, pl. 1, fig. 19.
*Conus tjaringensis* Martin – Zwierzycki, 1915: 105.
*Conus tjaringensis* Martin – van der Vlerk, 1931: 215.
*Conus* (*Leptoconus*) *tjaringensis* Martin – Oostingh, 1938: 22.
*Conus* (*Leptoconus*) *tjaringensis* Martin – Skwarko & Sufiati, 1994: v27.

Syntypes of *Conus tjaringensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 7460: 1 specimen, RGM 7461: 2 specimens).

### Subgenus *Conus* (*Lithoconus*)
### *Conus* (*Lithoconus*) *hardi* Martin, 1879

*Conus Hardi* Martin, 1879: 12, pl. 14, fig. 2.
*Conus Hardi* Martin – Martin, 1883: 224.
*Conus Hardi* Martin – Martin, 1884: 52.
*Conus Hardi* Martin – Martin, 1895: 18.
*Conus* (*Lithoconus*) *Hardi* Martin – Martin, 1916: 226.
*Conus Hardi* Martin – Martin, 1919: 72.
*Conus Hardi* – Martin, 1928: 113.
*Conus hardi* Martin – van der Vlerk, 1931: 213.
*Conus hardi* Martin – Beets, 1941: 195.
*Conus hardi* Martin – Beets, 1950h: 336.
*Conus hardi* Martin – Beets, 1983b: 35.
*Conus* (*Lithoconus*) *hardi* Martin – Skwarko & Sufiati, 1994: v28.

Holotype of *Conus Hardi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Miocene (RGM 7507).

### *Conus* (*Lithoconus*) *pamotanensis* Martin, 1906

*Conus pamotanensis* Martin, 1906: 288, pl. 42, fig. 689.
*Conus pamotanensis* Martin – Martin, 1907: 146.
*Conus pamotanensis* Martin – Martin, 1912: 158.
*Conus pamotanensis* Martin – Martin, 1916: 226.
*Conus pamotanensis* Martin – Martin, 1919: 72.
*Conus pamotanensis* Martin – van der Vlerk, 1931: 214.
*Conus pamotanensis* Martin – Haanstra & Spiker, 1932: 1096.
*Conus pamotanensis* Martin – Pannekoek, 1936: 5.
*Conus* (*Lithoconus?*) *pamotanensis* Martin – Beets, 1941: 138.
*Conus pamotanensis* Martin – Beets, 1983c: 56.
*Conus* (*Lithoconus*) *pamotanensis* Martin – Skwarko & Sufiati, 1994: v28.

Holotype of *Conus pamotanensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 7550).

### *Conus* (*Lithoconus*) *vandijki* Martin, 1916

*Conus* (*Lithoconus*) *Vandijki* Martin, 1916: 227, pl. 1, fig. 7.
*Conusvandijki* Martin. – van der Vlerk, 1931: 215.
*Conus* (*Lithoconus*) *vandijki* Martin. – Skwarko & Sufiati, 1994: v29.

Syntypes of *Conus* (*Lithoconus*) *Vandijki* Martin, 1916, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7520: 1 specimen, RGM 47145: 1 specimen); leg.: H. Martin-Icke (RGM 7521: 2 specimens).

Martin based his description on three specimens from Kembang Sokkoh. In the Martin collection four specimens from that locality are present. RGM 7520 is the specimen illustrated by Martin (1916, pl. 1, fig. 7).

## Subgenus unknown

### *Conus affinis* Martin, 1879

*Conus affinis* Martin, 1879: 15, pl. 2, fig. 8.
*Conus affinis* Martin – van der Vlerk, 1931: 213.

Holotype of *Conus affinis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7626).

This species was not listed by Skwarko & Sufiati (1994).

### *Conus cheribonensis* Martin, 1895

*Conus cheribonensis* Martin, 1895: 24, pl. 4, fig. 62.
*Conus cheribonensis* Martin – van der Vlerk, 1931: 213.
*Conus cheribonensis* Martin – Skwarko & Sufiati, 1994: v2.

Holotype of *Conus cheribonensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 7610).

### *Conus decollatus* Martin, 1885

*Conus decollatus* Martin, 1885: 54, pl. 4, fig. 55.
*Conus decollatus* Martin – Martin, 1895: 23.
*Conus decollatus* Martin – Martin, 1912: 158.
*Conus decollatus* – Martin, 1928: 120.
*Conus decollatus* Martin – van der Vlerk, 1931: 213.
*Conus decollatus* Martin – Beets, 1983c: 55.
*Conus decollatus* Martin – Beets, 1987a: 42.
*Conus decollatus* Martin – Skwarko & Sufiati, 1994: v3.

Holotype of *Conus decollatus* Martin, 1885, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Miocene (RGM 7595).

### *Conus djarianensis* Martin, 1895

*Conus djarianensis* Martin, 1895: 20, pl. 3, figs. 45-49.
*Conus djarianensis* – Martin, 1928: 113.
*Conus djarianensis* Martin – van der Vlerk, 1931: 213.
*Conus djarianensis* Martin – MacNeil, 1960: 121.
*Conus djarianensis* Martin – Beets, 1987a: 42.
*Conus djarianensis* Martin – Skwarko & Sufiati, 1994: v4.

Syntypes of *Conus djarianensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Cilanang Formation, Upper Miocene (RGM 7543: 18 specimens, RGM 7546: 11 specimens).

The description was based on 69 specimens

### *Conus everwijni* Martin, 1882

*Conus Everwijni* Martin, 1882: 225, pl. 10, fig. 21.
*Conus Everwijni* Martin – Martin, 1895: 25.
*Conus everwijni* Martin – Boettger, 1908: 674.
*Conus everwijni* Martin – van der Vlerk, 1931: 213.
*Conus everwijni* Martin – Skwarko & Sufiati, 1994: v4.

Syntypes of *Conus Everwijni* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Upper Miocene (RGM 7632: 4 specimens); leg.: R.D.M. Verbeek (RGM 7633: 2 specimens).

The description was based on eight specimens.

### *Conus fenestratus* Martin, 1885

*Conus fenestratus* Martin, 1885: 55, pl. 4, fig. 56.
*Conus fenestratus* Martin – van der Vlerk, 1931: 213.
*Conus fenestratus* Martin – Skwarko & Sufiati, 1994: v5.

Holotype of *Conus fenestratus* Martin, 1885, leg.: P. van Dijk, loc.: Ci Longgan, strat.: Upper Miocene (RGM 7611). The specimen could not be located and is possibly lost.

### *Conus gembacanus* Martin, 1885

*Conus gembacanus* Martin, 1885: 49, pl. 4, fig. 49.
*Conus gembacanus* Martin – van der Vlerk, 1931: 213.
*Conus gembacanus* Martin – Skwarko & Sufiati, 1994: v5.

Syntypes of *Conus gembacanus* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7453: 2 specimens).

### *Conus gerthi* Pannekoek, 1936

*Conus gerthi* Pannekoek, 1936: 18, pl. 1, fig. 4.
*Conus gerthi* Pannekoek – Skwarko & Sufiati, 1994: v5.

Syntypes of *Conus gerthi* Pannekoek, 1936, leg.: Gonggrijp, loc.: Panowan River, Rembang, strat.: Rembang Formation, Lower Miocene (RGM 7651: 2 specimens, RGM 7652: 6 specimens).

### *Conus herklotsi* Martin, 1879

*Conus Herklotsi* Martin, 1879: 13, pl. 2, fig. 5.
*Conus herklotsi* Martin – van der Vlerk, 1931: 213.
*Conus herklotsi* Martin – Skwarko & Sufiati, 1994: v6.

Holotype of *Conus Herklotsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7638).

### *Conus hulshofi* Martin, 1906

*Conus Hulshofi* Martin, 1906: 290, pl. 42, figs. 695-697.
*Conus Hulshofi* Martin – Martin, 1912: 158.
*Conus hulshofi* Martin – van der Vlerk, 1931: 213.
*Conus hulshofi* Martin – Pannekoek, 1936: 19.
*Conus hulshofi* Martin – Skwarko & Sufiati, 1994: v6.

Syntypes of *Conus Hulshofi* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 7616: 2 specimens, RGM 7620: 4 specimens).

### *Conus ickei* Martin, 1906

*Conus Ickei* Martin, 1906: 289, pl. 42, fig. 692.
*Conus ickei* Martin – van der Vlerk, 1931: 213.
*Conus ickei* Martin – Skwarko & Sufiati, 1994: v7.

Holotype of *Conus Ickei* Martin, 1906, leg.: E.E.W.S. Schröder, loc.: Pelabuhanratu, strat.: Upper Miocene (RGM 7609).

### *Conus javanus* Martin, 1879

*Conus javanus* Martin, 1879: 11, pl. 2, fig. 3.
*Conus Javanus* Martin – Zwierzycki, 1915: 105.
*Conus javanus* Martin – van der Vlerk, 1931: 213.
*Conus javanus* Martin – Skwarko & Sufiati, 1994: v7.

Holotype of *Conus javanus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7621).

### *Conus junghuhni* Martin, 1879

*Conus Junghuhni* Martin, 1879: 11, pl. 2, fig. 12.
*Conus* cf. *Junghuhni* Martin – Martin, 1914: 330.
*Conus junghuhni* Martin – van der Vlerk, 1931: 214.
*Conus junghuhni* Martin – Skwarko & Sufiati, 1994: v7.

Holotype of *Conus Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7454).

### *Conus losariensis* Martin, 1895

*Conus losariensis* Martin, 1895: 18, pl. 2, fig. 34.
*Conus losariensis* Martin – van der Vlerk, 1931: 214.
*Conus losariensis* Martin – Skwarko & Sufiati, 1994: v8.

Syntypes of *Conus losariensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 7505: 1 specimen, RGM 7506: 1 specimen).

### *Conus madurensis* Martin, 1906

*Conus madurensis* Martin, 1906: 288, pl. 42, fig. 690.
*Conus madurensis* Martin – van der Vlerk, 1931: 214.
*Conus madurensis* Martin – Haanstra & Spiker, 1932: 1317.
*Conus madurensis* Martin – Skwarko & Sufiati, 1994: v8.

Holotype of *Conus madurensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gulukguluk (Madura), strat.: Miocene? (RGM 7556).

### *Conus ngavianus* Martin, 1895

*Conus ngavianus* Martin, 1895: 23, pl. 4, figs. 58-61.
*Conus ngavianus* Martin – Martin-Icke, 1911: 46.
*Conus ngavianus* Martin – Tesch, 1915: 21.
*Conus* cf. *ngavianus* Martin – Martin, 1916: 227.
*Conus ngavianus* Martin – Martin, 1928: 13.
*Conus ngavianus* Martin – Koperberg, 1931: 62.
*Conus ngavianus* Martin – van der Vlerk, 1931: 214.
*Conus ngavianus* Martin – Oostingh, 1938: 21.
*Conus ngavianus* Martin – Cox, 1948: 59, pl. 6, fig. 5.
*Conus ngavianus* Martin – MacNeil, 1960: 123.
*Conus ngavianus* Martin – Skwarko & Sufiati, 1994: v9.

Syntypes of *Conus ngavianus* Martin, 1895, collector unknown, loc.: Sonde, strat.: Pliocene (RGM 7605: 2 specimens); leg.: R.D.M. Verbeek (RGM 7603: 4 specimens, RGM 7604: 2 specimens, RGM 7606: 3 specimens); loc.: Tambak Batu, strat.: Upper Miocene (RGM 7607: 2 specimens).

The description was based on 17 specimens from Sonde and 1 fragment from Tambakbatu.

Skwarko & Sufiati (1994) indicated the Menengteng Gorge as type locality, which is incorrect. Martin (1895) described one specimen from the Menengteng Gorge, which he considered a variety.

### *Conus odengensis* Martin, 1895

*Conus odengensis* Martin, 1895: 19, pl. 3, figs. 39-44.
*Conus odengensis* Martin – Martin, 1911: 18.
*Conus odengensis* Martin – Martin, 1914: 330.
*Conus odengensis* Martin – Martin, 1919: 72.
*Conus odengensis* Martin – Martin, 1921: 448.
*Conus odengensis* Martin – Martin, 1928a: 13.
*Conus odengensis* – Martin, 1928b: 119.
*Conus odengensis* Martin – Martin, 1931: 2.
*Conus odengensis* Martin – van der Vlerk, 1931: 214.
*Conus odengensis* Martin – Haanstra & Spiker, 1932: 1314.
*Conus odengensis* Martin – Pannekoek, 1936: 5.
*Conus odengensis* Martin – Beets, 1941: 132.
*Conus* spec – Beets, 1941: 193.
*Conus* cf. *odengensis* Martin – Beets, 1941: 194.
*Conus odengensis* Martin – Beets, 1950h: 336.
*Conus odengensis* Martin – Beets, 1987a: 42.
*Conus odengensis* Martin – Skwarko & Sufiati, 1994: v10.

Syntypes of *Conus odengensis* Martin, 1895, leg.: R.D.M. Verbeek, unknown locality, strat.: Neogene (RGM 7540: 5 specimens); loc.: Ciodeng (RGM 7522: 4 specimens); collector unknown, strat.: Upper Miocene (RGM 7526: 1 specimen, RGM 7529: 4 specimens); leg.: R.D.M. Verbeek (RGM 7523: 7 specimens, RGM 7530: 4 specimens, RGM 7531: 6 specimens, RGM 7532: 5 specimens, RGM 7536: 1 specimen, RGM 7539: 1 specimen); collector unknown, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 7534: 8 specimens).

The description was based on 46 specimens from Odeng, 17 from Citalahab and 1 from Selatjay. A specimen from Mantheurih was tentatively assigned to this species. RGM 7540 was found in marls west of G. Boetak, Distr. Pamatan, Afd. Rembang, sheet I4.

### *Conus palabuanensis* Martin, 1895

*Conus palabuanensis* Martin, 1895: 16, pl. 2, fig. 26.
*Conus palabuanensis* Martin – Martin, 1919: 72.
*Conus palabuanensis* – Martin, 1928: 119.
*Conus palabuanensis* Martin – van der Vlerk, 1931: 214.
*Conus palabuanensis* Martin – Shuto, 1969: 219.
*Conus palabuanensis* Martin – Skwarko & Sufiati, 1994: v11.

Holotype of *Conus palabuanensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Upper Miocene (RGM 7487).

### *Conus parvulus* Martin, 1879

*Conus parvulus* Martin, 1879: 12, pl. 2, fig. 9.
*Conus parvulus* Martin – van der Vlerk, 1931: 214.

*Conus parvulus* Martin – Pannekoek, 1936: 19.
*Conus parvulus* Martin – Skwarko & Sufiati, 1994: v11.

Holotype of *Conus parvulus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7555).

Skwarko & Sufiati (1994) erroneously indicated that the type is in an Amsterdam collection (probably GI-UvA).

### *Conus querciniformis* Martin, 1885

*Conus querciniformis* Martin, 1885: 53, pl. 4, fig. 53.
*Conus querciniformis* Martin – van der Vlerk, 1931: 214.
*Conus querciniformis* Martin – Skwarko & Sufiati, 1994: v12.

Syntypes of *Conus querciniformis* Martin, 1885, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 7562: 3 specimens).

### *Conus rembangensis* Martin, 1906

*Conus rembangensis* Martin, 1906: 290, pl. 42, figs. 693-694.
*Conus rembangensis* Martin – van der Vlerk, 1931: 215.
*Conus rembangensis* Martin – Pannekoek, 1936: 20.
*Conus rembangensis* Martin – Skwarko & Sufiati, 1994: v12.

Syntypes of *Conus rembangensis* Martin, 1906, leg.: R.D.M. Verbeek, unknown locality, strat.: Rembang Formation, Lower Miocene (RGM 7613: 3 specimens, RGM 7615: 3 specimens); loc.: Gunung Butak (RGM 7612: 2 specimens, RGM 7614: 1 specimen).

The description was based on 10 specimens from Sedan and the Gunung Butak region. The labels of RGM 7613 and RGM 7615 do not indicate a locality, possibly these are the specimens from Sedan.

Skwarko & Sufiati indicated that the types are in an Amsterdam collection (probably GI-UvA), which is incorrect.

### *Conus scalaris* Martin, 1879

*Conus scalaris* Martin, 1879: 12, pl. 2, fig. 4.
*Conus scalaris* Martin – van der Vlerk, 1931: 215.
*Conus scalaris* Martin – Skwarko & Sufiati, 1994: v13.

Holotype of *Conus scalaris* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7622).

### *Conus sedanensis* Martin, 1906

*Conus sedanensis* Martin, 1906: 291, pl. 42, figs. 698-699.
*Conus sedanensis* Martin – van der Vlerk, 1931: 215.
*Conus sedanensis* Martin – Pannekoek, 1936: 20.
*Conus sedanensis* Martin – Skwarko & Sufiati, 1994: v13.

Syntypes of *Conus sedanensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 7623: 2 specimens).

### *Conus simoensis* Martin, 1906

*Conus simoënsis* Martin, 1906: 292, pl. 42, fig. 700.
*Conus simoënsis* Martin – van der Vlerk, 1931: 215.
*Conus simoensis* Martin – Skwarko & Sufiati, 1994: v13.

Holotype of *Conus simoënsis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Tambak Batu, strat.: Upper Miocene (RGM 7636).

### *Conus sindangbaranensis* Martin, 1906

*Conus sindangbaranensis* Martin, 1906: 287, pl. 42, fig. 688.
*Conus sindangbaranensis* Martin – van der Vlerk, 1931: 215.
*Conus sindangbaranensis* Martin – Skwarko & Sufiati, 1994: v13.

Holotype of *Conus sindangbaranensis* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7462).

### *Conus sondeianus* Martin, 1895

*Conus sondeianus* Martin, 1895: 14, pl. 1, figs. 16-17.
*Conus sondeianus* Martin – Tesch, 1915: 18.
*Conus Sondeianus* Martin – Zwierzycki, 1915: 105.
*Conus sondeianus* Martin – Fischer, 1927: 105.
*Conus sondeianus* Martin – van der Vlerk, 1931: 215.
*Conus sondeianus* Martin – Cox, 1948: 61.
*Conus sondeianus* Martin – MacNeil, 1960: 122.
*Conus sondeianus* Martin – Shuto, 1969: 217.
*Conus sondeianus* Martin – Shuto, 1975: 291.
*Conus sondeianus* Martin – Shuto, 1978: 109.
*Conus sondeianus* Martin – Skwarko & Sufiati, 1994: v14.

Syntypes of *Conus sondeianus* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 7447: 2 specimens, RGM 7449: 1 specimen); leg.: P. van Dijk, loc.: Yogyakarta, strat.: Neogene (RGM 7448: 1 specimen).

### *Conus sundaicus* Pannekoek, 1936

*Conus sundaicus* Pannekoek, 1936: 20, pl. 1, fig. 3.
*Conus sundaicus* Pannekoek – Skwarko & Sufiati, 1994: v15.

Holotype of *Conus sundaicus* Pannekoek, 1936, leg.: Gonggrijp, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 7650).

### *Conus tjidamarensis* Martin, 1879

*Conus tjidamarensis* Martin, 1879: 15, pl. 2, fig. 10.
*Conus tjidamarensis* Martin – van der Vlerk, 1931: 215.
*Conus tjidamarensis* Martin – Skwarko & Sufiati, 1994: v15.

Holotype of *Conus tjidamarensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7625).

## Family Turridae
## Subfamily Turrinae
## Genus *Turris*
## Subgenus *Turris* (*Turris*)
## *Turris* (*Turris*) *coronifera* (Martin, 1879)

*Pleurotoma coronifer* Martin, 1879: 61, pl. 11, fig. 2.
*Pleurotoma* (*Bemmula*) *coronifera* Martin var. – Boettger, 1883: 86.
*Pleurotoma coronifera* [sic] Martin – Martin, 1884: 58.
*Pleurotoma* (*s.str.*) *coronifera* Martin – Martin, 1895: 38.
*Turris* (*Turris*) *coronifer* (Martin) – Skwarko & Sufiati, 1994: u69.

Holotype of *Pleurotoma coronifer* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Tertiary (RGM 7876).

*Turris* (*Turris*) *pseudofascialis* (Martin, 1882)

*Pleurotoma pseudofascialis* Martin, 1882: 226, pl. 10, fig. 22.
*Pleurotoma* (*s.str.*) *pseudofascialis* Martin – Martin, 1895: 35.
*Pleurotoma pseudofascialis* Martin – van der Vlerk, 1931: 219.
*Turris pseudofascialis* Martin – Pannekoek, 1936: 23.
*Turris* (*Turris*) *pseudofascialis* (Martin) – Skwarko & Sufiati, 1994: u70.

Syntype of *Pleurotoma pseudofascialis* Martin, 1882, collector unknown, loc.: Ci Longgan, strat.: Miocene (RGM 7820: 1 specimen).

The description was based on two specimens.

Skwarko & Sufiati (1994) indicated an Amsterdam collection (presumably GI-UvA) as repository of the types, which is incorrect.

Subgenus *Turris* (*Hemipleurotoma*)
*Turris* (*Hemipleurotoma*) *ickei* (Martin, 1906)

*Pleurotoma* (*s. str.*) *Ickei* Martin, 1906: 293, pl. 43, fig. 703.
*Pleurotoma ickei* Martin – Martin, 1912: 158.
*Pleurotoma* aff. *ickei* Martin – Tesch, 1913: 163.
*Pleurotoma* (*Hemipleurotoma*) *ickei* Martin – Martin, 1928: 2.
*Pleurotoma ickei* Martin – van der Vlerk, 1931: 218.
*Pleurotoma* (*Hemipleurotoma*) *ickei* Martin – Wanner & Hahn, 1935: 242.
*Turris* (*Hemipleurotoma*) *ickei* Martin – Pannekoek, 1936: 24.
*Turris ickei* (Martin) – Shuto, 1977: 139.
*Turris ickei* Martin – Shuto, 1978: 107.
*Turris* (*Hemiplerotoma*) *ickei* (Martin) – Skwarko & Sufiati, 1994: u68.

Syntypes of *Pleurotoma* (*s. str.*) *Ickei* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Miocene (RGM 7824: 1 specimen, RGM 7828: 3 specimens).

The description was based on five specimens.

Subgenus unknown
*Turris albinoides* (Martin, 1885)

*Pleurotoma albinoides* Martin, 1885: 227, pl. 10, fig. 23.
*Pleurtoma* (*s.str.*) *albinoides* Martin – Martin, 1895: 36.
*Pleurotoma albinoides* Martin – Martin, 1911: 10.
*Pleurotoma albinoides* Martin – Martin, 1919: 74.
*Pleurotoma albinoides* Martin – Martin, 1921: 448.
*Pleurotoma albinoides* – Martin, 1928: 113.
*Pleurotoma albinoides* Martin – van der Vlerk, 1931: 218.
*Turris albinoides* (Martin, 1883) – Beets, 1987a: 41.
*Turris albinoides* (Martin) – Skwarko & Sufiati, 1994: u64.

Holotype of *Pleurotoma albinoides* Martin, 1885, collector unknown, loc.: Ci Longgan, strat.: Miocene (RGM 7831).

*Turris grissensis* (Martin, 1885)

*Pleurotoma grissensis* Martin, 1885: 59, pl. 4, fig. 59.
*Pleurotoma grissensis* Martin – van der Vlerk, 1931: 218.
*Turris grissensis* (Martin) – Skwarko & Sufiati, 1994: u65.

Holotype of *Pleurotoma grissensis* Martin, 1885, leg.: P. van Dijk, loc.: Gresik Borehole, strat.: Lower Miocene (RGM 7833).

*Turris sondeiana* (Martin, 1895)

*Pleurotoma* (*s. str.*) *sondeiana* Martin, 1895: 35, pl. 6, fig. 89.
*Pleurotoma sondeiana* Martin – Martin-Icke, 1911: 48.
*Pleurotoma* (*Hemipleurotoma*) *sondeiana* Martin – Martin, 1928: 12.
*Pleurotoma sondeiana* Martin – van der Vlerk, 1931: 219.
*Turris sondeiana* (Martin) – Skwarko & Sufiati, 1994: u67.

Holotype of *Pleurotoma* (*s. str.*) *sondeiana* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 7823).

Genus *Amuletum*
*Amuletum boettgeri* (Martin, 1914)

*Drillia Boettgeri* Martin, 1914: 122, pl. 2, figs. 43-44.
*Drillia boettgeri* Martin – van der Vlerk, 1931: 216.
*Amuletum boettgeri* (Martin) – Shuto, 1980: 34.
*Amuletum boettgeri* (Martin) – Skwarko & Sufiati, 1994: u41.

Syntypes of *Drillia Boettgeri* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 7930: 84 specimens); leg.: K. Martin, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7923: 2 specimens, RGM 7924: 10 specimens, RGM 7926: specimen was not located in NNM, RGM 7929: 14 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7928: 2 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7925: 12 specimens, RGM 47204: 6 specimens); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 7927: 1 specimen).

The description was based on 179 specimens.

Genus *Belophos*
*?Belophos pseudomelongena* (Martin, 1914)

*Genotia* (*Pseudotoma*) *pseudomelongena* Martin, 1914: 112, pl. 4, fig. 101.
*Genotia pseudomelongena* Martin – Martin, 1931: 9.
*Genotia pseudomelongena* Martin – van der Vlerk, 1931: 217.
*Belophos? pseudomelongena* (Martin) – Shuto, 1980: 38.
*Belephos? pseudomelongena* (Martin) – Skwarko & Sufiati, 1994: u42.

Lectotype of *Genotia* (*Pseudotoma*) *pseudomelongena* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7677).

Shuto (1980: 38) indicated RGM 7677 as the holotype, which counts as a lectotype selection.

Genus *Eosurcula*
*Eosurcula arntzenii* (Martin, 1914)

*Surcula* (*Apiotoma*) *arntzenii* Martin, 1914: 113, pl. 1, fig. 9.
*Surcula arntzenii* Martin – van der Vlerk, 1931: 219.
*Eosurcula arntzenii* (Martin) – Shuto, 1980: 26.
*Turricula arntzenii* (Martin) – Piccoli & Savazzi, 1983: 40.
*Eosurcula arntzenii* (Martin) – Skwarko & Sufiati, 1994: u43.

Lectotype of *Surcula* (*Apiotoma*) *arntzenii* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7802).

Shuto (1980: 26) indicated RGM 7802 as a holotype, which counts as a lectotype selection. Sample RGM 7806 also contains a cast. Specimen in breccia with *Hindsia nanggulanensis*.

*Eosurcula deningeri* (Martin, 1914)

*Surcula* (*Apiotoma*) *Deningeri* Martin, 1914: 113, pl. 1, fig. 10.

*Surcula deningeri* Martin – van der Vlerk, 1931: 219.
*Eosurcula deningeri* (Martin) – Shuto, 1980: 27.
*Turricula deningeri* (Martin) – Piccoli & Savazzi, 1983: 40.
*Eosurcula deningeri* (Martin) – Skwarko & Sufiati, 1994: u43.

Holotype of *Surcula* (*Apiotoma*) *Deningeri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7808).

## Genus *Gemmula*
## Subgenus *Gemmula* (*Gemmula*)
## *Gemmula* (*Gemmula*) *granosa woodwardi* (Martin, 1885)

*Pleurotoma concinna* – Woodward, 1879: 537; *non* Dunker.
*Pleurotoma Woodwardi* Martin, 1885: 56, pl. 4, fig. 57.
*Pleurotoma* (*s.str.*) *carinata* Gray var. *Woodwardi* Martin – Martin, 1895: 37.
*Pleurotoma* (*s.str.*) *carinata* Gray var. *woodwardi* Martin – Boettger, 1908: 674.
*Pleurotoma* (*s.str.*) *carinata* Gray var. *Woodwardi* Martin – Martin-Icke, 1911: 46.
*Pleurotoma* (*s.str.*) *carinata* Gray var – Martin, 1919: 74.
*Pleurotoma* (*s.str.*) *carinata* Gray var. *Woodwardi* Martin – Martin, 1926: 15.
*Pleurotoma* (*s.str.*) *carinata* Gray – Fischer, 1927: 34.
*Pleurotoma* (*s.str.*) *carinata* Gray prior *Woodwardi* Martin – Martin, 1928: 12.
*Pleurotoma carinata* Gray prior *Woodwardi* Martin – van der Vlerk, 1931: 218.
*Pleurotoma carinata* Gray – Haanstra & Spiker, 1932: 1096.
*Turris carinata woodwardi* (Martin) – Oostingh, 1935: 110.
*Turris carinata* Gray var. *woodwardi* Martin – Pannekoek, 1936: 23.
*Turris* (*Gemmula*) *granosa woodwardi* (Martin) – Oostingh, 1938: 27.
*Turris granosa woodwardi* (Martin) – Beets, 1950h: 335.
*Gemmula* (*Gemmula*) *granosa woodwardi* (Martin) – Beets, 1981a: 4.
*Gemmula* (*Gemmula*) *granosa woodwardi* (Martin) – Beets, 1983a: 7.
*Gemmula* (*Gemmula*) *granosa woodwardi* (Martin) – Beets, 1985c: 62.
*Gemmula* (*Gemmula*) *granosa woodwardi* (Martin) – Beets, 1987a: 40.
*Gemmula* (*Gemmula*) *granosa woodwardi* (Martin) – Skwarko & Sufiati, 1994: u71.

Syntypes of *Pleurotoma Woodwardi* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole II, 130 m, strat.: Upper Miocene (RGM 7937: 1 specimen); loc.: Ngembak, strat.: Miocene (RGM 7840: 1 specimen, RGM 7842: no specimens present).

The description was based on 14 specimens from Ngembak and Batavia Borehole II, 130 m, and a doubtful specimen from the Gresik Borehole (RGM 7936).

Skwarko & Sufiati (1994) indicated the Island of Nias as type locality, which is incorrect. They also indicated that part of the type material is stored in an Amsterdam collection (presumably GI-UvA) and in the IvA-UU (Utrecht), which is improbable.

## *Gemmula* (*Gemmula*) *imitatrix* (Martin, 1916)

*Pleurotoma coronifera* Martin – Martin, 1884: 58.
*Pleurotoma* (*s.str.*) *coronifera* Martin – Martin, 1895: 38.
*Pleurotoma karangensis* Martin (pars) – Martin, 1914: 330.
*Pleurotoma* (*Hemipleurotoma*) *imitatrix* Martin, 1916: 229, pl. 1, fig. 13.
*Pleurotoma imitatrix* Martin – Martin, 1919: 75.
*Pleurotoma* (*Hemipleurotoma*) *imitatrix* Martin – Martin, 1928.
*Pleurotoma imitatrix* Martin – van der Vlerk, 1931: 218.
*Turris* (*Gemmula*) *imitatrix* (Martin) – Oostingh, 1938: 28.
*Turris* (*Gemmula*) *imitatrix* (Martin) – Beets, 1941: 129.
*Gemmula* (*Gemmula*) *imitatrix* (Martin) – Beets, 1981a: 6.
*Gemmula* (*Gemmula*) *imitatrix* (Martin) – Beets, 1983b: 35.
*Gemmula* (*Gemmula*) *imitatrix* (Martin) – Beets, 1987a: 41.
*Gemmula* (*Gemmula*) *imitatrix* (Martin) – Skwarko & Sufiati, 1994: u72.

Syntypes of *Pleurotoma* (*Hemipleurotoma*) *imitatrix* Martin, 1916, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 7852: 1 specimen); leg.: P. van Dijk, loc.: Gresik Borehole I, 616-725 m, strat.: Neogene (RGM 7857: 3 specimens); leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7853: 1 specimen); loc.: Kembangsokah (RGM 7851: 2 specimens); leg.: P. van Dijk, loc.: Nanggulan, Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 7859: 3 specimens); loc.: Ngembak, strat.: Miocene (RGM 7856: 1 specimen). RGM 7859 is the specimen illustrated by Martin (1885, pl. 4, fig. 58) under the name *Pleurotoma coronifera*.

Skwarko & Sufiati tentatively indicated Selacau at Colongan as type locality. This is incorrect. Martin described the species on the basis of material from Kembang Sokkoh and included specimens from Nanggulan, Gunung Spolong and Ciangsana.

## *Gemmula* (*Gemmula*) *karangensis* (Martin, 1895)

*Pleurotoma* (*s. str.*) *karangensis* Martin, 1895: 36, pl. 6, fig. 90.
*Pleurotoma karangensis* Martin – Martin, 1914: 330.
*Pleurotoma* (*s.str.*) *karangensis* Martin – Tesch, 1915: 24.
*Pleurotoma* (*Hemipleurotoma*) *karangensis* Martin – Martin, 1921: 449.
*Pleurotoma karangensis* Martin – van der Vlerk, 1931: 218.
*Gemmula* (*Gemmula*) *karangensis* (Martin) – Beets, 1981b: 21.
*Gemmula* (*Gemmula*) *karangensis* (Martin) – Beets, 1987a: 41.
*Gemmula* (*Gemmula*) *karangensis* (Martin) – Skwarko & Sufiati, 1994: u73.

Syntypes of *Pleurotoma* (*s. str.*) *karangensis* Martin, 1895, collector unknown, loc.: between Cilintung and Ciangsana, strat.: Miocene (RGM 7836: 1 specimen, RGM 7839: 1 specimen).

Skwarko & Sufiati (1994) indicated Sonde as type locality. This is incorrect since Martin based his description on two specimens found between Cilintung and Angsana.

## Genus *Lophiotoma*
## *Lophiotoma carthausi* (Martin, 1914)

*Pleurotoma Carthausi* Martin, 1914: 119, pl. 1, fig. 32.
*Pleurotoma carthausi* Martin – van der Vlerk, 1931: 218.
*Lophiotoma carthausi* (Martin) – Shuto, 1980: 39.
*Lophiotoma carthausi* (Martin) – Skwarko & Sufiati, 1994: u76.

Lectotype of *Pleurotoma Carthausi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7860). Shuto (1980: 39) indicated RGM 7861 as the holotype. This is clearly a misspelling of RGM 7860, since Shuto refers to Martin's illustration 32 for the holotype, and consideres RGM 7861 (fig. 33) as a 'paratype'. Therefore we consider RGM 7860 the lectotype of the species.

## *Lophiotoma indica* (Roeding, 1798)

*Pleurotoma* (*s. str.*) *gedinganensis* Martin, 1895: 32, pl. 5, figs. 79-80.

*Pleurotoma* (*s. str.*) *odengensis* Martin, 1895: 33, pl. 5, figs. 85-86, pl. 6, fig. 87.
*Pleurotoma gedinganensis* Martin – Martin-Icke, 1911: 46.
*Pleurotoma gedinganensis* Martin – Tesch, 1913: 163.
*Pleurotoma* (*s.str*) *gedinganensis* Martin – Tesch, 1915: 23.
*Pleurotoma gedinganensis* Martin – Staub, 1916: 129.
*Pleurotoma gedinganensis* Martin – Martin, 1926: 15.
*Pleurotoma gedinganensis* Martin – Fischer, 1927: 34.
*Pleurotoma gedinganensis* – Martin, 1928: 120.
*Pleurotoma odengensis* Martin – Martin, 1928: 120.
*Pleurotoma gedinganensis* Martin – Siemon, 1929: 33.
*Pleurotoma gedinganensis* Martin – van der Vlerk, 1931: 218.
*Pleurotoma odengensis* Martin – van der Vlerk, 1931: 219.
*Gemmula* (*Unedogemmula*) *gedinganensis* (Martin)in Shuto, 1969: 184.
*Gemmula* (*Unedogemmula*) *gedinganensis* (Martin) – Shuto, 1977: 135.
*Gemmula* (*Unedogemmula*) *gedinganensis* (Martin) – Shuto, 1978: 104.
*Lophiotoma indica* (Roeding) – Skwarko & Sufiati, 1994: u77.

Syntypes of *Pleurotoma* (*s. str.*) *gedinganensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 7812: 2 specimens); loc.: Menengteng Gorge, Waled, Ceribon (RGM 7814: 4 specimens); collector unknown, loc.: Sonde (RGM 7811: 1 specimen); leg.: R.D.M. Verbeek (RGM 7810: 3 specimens, RGM 7813: 4 specimens).

The description was based on 22 specimens from various localities.

Syntypes of *Pleurotoma* (*s. str.*) *odengensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Pliocene (RGM 7818: 4 specimens).

### Genus *Lyrosurcula*
### *Lyrosurcula buxtorfi* (Martin, 1914)

*Surcula Buxtorfi* Martin, 1914: 114, pl. 1, figs. 11-12.
*Surcula buxtorfi* Martin – van der Vlerk, 1931: 219.
*Lyrosurcula buxtorfi* (Martin) – Shuto, 1980: 28.
*Turricula boxforti* (Martin) – Piccoli & Savazzi, 1983: 40.
*Lyrosurcula buxtorfi* (Martin) – Skwarko & Sufiati, 1994: u44.

Lectotype of *Surcula Buxtorfi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7720). Sample contains 11 specimens, among which the specimen, illustrated by Martin, which is the lectotype. The specimen(s) of sample RGM 7722 could not be located in the NNM collections. Shuto (1980: 28) indicated RGM 7720 as holotype, which counts as a lectotype selection.

### Genus *Pentagoniturricula*
### *Pentagoniturricula permodesta* (Martin, 1914)

*Surcula permodesta* Martin, 1914: 118, pl. 1, fig. 27.
*Surcula permodesta* Martin – van der Vlerk, 1931: 220.
*Pentagoniturricula permodesta* (Martin) – Shuto, 1980: 39.
*Turricula permodesta* (Martin) – Piccoli & Savazzi, 1983: 40.
*Pentagoniturricula permodesta* (Martin) – Skwarko & Sufiati, 1994: u46.

Holotype of *Surcula permodesta* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7799).

### Genus *Pleurofusia*
### *Pleurofusia mertoni* (Martin, 1914)

*Surcula Mertoni* Martin, 1914: 115, pl. 1, figs. 14-15.
*Surcula mertoni* Martin – van der Vlerk, 1931: 220.
*Pleurofusia mertoni* (Martin) – Shuto, 1980: 33.
*Turricula mertoni* (Martin) – Piccoli & Savazzi, 1983: 40.
*Pleurofusia mertoni* (Martin) – Skwarko & Sufiati, 1994: u43.

Lectotype of *Surcula Mertoni* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7725).

Shuto (1980: 34) indicated RGM 7725 as the holotype, which counts as a lectotype selection.

Skwarko & Sufiati (1994) incorrectly indicated St. J 1221 (at NNM), as paratype. This specimen is part of the Bandung collection, and is not part of the type series.

### *Pleurofusia mordax* (Martin, 1914)

*Surcula mordax* Martin, 1914: 116, pl. 1, fig. 18.
*Surcula mordax* var. *cuspidata* Martin, 1914: 117, pl. 1, fig. 22.
*Surcula mordax* Martin – van der Vlerk, 1931: 220.
*Pleurofusia mordax* (Martin) – Shuto, 1980: 33.
*Turricula mordax* (Martin) – Piccoli & Savazzi, 1983: 40.
*Pleurofusia mordax* (Martin) – Skwarko & Sufiati, 1994: u44.

Syntypes of *Surcula mordax* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7737: 3 specimens).

Syntypes of *Surcula mordax* var. *cuspidata* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 47231: 1 specimen); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7736: 1 specimen).

Shuto (1980: 33) indicated RGM 7738 as the holotype, which counts as a lectotype selection. The lectotype could not be located in the NNM collections.

This taxon was not listed by Skwarko & Sufiati (1994).

## Subfamily Borsoniinae
### Genus *Borsonia*
### *Borsonia rembangensis* Pannekoek, 1936

*Borsonia rembangensis* Pannekoek, 1936: 15, pl. 1, fig. 1.
*Borsonia rembangensis* Pannekoek – Skwarko & Sufiati, 1994: u16.

Syntypes of *Borsonia rembangensis* Pannekoek, 1936, leg.: H. Martin-Icke, loc.: Ngampel, strat.: Rembang Formation, Lower Miocene (RGM 7879: 2 specimens).

### Genus *Asthenotoma*
### *Asthenotoma perlonga* (Martin, 1885)

*Mitra perlonga* Martin, 1885: 93, pl. 5, fig. 93.
*Asthenotoma perlonga* Martin – van der Vlerk, 1931: 212.
*Mitra perlonga* Martin – Skwarko & Sufiati, 1994: s15.
*Asthenotoma perlonga* Martin – Skwarko & Sufiati, 1994: u13.

Holotype of *Mitra perlonga* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7882).

Skwarko & Sufiati (1994) listed this species under the names *Mitra perlonga* and *Asthenotoma perlonga*. They incorrectly indicated P. J5182 (GRDI collection, Bandung) as the type.

### *Asthenotoma tobleri* Martin, 1914

*Asthenotoma Tobleri* Martin, 1914: 121, pl. 1, figs. 35-36.

*Asthenotoma tobleri* Martin – van der Vlerk, 1931: 212.
*Asthenotoma tobleri* Martin – Shuto, 1980: 44.
*Asthenotoma tobleri* Martin – Piccoli & Savazzi, 1983: 41.
*Asthenotoma tobleri* Martin – Skwarko & Sufiati, 1994: u14.

Lectotype of *Asthenotoma Tobleri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7884). Shuto (1980: 44) indicated RGM 7884, the specimen illustrated by Martin (1914, pl. 1, fig. 35) as the holotype, which counts as a lectotype selection.

Genus *Bathytoma*
Subgenus *Bathytoma* (*Micantaplex*)
*Bathytoma* (*Micantaplex*) *herklotsi* (Martin, 1879)

*Pleurotoma Herklotsi* Martin, 1879: 61, pl. 9, fig. 1.
*Pleurotoma* (*Dolichotoma*) *ornatissima* Martin, 1885: 69, pl. 4, fig. 71.
*Pleurotoma* (*Dolichotoma*) *Herklotsi* Martin – Tesch, 1913: 163.
*Pleurotoma* (*Dolichotoma*) *Herklotsi* Martin – Tesch, 1915: 35.
*Genota* (*Bathytoma*) *herklotsi* (Martin) – Oostingh, 1938: 29.
*Bathytoma herklotisi* (Martin) – Shuto, 1977: 135.
*Bathytoma herklotisi* (Martin) – Shuto, 1978: 107.
*Bathytoma* (*Micantapex*) *herklotsi* (Martin) – Robba et al., 1989: 90.
*Bathytoma* (*Micantapex*) *herklotsi* (Martin) – Skwarko & Sufiati, 1994: u15.

Holotype of *Pleurotoma Herklotsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7881).

Holotype of *Pleurotoma* (*Dolichotoma*) *ornatissima* Martin, 1885, leg.: P. van Dijk, loc.: ? Ngembak, strat.: Upper Miocene (RGM 7880).

Skwarko & Sufiati (1994) incorrectly stated that the type is in the Geological Department ITB in Bandung.

Genus *Domanginella*
*Domanginella elberti* (Martin, 1914)

*Asthenotoma Elberti* Martin, 1914: 121, pl. 1, fig. 34.
*Asthenotema elberti* Martin – van der Vlerk, 1931: 212.
*Domanginella elberti* (Martin) – Shuto, 1980: 42.
*Asthenotema elberti* Martin – Piccoli & Savazzi, 1983: 41.
*Domanginella elberti* (Martin) – Skwarko & Sufiati, 1994: u17.

Lectotype of *Asthenotoma Elberti* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7883).

Shuto (1980: 42) indicated RGM 7883 as the holotype, which counts as a lectotype selection.

Genus *Glyptotoma*
*Glyptotoma volzi* (Martin, 1914)

*Borsonia* (*Cordieria*) *Volzi* Martin, 1914: 120, pl. 2, figs. 39-40.
*Borsonia volzi* Martin – van der Vlerk, 1931: 212.
*Glyptotoma volzi* (Martin) – Shuto, 1980: 42.
*Borsonia volzi* Martin – Piccoli & Savazzi, 1983: 41.
*Glyptotoma volzi* (Martin) – Skwarko & Sufiati, 1994: u18.

Lectotype of *Borsonia* (*Cordieria*) *Volzi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7878).

Sample 7878 contains two specimens: the lecto- and a paralectotype. Shuto (1980: 42) indicated the specimen illustrated by Martin (1914, Pl. 2, fig. 39) as the holotype, which counts as a lectotype selection. He misspelled RGM 7879 for St. 7878.

Genus *Scobinella*
*Scobinella cossmanni* (Martin, 1914)

*Borsonia* (*Cordieria*) *Cossmanni* Martin, 1914: 120, pl. 2, figs. 37-38.
*Borsonia cossmanni* Martin – van der Vlerk, 1931: 212.
*Scobinella cossmanni* (Martin) – Shuto, 1980: 40.
*Borsonia cossmanni* Martin – Piccoli & Savazzi, 1983: 41.
*Scobinella cossmanni* (Martin) – Skwarko & Sufiati, 1994: u18.

Lectotype of *Borsonia* (*Cordieria*) *Cossmanni* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7877).

Shuto (1980: 40) assigned RGM 7877, the specimen illustrated by Martin (1914, pl. 2, fig. 37) as the holotype, which counts as a lectotype selection. The other specimen of this sample (fig. 38) is therefore a paralectotype.

Subfamily Clavatulinae
Genus *Clavatula*
Subgenus *Clavatula* (*Alticlavatula*)
*Clavatula* (*Alticlavatula*) *djocdjocartae* (Martin, 1885)

*Pleurotoma* (*Drillia*) *Djocdjocartae* Martin, 1885: 66, pl. 4, fig. 69.
*Pleurotoma* (*Clavatula*) *Djocdjocartae* Martin – Martin, 1895: 46.
*Pleurotoma* (*Clavatula*) *Djocdjocartae* Martin – Tesch, 1913: 163.
*Pleurotoma* (*Drillia*) *djocdjocartae* – Zwierzycki, 1915: 127.
*Pleurotoma djocdjocartae* Martin – Martin, 1916: 231.
*Pleurotoma* (*Hemipleurotoma*) *djocdjocartae* Martin – Martin, 1928: 12.
*Pleurotoma djocdjocartae* Martin – Martin, 1929: 52 (?).
*Pleurotoma djocdjocartae* Martin – van der Vlerk, 1931: 218.
*Clavatula* (*Alticlavatula*) *djodjocartae* (Martin) – Skwarko & Sufiati, 1994: u22.

Holotype of *Pleurotoma* (*Drillia*) *Djocdjocartae* Martin, 1885, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Miocene (RGM 7679).

Subfamily Conorbinae
Genus *Genota*
*Genota jogjacartensis* Martin, 1914

*Genotia* (*s. str.*) *jogjacartensis* Martin, 1914: 111, pl. 1, figs. 6-7.
*Genotia jogjacartensis* Martin – van der Vlerk, 1931: 217.
*Genota jogjacartensis* (Martin) – Shuto, 1980: 44.
*Genota jogjacartensis* (Martin) – Piccoli & Savazzi, 1983: 40.
*Genota jogjacartensis* Martin – Skwarko & Sufiati, 1994: u18.

Lectotype of *Genotia* (*s. str.*) *jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7672).

The description was based on thirty specimens from Kali Puru and two from Kali Songo. Shuto (1980: 44) indicated RGM 7884, the specimen illustrated by Martin (1914, Pl. 2, fig. 6) as the holotype, which counts as a lectotype selection.

Subfamily Crassispirinae
Genus *Crassispira*
*Crassispira molengraaffi* (Martin, 1916)

*Drillia* (*s. str.*) *Molengraaffi* Martin, 1916: 230, pl. 1, fig. 14.
*Drillia Molengraaffi* – Martin, 1928: 121.
*Drillia molengraaffi* Martin – van der Vlerk, 1931: 217.

*Drillia molengraaffi* Martin – Pannekoek, 1936: 23.
*Inquisitor* (*Inquisitor*) *molengraaffi* (Martin) – Shuto, 1969: 198.
*Crassispira molengraafi* [sic] (Martin) – Shuto, 1977: 134.
*Crassispira molengraaffi* (Martin) – Skwarko & Sufiati, 1994: u31.

Holotype of *Drillia* (*s. str.*) *Molengraaffi* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7920).

Skwarko & Sufiati (1994) incorrectly assumed that the type is in an Amsterdam collection.

*Crassispira tjemoroensis* (Martin, 1906)

*Pleurotoma* (*Drillia*) *tjemoroënsis* Martin, 1906: 295, pl. 43, fig. 705.
*Pleurotoma tjemoroensis* Martin – Zwierzycki, 1915: 127.
*Drillia tjemoroënsis* Martin – van der Vlerk, 1931: 217.
*Clavus* (*Crassispira*) *tjemoroensis* (Martin) – Oostingh, 1938: 38.
*Inquisitor* (*Inquisitor*) *tjemoroensis* (Martin) – Shuto, 1969: 199.
*Crassispira tjemoroensis* (Martin) – Shuto, 1977: 135.
*Crassispira tjemoroensis* (Martin) – Skwarko & Sufiati, 1994: u31.

Holotype of *Pleurotoma* (*Drillia*) *tjemoroënsis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Kali Cemoro, strat.: Upper Miocene (RGM 7913).

Subfamily Drilliinae
Genus *Drillia*
*Drillia continuecostata* Martin, 1914

*Drillia continuecostata* Martin, 1914: 122, pl. 2, figs. 41-42.
*Drillia continuecostata* Martin – van der Vlerk, 1931: 216.
*Drillia continuecostata* Martin – Skwarko & Sufiati, 1994: u2.

Lectotype of *Drillia continuecostata* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7921). Sample RGM 7921 contains 2 specimens among which the lectotype, the other is a paralectotype.

The description was based on 15 specimens. Shuto (1980: 37) indicated RGM 1921 (a misspelling for 7921, as he refers to illustration 42 by Martin as the holotype, which counts as a lectotype selection.

*Drillia inexspectata* (Martin, 1895)

*Pleurotoma* (*Drillia*) *inexspectata* Martin, 1895: 44, pl. 7, fig. 109.
*Pleurotoma* (*Drillia*) *inexspectata* Martin – Tesch, 1915: 33.
*Drillia inexspectata* Martin – van der Vlerk, 1931: 216.
*Drillia inexspectata* Martin – Skwarko & Sufiati, 1994: u3.

Holotype of *Pleurotoma* (*Drillia*) *inexspectata* Martin, 1895, leg.: P. van Dijk, loc.: Gresik Borehole, 725-736 m, strat.: Lower Miocene (RGM 7914).

*Drillia martini* Cossmann, 1896

*Pleurotoma* (*Drillia*) *nodosa* Martin, 1885: 68, pl. 5, fig. 72.
*Drillia martini* nom. nov. pro *Pleurotomia* (*Drilllia*) *nodosa* Martin non Bell – Cossmann, 1896: 84.
*Pleurotoma* (*Drillia*) *nodosa* Martin – Tesch, 1915: 33.
*Drillia martini* (Martin) Cossmann – Skwarko & Sufiati, 1994: u3.

Holotype of *Pleurotoma* (*Drillia*) *nodosa* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7916).

*Drillia nangulanensis* (Martin, 1895)

*Pleurotoma* (*Drillia*) *nangulanensis* Martin, 1895: 45, pl. 7, fig. 110.
*Drillia nanggulanensis* [sic] Martin – van der Vlerk, 1931: 217.
*Drillia nangulanensis* Martin – Skwarko & Sufiati, 1994: u4.

Holotype of *Pleurotoma* (*Drillia*) *nangulanensis* Martin, 1895, leg.: P. van Dijk, loc.: Nanggulan, Yogyakarta, strat.: Lower Miocene (RGM 7915).

Skwarko & Sufiati (1994) indicated an Early Eocene age for this species, which is probably erroneous.

*Drillia palabuanensis* (Martin, 1906)

*Pleurotoma* (*Drillia*) *palabuanensis* Martin, 1906: 294, pl. 42, fig. 704.
*Drillia palabuanensis* Martin – Martin, 1921: 449.
*Drillia palabuanensis* Martin – Martin, 1928: 12.
*Drillia palabuanensis* Martin – van der Vlerk, 1931: 217.
*Drillia palabuanensis* Martin – Skwarko & Sufiati, 1994: u4.

Holotype of *Pleurotoma* (*Drillia*) *palabuanensis* Martin, 1906, leg.: E.E.W.S. Schröder, loc.: Pelabuhanratu, strat.: Miocene (RGM 7888).

*Drillia sangiranensis* (Martin, 1906)

*Pleurotoma* (*Drillia*) *sangiranensis* Martin, 1906: 295, pl. 43, fig. 706.
*Drillia sangiranensis* Martin – van der Vlerk, 1931: 217.
*Drillia sangiranensis* Martin. – Skwarko & Sufiati, 1994: u5.

Holotype of *Pleurotoma* (*Drillia*) *sangiranensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Sangiran in Boyolali, strat.: Upper Miocene (RGM 7917).

Genus *Clavus*
Subgenus *Clavus* (*Clavus*)
*Clavus* (*Clavus*) *tjibaliungensis* (Martin, 1895)

*Pleurotoma* (*Surcula*) *tjibaliungensis* Martin, 1895: 32, pl. 5, fig. 78.
*Pleurotoma* (*Surcula*) *tjibaliungensis* Martin – Martin-Icke, 1911: 46.
*Pleurotoma* (*Surcula*) *tjibaliungensis* Martin – Tesch, 1915: 30.
*Drillia serena* – Fischer, 1927: 97, pl. 214(3) fig. 76.
*Drillia* spec. 1 – Martin, 1928: 12.
*Surcula tjibaliungensis* Martin – van der Vlerk, 1931: 220.
*Clavus* (*Clavus*) *tjibaliungensis* (Martin) – Oostingh, 1938: 31.
*Clavus tjibaliungensis* (Martin) – Cox, 1948: 55, pl. 5, fig. 7a,b.
*Clavus* (*Clavus*) *tjibaliungensis* (Martin) – Skwarko & Sufiati, 1994: u27.

Syntypes of *Pleurotoma* (*Surcula*) *tjibaliungensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 7716: 1 specimen, RGM 7717: 1 specimen).

Skwarko & Sufiati (1994) incorrectly indicated P.J 5185 and J5186 of the GRDC collection in Bandung as the types.

Subgenus *Clathodrillia*
*Clavus* (*Clathodrillia*) *bantamensis* (Martin, 1895)

*Pleurotoma* (*Surcula*) *bantamensis* Martin, 1895: 28, pl. 5, figs. 72-73.
*Surcula bantamensis* Martin – Martin, 1928: 12.
*Surcula bantamensis* Martin – van der Vlerk, 1931: 219.
*Clavus* (*Clathodrillia*) *bantamensis* (Martin) – Oostingh, 1938: 35.
*Clavus* (*Clathodrillia*) *bantamensis* (Martin) – Skwarko & Sufiati, 1994: u24.

Syntypes of *Pleurotoma* (*Surcula*) *bantamensis* Martin,

1895, leg.: R.D.M. Verbeek, loc.: Ci Manceuri, strat.: Pliocene (RGM 7693: 2 specimens, RGM 7695: 1 specimen); loc.: Cikeusik (RGM 7694: 1 specimen).

Skwarko & Sufiati (1994) indicated Manceurich river as type locality.

The description, however, was also based on a specimen from Cikeusik.

*Clavus* (*Clathodrillia*) *losariensis* (Martin, 1895)

*Pleurotoma* (*Drillia*) *losariensis* Martin, 1895: 40, pl. 6, fig. 99.
*Drillia losariensis* Martin – Martin, 1919: 75.
*Drillia losariensis* Martin – Martin, 1926: 15.
*Drillia losariensis* Martin – Martin, 1928: 12.
*Drillia losariensis* Martin – van der Vlerk, 1931: 216.
*Drillia losariensis* (Martin) – Oostingh, 1935: 111.
*Drillia losariensis* Martin – Pannekoek, 1936: 22.
*Clavus* (*Clathodrillia*) *losariensis* (Martin) – Oostingh, 1938: 35.
*Pleurotoma* (*Drillia*) *losariensis* Martin – Shuto, 1969: 195.
*Clavus* (*Clathodrillia*) *losariensis* (Martin) – Skwarko & Sufiati, 1994: u26.

Syntypes of *Pleurotoma* (*Drillia*) *losariensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Manceuri, strat.: Pliocene (RGM 7894: 9 specimens, RGM 7896: 1 specimen); loc.: Cikeusik (RGM 7893: 3 specimens, RGM 7897: 2 specimens); loc.: Menengteng Gorge, Waled, Ceribon (RGM 7892: 1 specimen).

Genus *Inquisitor*
Subgenus *Inquisitor* (*Ptychobela*)
*Inquisitor* (*Ptychobela*) *neglectus* (Martin, 1895)

*Pleurotoma* (*Drillia*) *interrupta* Lamarck var. (pars) – Martin, 1884: 65.
*Pleurotoma* (*Drillia*) *neglecta* Martin, 1895: 42, pl. 7, fig. 106.
*Pleurotoma neglecta* Martin – Martin, 1911: 19.
*Drillia neglecta* Martin – van der Vlerk, 1931: 217.
*Inquisitor* (*Ptychobela*) *neglectus* (Martin). – Shuto, 1969: 195.
*Inquisitor* (*Ptychobela*) *neglecta* (Martin). – Skwarko & Sufiati, 1994: u30.

Syntypes of *Pleurotoma* (*Drillia*) *neglecta* Martin, 1895, leg.: P. van Dijk, loc.: Nanggulan, Yogyakarta, strat.: Lower Miocene (RGM 7902: 1 specimen); loc.: Ngembak (RGM 7904: 2 specimens).

Skwarko & Sufiati (1994) indicated Ngembak as type locality. However, Martin (1895) also described and illustrated material from Yogyacarta.

Subgenus unknown
*Inquisitor batavianus* (Martin, 1895)

*Pleurotoma* (*Drillia*) *interrupta* Lamarck var. (pars) – Martin, 1884: 65.
*Pleurotoma* (*Drillia*) *bataviana* Martin, 1895: 43, pl. 7, fig. 108.
*Drillia bataviana* Martin – Schepman, 1907: 160.
*Pleurotoma* (*Drillia*) *bataviana* Martin – Tesch, 1915: 31.
*Drillia* aff. *bataviana* Martin – Fischer, 1927: 96.
*Drillia bataviana* Martin – van der Vlerk, 1931: 216.
*Inquisitor batavianus* (Martin) – Shuto, 1977: 135.
*Inquisitor* (*Inquisitor*) *batavianus* (Martin) – Shuto, 1978: 108.
*Inquisitor batavianus* (Martin) – Robba et al., 1989: 91.
*Inquisitor bataviana* (Martin) – Skwarko & Sufiati, 1994: u28.

Syntypes of *Pleurotoma* (*Drillia*) *bataviana* Martin, 1895, leg.: P. van Dijk, loc.: Batavia Borehole I, 105 m, strat.: Upper Miocene (RGM 7908: 2 specimens); collector unknown, loc.: Sonde, strat.: Pliocene (RGM 7911: 1 specimen); leg.: R.D.M. Verbeek (RGM 7907: 1 specimen, RGM 7912: 1 specimen). RGM 7908 is the specimen illustrated by Martin (1895, pl. 7, fig. 108).

Genus *Javaclavus*
*Javaclavus martini* Shuto, 1980

*Javaclavus martini* Shuto, 1980: 46, fig. 2.
*Javaclavus martini* Shuto – Skwarko & Sufiati, 1994: u28.

Holotype of *Javaclavus martini* Shuto, 1980, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7931).

This specimen was illustrated by Martin (1914, pl. 2, fig. 48), as *Drillia sultani*, of which species it is a paralectotype. RGM 7931 contains a second specimen, which is the lectotype of *Drillia sultani* Martin, 1914.

Genus *Microdrillia*
Subgenus *Microdrillia* (*Pulsarella*)
*Microdrillia* (*Pulsarella*) *madiunensis* (Martin, 1906)

*Pleurotoma* (*Drillia*) *madiunensis* Martin, 1906: 296, pl. 43, fig. 707.
*Drillia madiunensis* Martin – van der Vlerk, 1931: 216.
*Microdrillia* (*Pulsarella*) *madiunensis* (Martin) – Skwarko & Sufiati, 1994: u9.

Holotype of *Pleurotoma* (*Drillia*) *madiunensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 7918).

Subfamily Mangeliinae
Genus *Mangelia*
Subgenus *Mangelia* (*Glyphostoma*)
*Mangelia* (*Glyphostoma*) *angsanana* Martin, 1921

*Mangilia* (*Glyphostoma*) *angsanana* Martin, 1921: 450, pl. 58, fig. 16.
*Mangilia angsanana* Martin – van der Vlerk, 1931: 217.
*Mangilia* (*Glyphostoma*) *angsanana* Martin – Skwarko & Sufiati, 1994: u37.

Holotype of *Mangilia* (*Glyphostoma*) *angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 7952).

Subgenus unknown
*Mangelia oblivia* (Martin, 1895)

*Pleurotoma* (*Mangelia*) *oblivia* Martin, 1895: 46, pl. 7, fig. 111.
*Mangilia oblivia* Martin – van der Vlerk, 1931: 217.
*Mangilia oblivia* Martin – Skwarko & Sufiati, 1994: u37.

Holotype of *Pleurotoma* (*Mangelia*) *oblivia* Martin, 1895, leg.: P. van Dijk, loc.: Batavia Borehole III, 130 m, strat.: Pliocene (RGM 7944).

Genus *Daphnella*
*Daphnella fragillissima* (Martin, 1885)

*Pleurotoma* (*Daphnella*) *fragillissima* Martin, 1885: 70, pl. 5, fig. 73.
*Daphnella fragillissima* Martin – van der Vlerk, 1931: 216.
*Daphnella fragillissima* Martin – Skwarko & Sufiati, 1994: u34.

Holotype of *Pleurotoma* (*Daphnella*) *fragillissima* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7953).

Genus *Fusiclathurella*
*Fusiclathurella thersites* (Martin, 1914)

*Mangilia* (*Clathurella*) *thersites* Martin, 1914: 125, pl. 1, fig. 28.
*Mangilia thersites* Martin – van der Vlerk, 1931: 217.
*Fusciclathurella thersites* (Martin) – Shuto, 1980: 48.
*Fusciclathurella thersites* (Martin) – Skwarko & Sufiati, 1994: u36.

Lectotype of *Mangilia* (*Clathurella*) *thersites* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7946).

The description was based on 15 specimens. Shuto (1980: 48) indicated RGM 7946 as the holotype, which counts as a lectotype selection.

Genus *Tritonimangilia*
*Tritonimangilia varicifera* (Martin, 1914)

*Mangilia* (*Tritonimangilia*) *varicifera* Martin, 1914: 126, pl. 2, fig. 54.
*Mangilia varicifera* Martin – van der Vlerk, 1931: 218.
*Tritonimangilia varicifera* Martin – Shuto, 1980: 48.
*Mangelia varicifera* Martin – Piccoli & Savazzi, 1983: 41.
*Tritonimangilia varicifera* Martin – Skwarko & Sufiati, 1994: u40.

Lectotype of *Mangilia* (*Tritonimangilia*) *varicifera* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7951). Shuto (1980: 48) indicated RGM 7951 as the holotype, which counts as a lectotype selection.

Subfamily Turriculinae
Genus *Turricula*
Subgenus *Turricula* (*Turricula*)
*Turricula* (*Turricula*) *deningeri* Martin, 1916

*Turricula* (*s. str.*) *deningeri* Martin, 1916: 238, pl. 2, fig. 33.
*Turricula deningeri* Martin – van der Vlerk, 1931: 227.
*Turricula deningeri* Martin – Piccoli & Savazzi, 1983: 40.
*Turricula* (*Turricula*) *deningeri* Martin – Skwarko & Sufiati, 1994: u60.

Holotype of *Turricula* (*s. str.*) *deningeri* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 8963).

*Turricula* (*Turricula*) *javana tegalensis* (Martin, 1895)

*Pleurotoma* (*Surcula*) *nodifera* var – Martin, 1884: 61.
*Pleurotoma* (*Surcula*) *nodifera* var. *tegalensis* Martin, 1895: 28, pl. 4, fig. 70; pl. 5, fig. 71.
*Pleurotoma* (*Surcula*) *nodifera* Lamarck var. *tegalensis* Martin – Icke & Martin, 1907b: 214.
*Pleurotoma* (*Surcula*) *nodifera* Lamarck – Tesch, 1915: 28.
*Surcula nodifera* Lamarck var – Martin, 1919: 73.
*Surcula nodifera* – van der Meer-Mohr, 1923: 126.
*Surcula nodifera* Lamarck var – Martin, 1928: 12.
*Surcula nodifera* Lamarck var – Siemon, 1929: 40.
*Surcula nodifera* Lamarck – van der Vlerk, 1931: 220.
*Surcula nodifera* Lamarck – Haanstra & Spiker, 1932: 1313.
*Surcula javana* Lamarck – Martin, 1932: 115.
*Clavatula* (*Surcula*) *javana tegalensis* (Martin) – Oostingh, 1935: 108.
*Turricula* (*Turricula*) *javana tegalensis* (Martin) – Oostingh, 1938: 25.
*Pleurotoma nodifera* Lamarck var. Martin – Shuto, 1969: 190.
*Turricula* (*Surcula*) *javana* (Linnaeus) – Shuto, 1978: 108.
*Turricula* (*Turricula*) *javana tegalensis* (Martin) – Skwarko & Sufiati, 1994: u60.

Syntypes of *Pleurotoma* (*Surcula*) *nodifera* var. *tegalensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Pangkah, strat.: Neogene (RGM 7690: 2 specimens).

Skwarko & Sufiati (1994) indicated 'Batavia Borehole at 180m, Jawa' as type locality. This is incorrect. Martin based his description on three specimens from Tegal. He referred to the specimen from the Batavia Borehole, but at the time considered this specimen as a different variety: var. *tegalensis*.

*Turricula* (*Turricula*) *wanneri* (Martin, 1914)

*Surcula Wanneri* Martin, 1914: 118, pl. 1, figs. 25-26.
*Surcula wanneri* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Turricula*) *wanneri* (Martin) – Shuto, 1980: 30.
*Turricula* (*Turricula*) *wanneri* (Martin) – Skwarko & Sufiati, 1994: u61.

Lectotype of *Surcula Wanneri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7796).

Shuto (1980: 30) indicated RGM 7796 as holotype, which counts as a lectotype selection.

Subgenus *Turricula* (*Nangulanica*)
*Turricula* (*Nangulanica*) *eastoni* (Martin, 1914)

*Drillia Eastoni* Martin, 1914: 124, pl. 2, fig. 20.
*Drillia Eastoni* – Martin, 1919: 118.
*Drillia eastoni* Martin – van der Vlerk, 1931: 216.
*Turricula* (*Nangulanica*) *eastoni* (Martin) – Shuto, 1980: 31.
*Turricula* (*Nangulanica*) *eastoni* (Martin). – Skwarko & Sufiati, 1994: u54.

Holotype of *Drillia Eastoni* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7938).

*Turricula* (*Nangulanica*) *hillegondae* (Martin, 1914)

*Surcula Hillegondae* Martin, 1914: 116, pl. 1, fig. 16.
*Surcula hillegondae* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Nangulanica*) *hillegondae* (Martin) – Shuto, 1980: 31.
*Turricula hillegondae* (Martin) – Piccoli & Savazzi, 1983: 40.
*Turricula* (*Nangulanica*) *hillegondae* (Martin) – Skwarko & Sufiati, 1994: u54.

Lectotype of *Surcula Hillegondae* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7728). Shuto (1980: 31) indicated RGM 7728 as holotype, which counts as a lectotype selection.

Skwarko & Sufiati (1994) indicated among the paratypes RGM 7736. This is not correct, since Martin considered this specimen a separate variety: *S. m.* var. *cuspidata*.

*Turricula* (*Nangulanica*) *sultani* (Martin, 1914)

*Drillia Sultani* Martin, 1914: 123, pl. 2, figs. 47-48.
*Drillia sultani* Martin – van der Vlerk, 1931: 217.
*Turricula* (*Nangulanica*) *sultani* (Martin) – Shuto, 1980.
*Turricula* (*Nangulanica*) *sultani* (Martin) – Skwarko & Sufiati, 1994: u54.

Lectotype of *Drillia Sultani* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2,

Middle Eocene (RGM 7931). Shuto (1980: 32) indicated RGM 7931 (specimen illustrated by Martin, 1914, pl. 2, fig. 47) as the holotype, which counts as a lectotype selection. The other specimen belongs according to Shuto to a different species, *Javaclavus martini* Shuto, 1980.

Subgenus *Turricula* (*Vulpecula*)
*Turricula* (*Vulpecula*) *gedinganensis* Martin, 1906

*Turricula* (*?*) *gedinganensis* Martin, 1906: 306, pl. 44, fig. 727.
*Turricula gedinganensis* Martin – Martin-Icke, 1911: 49.
*Turricula* (*Vulpecula*) *gedinganensis* Martin – Tesch, 1915: 46.
*Turricula gedinganensis* Martin – van der Vlerk, 1931: 227.
*Turricula* (*Vulpecula*) *gedinganensis* Martin – Skwarko & Sufiati, 1994: u62.

Holotype of *Turricula* (*?*) *gedinganensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 8967).

Subgenus unknown
*Turricula bucciniformis* (Martin, 1879)

*Mitra bucciniformis* Martin, 1879: 28, pl. 6, fig. 4.
*Turricula bucciniformis* Martin – van der Vlerk, 1931: 226.
*Turricula bucciniformis* Martin – Skwarko & Sufiati, 1994: u48.

Syntypes of *Mitra bucciniformis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 8947: 2 specimens).

*Turricula dijki* (Martin, 1885)

*Pleurotoma* (*Surcula*) *Dijki* Martin, 1885: 62, pl. 4, fig. 62.
*Surcula dijki* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *dijki* Martin – Skwarko & Sufiati, 1994: u55.

Syntypes of *Pleurotoma* (*Surcula*) *Dijki* Martin, 1885, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 7710: 1 specimen, RGM 7711: 1 specimen). Only the cast of RGM 7711 exists. See also remarks under *Vexillum* (*Costellaria*) *dijki* (Martin, 1906).

*Turricula drilliaeformis* (Martin, 1895)

*Pleurotoma* (*Surcula*) *drilliaeformis* Martin, 1895: 30, pl. 5, fig. 76.
*Surcula drilliaeformis* Martin – Tesch, 1915: 30.
*Surcula drilliaeformis* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *drilliaeformis* Martin – Skwarko & Sufiati, 1994: u55.

Lectotype of *Pleurotoma* (*Surcula*) *drilliaeformis* Martin, 1895, leg.: P. van Dijk, loc.: Gresik Borehole, 725-736 m, strat.: Neogene (RGM 7712).

The description of this species was based on the specimen from the Batavia borehole. Both specimens were illustrated by Martin. Since Skwarko & Sufiati (1994) indicated the Gresik Borehole as the type locality, we consider this as an indirect lectotype selection.

*Turricula everwyni* (Martin, 1885)

*Pleurotoma* (*Surcula*) *Everwyni* Martin, 1885: 64, pl. 4, fig. 65.
*Surcula everwijni* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *everwijni* Martin – Skwarko & Sufiati, 1994: u55.

Holotype of *Pleurotoma* (*Surcula*) *Everwyni* Martin, 1885, leg.: P. van Dijk, loc.: ? Ngembak, Semarang, strat.: Miocene? (RGM 7707).

*Turricula gembacana* (Martin, 1885)

*Pleurotoma* (*Surcula*) *gembacana* Martin, 1885: 63, pl. 4, fig. 63.
*Surcula gembacana* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *gembacana* Martin – Skwarko & Sufiati, 1994: u56.

Holotype of *Pleurotoma* (*Surcula*) *gembacana* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7715).

*Turricula jenkinsi* (Martin, 1879)

*Mitra Jenkinsi* Martin, 1879: 29, pl. 6, fig. 5.
*Turricula jenkinsi* Martin – van der Vlerk, 1931: 227.
*Turricula jenkinsi* (Martin) – Skwarko & Sufiati, 1994: u50.

Holotype of *Mitra Jenkinsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 8966).

*Turricula kelirensis* (Martin, 1916)

*Surcula kelirensis* Martin, 1916: 228, pl. 1, fig. 11.
*Surcula kelirensis* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *kelirensis* Martin – Skwarko & Sufiati, 1994: u56.

Syntypes of *Surcula kelirensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7800: 2 specimens, RGM 7801: 1 specimen); leg.: K. Martin (RGM 47108: 2 specimens).

*Turricula nelliae spuria* Hedley, 1922

*Pleurotoma* (*Surcula*) *sucabumiana* Martin, 1895: 30, pl. 5, fig. 75.
*Surcula sucabumiana* Martin – Martin, 1911: 8.
*Surcula sucabumiana* Martin – Martin, 1919: 74.
*Surcula sucabumiana* – Martin, 1921: 448.
*Surcula sucabumiana* Martin – Martin, 1928: 12.
*Surcula sucabumiana* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *nelliae spurius* (Hedley, 1922) – Beets, 1985c: 62.
*Turricula* (*Surcula*) *nelliae spurius* Hedley – Skwarko & Sufiati, 1994: u57.

Syntype of *Pleurotoma* (*Surcula*) *sucabumiana* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Miocene (RGM 7698: 1 specimen).

The description was based on two specimens.

*Turricula pamotanensis* (Martin, 1906)

*Pleurotoma* (*Surcula*) *pamotanensis* Martin, 1906: 292, pl. 43, fig. 701.
*Surcula pamotanensis* Martin – van der Vlerk, 1931: 220.
*Clavatula* (*Surcula*) *pamotanensis* Martin – Pannekoek, 1936: 24.
*Turricula* (*Surcula*) *pamotanensis* Martin – Skwarko & Sufiati, 1994: u57.

Holotype of *Pleurotoma* (*Surcula*) *pamotanensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Pamotan, strat.: Rembang Formation, Lower Miocene (RGM 7696).

Skwarko & Sufiati (1994) incorrectly indicated that the type is in an Amsterdam collection.

*Turricula rembangensis* (Martin, 1906)

*Pleurotoma* (*Surcula*) *rembangensis* Martin, 1906: 293, pl. 43, fig. 702.
*Surcula rembangensis* Martin – van der Vlerk, 1931: 220.
*Turicula* (*Surcula*) *rembangensis* Martin – Skwarko & Sufiati, 1994: u58.

Holotype of *Pleurotoma* (*Surcula*) *rembangensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 7718).

*Turricula samarangana* (Martin, 1885)

*Pleurotoma* (*Surcula*) *samarangana* Martin, 1885: 63, pl. 4, fig. 64.
*Surcula samarangana* Martin – Martin, 1928: 12.
*Surcula samarangana* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *samarangana* Martin – Skwarko & Sufiati, 1994: u59.

Holotype of *Pleurotoma* (*Surcula*) *samarangana* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7706).

*Turricula smithi* (Martin, 1885)

*Pleurotoma* (*Surcula*) *Smithi* Martin, 1885: 60, pl. 4, fig. 60.
*Surcula smithi* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *smithi* Martin – Skwarko & Sufiati, 1994: u59.

Syntypes of *Pleurotoma* (*Surcula*) *Smithi* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole II, 130 m, strat.: Miocene (RGM 7708: 1 specimen); loc.: Gresik Borehole I, 616-725 m (RGM 7709: 1 specimen).

*Turricula waringensis* (Martin, 1895)

*Pleurotoma* (*Surcula*) *waringensis* Martin, 1895: 29, pl. 5, fig. 74.
*Surcula waringensis* Martin – Icke & Martin, 1907b: 229.
*Surcula waringensis* Martin – van der Vlerk, 1931: 220.
*Turricula* (*Surcula*) *waringensis* Martin – Skwarko & Sufiati, 1994: u59.

Holotype of *Pleurotoma* (*Surcula*) *waringensis* Martin, 1895, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 7697).

Genus *Fusiturricula*
Subgenus *Fusiturricula* (*Crenaturricula*)
*Fusiturricula* (*Crenaturricula*) *lepidota* (Martin, 1914)

*Surcula lepidota* Martin, 1914: 117, pl. 1, figs. 23-24.
*Surcula lepidota* Martin – van der Vlerk, 1931: 220.
*Fusiturricula* (*Crenaturricula*) *lepidota* (Martin) – Shuto, 1980: 29.
*Turricula lepidota* (Martin) – Piccoli & Savazzi, 1983: 40.
*Fusiturricula* (*Crenaturricula*) *lepidota* (Martin) – Skwarko & Sufiati, 1994: u44.

Lectotype of *Surcula lepidota* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7742).

Shuto (1980: 29) indicated RGM 7742 as holotype, which counts as a lectotype selection.

Genus *Paradrillia*
*Paradrillia boehmi* (Martin, 1914)

*Surcula Boehmi* Martin, 1914: 115, pl. 1, fig. 13.
*Surcula Boehmi* Martin – Martin, 1931: 7.
*Surcula boehmi Martin* – van der Vlerk, 1931: 219.
*Paradrillia boehmi* (Martin) – Shuto, 1980: 36.
*Turricula boehmi* (Martin) – Piccoli & Savazzi, 1983: 40.
*Paradrillia boehmi* (Martin) – Skwarko & Sufiati, 1994: u45.

Holotype of *Surcula Boehmi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7724).

Skwarko & Sufiati (1994) indicated, apart from RGM 7724, J2513/148 as type. This is incorrect since Martin based his description solely on RGM 7724.

*Paradrillia ermelingi* (Martin, 1885)

*Pleurotoma* (*Drillia*) *Ermelingi* Martin, 1885: 67, pl. 4, fig. 70.
*Drillia Ermelingi* – Martin, 1919: 118.
*Drillia ermelingi* Martin – van der Vlerk, 1931: 216.
*Pleurotoma* (*Drillia*) *ermelingi* Martin – MacNeil, 1960: 110.
*Paradrillia ermelingi* (Martin) – Shuto, 1977: 139.
*Paradrillia ermelingi* (Martin) – Skwarko & Sufiati, 1994: u45.

Holotype of *Pleurotoma* (*Drillia*) *Ermelingi* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7919).

Genus *Pyramitoma*
*Pyramitoma puruensis* (Martin, 1914)

*Pleurotoma* (*Pyramitoma*) *puruensis* Martin, 1914: 118, pl. 1, fig. 30.
*Pleurotoma puruensis* Martin – van der Vlerk, 1931: 219.
*Pyramitoma puruensis* Martin – Shuto, 1980: 35.
*Pyramitoma puruensis* Martin – Skwarko & Sufiati, 1994: u46.

Lectotype of *Pleurotoma* (*Pyramitoma*) *puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7862).

Shuto (1980: 35) indicated RGM 7862 as the holotype, which counts as a lectotype selection.

Family Terebridae
Genus *Terebra*
Subgenus *Terebra* (*Terebra*)
*Terebra* (*Terebra*) *sokkohensis* Martin, 1916

*Terebra* (*s. str.*) *sokkohensis* Martin, 1916: 225, pl. 1, fig. 4.
*Terebra sokkohensis* Martin – Martin, 1928: 11.
*Terebra sokkhensis* Martin – van der Vlerk, 1931: 212.
*Terebra* (*Terebra*) *sokkohensis* Martin – Skwarko & Sufiati, 1994: w21.

Syntypes of *Terebra* (*s. str.*) *sokkohensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7391: 1 specimen); leg.: K. Martin (RGM 47091: 1 specimen).

The description was based on three specimens.

Subgenus *Terebra* (*Clathoterebra*)
*Terebra* (*Clathoterebra*) *woodwardiana* Martin, 1885

*Terebra Woodwardiana* Martin, 1885: 73, pl. 5, fig. 76.
*Terebra Woodwardiana* Martin (pars) – Tesch, 1915: 38.

*Terebra* (*Myurella*) *woodwardiana* Martin – Fischer, 1927: 90.
*Terebra woodwardiana* Martin – van der Vlerk, 1931: 212.
*Terebra woodwardiana* Martin – Haanstra & Spiker, 1932: 1316.
*Terebra* (*Strioterebrum*) *woodwardiana* Martin – Oostingh, 1938: 52.
*Terebra* (*Myurella*) *bomasensis* Martin (pars) – Oostingh, 1938: 54.
*Myurella* (*Clathoterebra*) *woodwardiana* (Martin) – Shuto, 1969: 230.
*Terebra* (*Clathoterebra*) *woodwardiana* Martin – Shuto, 1978: 107.
*Terebra* (*Clathoterebra*) *woodwardiana* Martin – Skwarko & Sufiati, 1994: w15.

Holotype of *Terebra Woodwardiana* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7381).

Subgenus *Terebra* (*Diplomeriza*)
*Terebra* (*Diplomeriza*) *angsanana* Martin, 1921

*Terebra angsanana* Martin, 1921: 447, pl. 58, figs. 4-5.
*Terebra angsanana* Martin – van der Vlerk, 1931: 210.
*Diplomeriza angsanana* (Martin) – Oostingh, 1938: 50.
*Terebra* (*Diplomeriza*) *angsanana* Martin – Skwarko & Sufiati, 1994: w15.

Syntypes of *Terebra angsanana* Martin, 1921, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 7405: 1 specimen, RGM 7406: 1 specimen, RGM 47136: 1 specimen).

The description was based on 13 specimens from Ciangsana, 1 from Citalahab and 1 southwest from Ciangsana.

Skwarko & Sufiati (1994) indicated a type specimen in the GRDC collection, Bandung (P. J5287). Possibly this is a specimen described by Oostingh (1938) since the material collected by Martin-Icke is in the NNM.

*Terebra* (*Diplomeriza*) *bandongensis* Martin, 1879

*Terebra bandongensis* Martin, 1879: 31, pl. 6, figs. 9-10.
*Terebra bandongensis* Martin – Martin, 1884: 70.
*Terebra bandongensis* Martin – Martin, 1895: 10.
*Terebra bandongensis* Martin – Martin, 1911: 18.
*Terebra bandongensis* Martin – van der Vlerk, 1931: 210.
*Terebra bandongensis* Martin – Shuto, 1977: 138.
*Terebra* (*Diplomeriza*) *bandungensis* [sic] Martin – Shuto, 1978: 104.
*Terebra* (*Diplomeriza*) *bandongensis* Martin – Skwarko & Sufiati, 1994: w15.

Syntypes of *Terebra bandongensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Miocene (RGM 7382: 3 specimens).

The description was based on nine specimens.

*Terebra* (*Diplomeriza*) *smithi* Martin, 1885

*Terebra Smithi* Martin, 1885: 71, pl. 5, fig. 74.
*Terebra smithi* Martin – van der Vlerk, 1931: 212.
*Terebra* (*Diplomeriza*) *smithi* Martin – Shuto, 1978: 104.
*Terebra* (*Diplomeriza*) *smithi* Martin – Skwarko & Sufiati, 1994: w16.

Holotype of *Terebra Smithi* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 7394).

Subgenus *Terebra* (*Myurella*)
*Terebra* (*Myurella*) *butaciana* Martin, 1906

*Terebra butaciana* Martin, 1906: 284, pl. 42, fig. 680.
*Terebra butaciana* Martin – van der Vlerk, 1931: 211.
*Terebra* (*Myurella*) *butaciana* Martin – Shuto, 1977: 138.
*Terebra* (*Myurella*) *butaciana* Martin – Skwarko & Sufiati, 1994: w17.

Holotype of *Terebra butaciana* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 7373).

*Terebra* (*Myurella*) *indica* Martin, 1879

*Terebra indica* Martin, 1879: 33, pl. 6, fig. 12.
*Terebra indica* – Martin, 1928: 119.
*Terebra indica* Martin – van der Vlerk, 1931: 211.
*Terebra* (*Myurella*) *indica* Martin – Skwarko & Sufiati, 1994: w18.

Holotype of *Terebra indica* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7364).

*Terebra* (*Myurella*) *pamotanensis* Martin, 1906

*Terebra pamotanensis* Martin, 1906: 284, pl. 42, fig. 681.
*Terebra pamotanensis* Martin – Martin, 1912: 158.
*Terebra pamotanensis* Martin – van der Vlerk, 1931: 211.
*Terebra* (*Myurella*) cf. *pamotanensis* Martin – Wanner & Hahn, 1935: 240.
*Terebra* (*Myurella*) *pamotanensis* Martin – Skwarko & Sufiati, 1994: w20.

Holotype of *Terebra pamotanensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 7377).

*Terebra* (*Myurella*) *progoensis* Martin, 1916

*Terebra* (*Myurella*) *progoënsis* Martin, 1916: 225, pl. 1, fig. 5.
*Terebra progoënsis* Martin – van der Vlerk, 1931: 211.
*Terebra* (*Myurella*) *progoensis* Martin – Skwarko & Sufiati, 1994: w20.

Syntypes of *Terebra* (*Myurella*) *progoënsis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7374: 1 specimen); leg.: K. Martin (RGM 47148: 1 specimen).

Martin described one of the three specimens at his disposal as a variety. This specimen (RGM 7375) is therefore not included in the type series (ICZN Art. 72b1).

Subgenus *Terebra* (*Triplostephanus*)
*Terebra* (*Triplostephanus*) *jenkinsi* Martin, 1879

*Terebra Jenkinsi* Martin, 1879: 34, pl. 6, fig. 14.
*Terebra Jenkinsi* Martin – Martin, 1884: 75.
*Terebra jenkinsi* Martin – Martin, 1911: 44.
*Terebra Jenkinsi* Martin – Tesch, 1913: 162.
*Terebra jenkinsi* Martin – van der Vlerk, 1931: 211.
*Triplostephanus jenkinsi* (Martin) – Shuto, 1977: 227.
*Terebra* (*Triplostephanus*) *jenkinsi* Martin – Shuto, 1978: 104.
*Terebra* (*Triplostephanus*) *jenkinsi* Martin – Skwarko & Sufiati, 1994: w22.

Syntypes of *Terebra Jenkinsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 7369: 3 specimens).

*Terebra* (*Triplostephanus*) *prianganensis* Oostingh, 1938

*Terebra bicincta* Martin, 1879: 33, pl. 6, fig. 13.

*Terebra martini* nom.nov. pro *Terebra bicincta* Martin, 1879 non Hinds, 1844 – Vredenburg, 1921: 349.
*Terebra bicincta* Martin – van der Vlerk, 1931: 211.
*Terebra priangerensis* nom. nov. pro *Terebra martini* Vredenburg, 1921 non Tesch, 1915 – Oostingh, 1938: 52.
*Terebra* (*Triplostephanus*) *martini* Vredenburg – Shuto, 1978: 104.
*Terebra* (*Triplostephanus*) *prianganensis* Oostingh – Skwarko & Sufiati, 1994: w22.

Syntypes of *Terebra bicincta* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Middle Miocene (RGM 7366: 3 specimens).

### *Terebra* (*Triplostephanus*) *samarangana* Martin, 1885

*Terebra samarangana* Martin, 1885: 75, pl. 5, fig. 78.
*Terebra samarangana* Martin – Martin, 1928: 11.
*Terebra samarangana* Martin – van der Vlerk, 1931: 212.
*Terebra samarangana* Martin – Haanstra & Spiker, 1932: 1314.
*Terebra* (*Strioterebrum*) *samarangana* Martin – Oostingh, 1938: 48.
*Terebra* (*Strioterebrum*) *samarangana* Martin – van Regteren Altena & Beets, 1945: 48.
*Strioterebrum* (*Noditerebra*) *samarangana* (Martin) – Shuto, 1977: 139.
*Terebra* (*Triplostephanus*) *samarangana* Martin – Shuto, 1978: 104.
*Terebra* (*Triplostephanus*) *samarangana* Martin – Skwarko & Sufiati, 1994: w23.

Syntypes of *Terebra samarangana* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole III, 117 m, strat.: Upper Miocene (RGM 7379: 1 specimen); loc.: Blakan Kebon Borehole III, Semarang, strat.: Pliocene (RGM 7380: 1 specimen).

The species was described from the two specimens above. Therefore the type locality can not be 'between Ayer Abab and Ayer Penukal rivers, Palembang, Sumatra' as suggested by Skwarko & Sufiati (1994). The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

## Subgenus unknown

### *Terebra acuticostata* Martin, 1885

*Terebra acuticostata* Martin, 1885: 72, pl. 5, fig. 75.
*Terebra acuticostata* Martin – van der Vlerk, 1931: 210.
*Terebra acuticostata* Martin – Skwarko & Sufiati, 1994: w7.

Holotype of *Terebra acuticostata* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, 60-70 m, strat.: Upper Miocene (RGM 7395).

### *Terebra bisulcata* Martin, 1882

*Terebra bisulcata* Martin, 1882: 217, pl. 10, fig. 16.
*Terebra bisulcata* Martin – van der Vlerk, 1931: 211.
*Terebra bisulcata* Martin – Skwarko & Sufiati, 1994: w8.

Holotype of *Terebra bisulcata* Martin, 1882, collector unknown, loc.: Gunung Sela, strat.: Cilanang Formation, Upper Miocene (RGM 7399).

### *Terebra dijki* Martin, 1885

*Terebra Dijki* Martin, 1885: 74, pl. 5, fig. 77.
*Terebra dijki* Martin – van der Vlerk, 1931: 211.
*Terebra dijki* Martin – Skwarko & Sufiati, 1994: w8.

Holotype of *Terebra Dijki* Martin, 1885, leg.: P. van Dijk, loc.: Blakan Kebon Borehole, Semarang, strat.: Pliocene (RGM 7398).

### *Terebra herklotsi* Martin, 1879

*Terebra Herklotsi* Martin, 1879: 34, pl. 6, fig. 15.
*Terebra Herklotsi* Martin – Boettger, 1883: 83.
*Terebra herklotsi* Martin – van der Vlerk, 1931: 211.
*Terebra herklotsi* Martin – Skwarko & Sufiati, 1994: w9.

Syntypes of *Terebra Herklotsi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7392: 2 specimens).

### *Terebra hochstetteri* Martin, 1879

*Terebra Hochstetteri* Martin, 1879: 35, pl. 6, fig. 16.
*Terebra hochstetteri* Martin – Martin, 1911: 44.
*Terebra hochstetteri* Martin – Martin, 1928: 11.
*Terebra hochstetteri* Martin – van der Vlerk, 1931: 211.
*Terebra? hochstetteri* Martin – Haanstra & Spiker, 1932: 1316.
*Terebra hochstetteri* Martin – Skwarko & Sufiati, 1994: w9.

Holotype of *Terebra Hochstetteri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Upper Miocene (RGM 7396).

### *Terebra ickei* Martin, 1906

*Terebra Ickei* Martin, 1906: 285, pl. 42, fig. 682.
*Terebra ickei* Martin – van der Vlerk, 1931: 211.
*Terebra ickei* Martin – Skwarko & Sufiati, 1994: w9.

Holotype of *Terebra Ickei* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 7388).

### *Terebra javana* Martin, 1879

*Terebra javana* Martin, 1879: 32, pl. 6, fig. 11.
*Terebra javana* Martin – Martin, 1911: 18.
*Terebra javana* Martin – Tesch, 1913: 162.
*Terebra javana* Martin – van der Vlerk, 1931: 211.
*Terebra javana* Martin – Skwarko & Sufiati, 1994: w10.

Syntypes of *Terebra javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 7358: 5 specimens).

### *Terebra junghuhni* Martin, 1906

*Terebra Junghuhni* Martin, 1906: 285, pl. 42, fig. 683.
*Terebra junghuhni* Martin – van der Vlerk, 1931: 211.
*Terebra* (*Myurella*) *junghuhni* Martin – van Regteren Altena & Beets, 1945: 49.
*Terebra* (*Myurella*) *junghuhni* Martin – Skwarko & Sufiati, 1994: w18.

Syntype of *Terebra Junghuhni* Martin, 1906, leg.: F. Junghuhn, unknown locality, strat.: Neogene (RGM 7389: 1 specimen).

The description was based on two fragments.

### *Terebra nanggulanensis* Martin, 1914

*Terebra nanggulanensis* Martin, 1914: 111, pl. 1, fig. 4.

*Terebra nanggulanensis* Martin – van der Vlerk, 1931: 211.
*Terebra nanggulanensis* Martin – Skwarko & Sufiati, 1994: w11.

Syntypes of *Terebra nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7403: 1 specimen, RGM 47155: 1 specimen).

Skwarko & Sufiati (1994) wrongly dated the species as M. Miocene.

*Terebra sindangbaranensis* Martin, 1906

*Terebra sindangbaranensis* Martin, 1906: 286, pl. 42, fig. 685.
*Terebra sindangbaranensis* Martin – van der Vlerk, 1931: 212.
*Terebra sindangbaranensis* Martin – Skwarko & Sufiati, 1994: w11.

Holotype of *Terebra sindangbaranensis* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7393).

*Terebra talahabensis* Martin, 1906

*Terebra talahabensis* Martin, 1906: 286, pl. 42, fig. 684.
*Terebra talahabensis* – Martin, 1928: 119.
*Terebra talahabensis* Martin – van der Vlerk, 1931: 212.
*Terebra talahabensis* Martin – Skwarko & Sufiati, 1994: w12.

Holotype of *Terebra talahabensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Citalahab, strat.: Lower Miocene (RGM 7390).

*Terebra tjilonganensis* Martin, 1906

*Terebra tjilonganensis* Martin, 1906: 283, pl. 42, fig. 679.
*Terebra tjilonganensis* Martin – Martin, 1912: 158.
*Terebra tjilonganensis* Martin – van der Vlerk, 1931: 212.
*Terebra tjilonganensis* Martin – Skwarko & Sufiati, 1994: w12.

Holotype of *Terebra tjilonganensis* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Cadasngampar, strat.: Miocene (RGM 7362).

Genus *Hastula*
Subgenus *Hastula* (*Hastula*)
*Hastula* (*Hastula*) *puruensis* (Martin, 1914)

*Terebra* (*Hastula*) *puruensis* Martin, 1914: 111, pl. 1, fig. 5.
*Terebra puruensis* Martin – van der Vlerk, 1931: 211.
*Hastula puruensis* Martin – Piccoli & Savazzi, 1983: 41.
*Hastula* (*Hastula*) *puruensis* Martin – Skwarko & Sufiati, 1994: w1.

Syntypes of *Terebra* (*Hastula*) *puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7404: 1 specimen, RGM 47193: 1 specimen).

Genus *Strioterebrum*
Subgenus *Strioterebrum* (*Punctoterebra*)
*Strioterebrum* (*Punctoterebra*) *ejectum* (Martin, 1906)

*Terebra ejecta* Martin, 1906: 287, pl. 42, fig. 687.
*Terebra ejecta* Martin – van der Vlerk, 1931: 211.
*Strioterebrum* (*Punctoterebra*) *ejectum* (Martin) – Shuto, 1982: 130.
*Strioterebrum* (*Punctoterebra*) *ejectum* (Martin) – Skwarko & Sufiati, 1994: w7.

Holotype of *Terebra ejecta* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Kalanganyar, strat.: Tertiary (RGM 7402).

Subgenus unknown
*Strioterebrum bomasense* Martin, 1916

*Terebra* (*Myurella*) *bomasensis* Martin, 1916: 226, pl. 1, fig. 6.
*Terebra bomasensis* Martin – Martin, 1928: 11.
*Terebra bomasensis* Martin – van der Vlerk, 1931: 211.
*Terebra* (*Myurella*) *bomasensis* Martin – Pannekoek, 1936: 15.
*Terebra* (*Strioterebrum*) *bomasensis* Martin – Oostingh, 1938: 54.
*Terebra* (*Strioterebrum*) *bomasensis* Martin – van Regteren Altena & Beets, 1945: 48.
*Strioterebrum bomasensis* (Martin) – Skwarko & Sufiati, 1994: w3.

Holotype of *Terebra* (*Myurella*) *bomasensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7376).

According to Skwarko & Sufiati (1994) the types are in the GRDC collection in Bandung (P. J5322, 5328). This is incorrect. Martin had only one specimen avaiblable, which is in the Leiden collection.

Subclass Heterobranchia
Superorder Allogastropoda
Superfamily Architectonicoidea
Family Architectonicidae
Genus *Architectonica*
Subgenus *Architectonica* (*Architectonica*)
*Architectonica* (*Architectonica*) *sedanensis* (Martin, 1905)

*Solarium* (*s. str.*) *sedanense* Martin, 1905: 248, pl. 37, fig. 600.
*Solarium sedanense* Martin – Martin, 1912: 159.
*Solarium sedanense* Martin – van der Vlerk, 1931: 256.
*Solarium sedanense* Martin – Pannekoek, 1936: 56.
*Architectonica* (*Architectonica*) *sedanense* (Martin) – Skwarko & Sufiati, 1994: w29.

Holotype of *Solarium* (*s. str.*) *sedanense* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 11099).

*Architectonica* (*Architectonica*) *sokkohensis* (Martin, 1916)

*Solarium* (*s. str.*) *sokkohense* Martin, 1916: 256, pl. 3, fig. 74.
*Solarium sokkohense* Martin – Martin, 1919: 97.
*Solarium sokkohense* Martin – van der Vlerk, 1931: 256.
*Solarium sokkohense* Martin – Beets, 1941: 31.
*Architectonica* (*Architectonica*) *sokkohense* (Martin) – Skwarko & Sufiati, 1994: w29.

Holotype of *Solarium* (*s. str.*) *sokkohense* Martin, 1916, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 11103).

Subgenus unknown
*Architectonica angsanana* (Martin, 1922)

*Solarium* (*s. str.*) *angsananum* Martin, 1922: 475, pl. 60, fig. 81,82.
*Solarium angsananum* Martin – van der Vlerk, 1931: 255.
*Architectonica angsananum* (Martin) – Skwarko & Sufiati, 1994: w23.

Syntypes of *Solarium* (*s. str.*) *angsananum* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 11110: 2 specimens, RGM 47229: 1 specimen).

*Architectonica javana* (Martin, 1879)

*Solarium javanum* Martin, 1879: 74, pl. 13, fig. 2.
*Solarium Javanum*? Martin – Woodward, 1879: 542.
*Solarium javanum* Martin – Tesch, 1913: 161.
*Solarium javanum* Martin – Martin, 1928: 5.
*Solarium javanum* Martin – van der Vlerk, 1931: 256.
*Architectonica javanum* (Martin) – Skwarko & Sufiati, 1994: w24.

Syntypes of *Solarium javanum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 11104: 1 specimen, RGM 315350: 1 specimen). According to the label, RGM 11104 is the lectotype. However, no reference to a lectotype selection has been found.

*Architectonica puruensis* (Martin, 1914)

*Solarium puruense* Martin, 1914: 168, pl. 6, fig. 146.
*Solarium puruense* Martin – van der Vlerk, 1931: 256.
*Architectonica puruense* (Martin) – Skwarko & Sufiati, 1994: w27.

Syntypes of *Solarium puruense* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11109: 1 specimen, RGM 47235: 1 specimen).

*Architectonica songoensis* (Martin, 1914)

*Solarium* (*s. str.*) *songoënse* Martin, 1914: 167, pl. 6, fig. 143.
*Solarium songoënse* Martin – van der Vlerk, 1931: 256.
*Architectonica bistriata* (Deshayes) – Skwarko & Sufiati, 1994: w24.

Syntypes of *Solarium* (*s. str.*) *songoënse* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 11107: 2 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 11106: 3 specimens); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 47247: 1 specimen).

Skwarko & Sufiati, 1994 regarded this species to be a junior synonym of *Architectonica bistriata* (Deshayes). It is not clear whether they refer to *Pleurotoma bistriata* Deshayes (1834: 444), which is an entirely different species. Until further study proves different, we retain *A. songoense* as a separate species.

Genus *Heliacus*
*Heliacus deningeri* Martin, 1914

*Torinia Deningeri* Martin, 1914: 169, pl. 6, fig. 147.
*Torinia deningeri* Martin – van der Vlerk, 1931: 256.
*Torinia deningeri* Martin – Skwarko & Sufiati, 1994: w31.

Holotype of *Torinia Deningeri* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 11111).

Family Mathildidae
Genus *Mathilda*
*Mathilda njalindungensis* Martin, 1922

*Mathildia njalindungensis* Martin, 1922: 474, pl. 60, fig. 80.
*Mathildia njalindunganensis* [sic] Martin – van der Vlerk, 1931: 253.
*Mathilda njalindugensis* [sic] Martin – Skwarko & Sufiati, 1994: x1.

Holotype of *Mathildia njalindungensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 10948).

Superfamily Pyramidelloidea
Family Pyramidellidae
Subfamily Pyramidellinae
Genus *Pyramidella*
Subgenus *Pyramidella* (*Pyramidella*)
*Pyramidella* (*Pyramidella*) *junghuhni* Martin, 1906

*Pyramidella* (*s. str.*) *Junghuhni* Martin, 1906: 321, pl. 45, fig. 744.
*Pyramidella junghuhni* Martin – van der Vlerk, 1931: 261.
*Pyramidella* (*Pyramidella*) *junghuhni* Martin – Skwarko & Sufiati, 1994: x7.

Holotype of *Pyramidella* (*s. str.*) *Junghuhni* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 11488).

*Pyramidella* (*Pyramidella*) *karangensis* Martin, 1905

*Pyramidella* (*s. str.*) *karangensis* Martin, 1905: 271, pl. 40, fig. 651.
*Pyramidella karangensis* Martin – Martin-Icke, 1911: 47.
*Pyramidella karangensis* Martin – van der Vlerk, 1931: 261.
*Pyramidella* (*Pyramidella*) *karangensis* Martin – Skwarko & Sufiati, 1994: x7.

Holotype of *Pyramidella* (*s. str.*) *karangensis* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Ci Lanang, strat.: Cilanang Formation, Upper Miocene (RGM 11484).

*Pyramidella* (*Pyramidella*) *kelirensis* Martin, 1916

*Pyramidella* (*s. str.*) *kelirensis* Martin, 1916: 257, pl. 3, fig. 78.
*Pyramidella kelirensis* Martin – van der Vlerk, 1931: 261.
*Pyramidella* (*Pyramidella*) *kelirensis* Martin – Skwarko & Sufiati, 1994: x7.

Syntypes of *Pyramidella* (*s. str.*) *kelirensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: West Progo Group, Lower Miocene (RGM 11487: 1 specimen); loc.: Kembangsokah (RGM 11486: 1 specimen); leg.: K. Martin (RGM 46974: 1 specimen).

*Pyramidella* (*Pyramidella*) *nanggulanica* Finlay, 1927

*Pyramidella* (*Obeliscus*) *polita* Martin, 1884: 159, pl. 8, fig. 154.
*Pyramidella (s.str.) polita* Martin – Martin, 1914: 176.
*Pyramidella nanggulanica* nom. nov. pro *Pyramidella* (*Obeliscus*) *polita* Martin, 1884 non Johnson, 1858 – Finlay, 1927.
*Pyramidella polita* Martin – van der Vlerk, 1931: 261.
*Pyramidella nanggulanica* Finlay – van Regteren Altena, 1938: 209.
*Pyramidella* (*Pyramidella*) *nanggulanica* Finlay – Skwarko & Sufiati, 1994: x7.

Holotype of *Pyramidella* (*Obeliscus*) *polita* Martin, 1884, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 11479).

Subgenus *Pyramidella* (*Otopleura*)
*Pyramidella* (*Otopleura*) *djunggranganensis* Martin, 1916

*Pyramidella* (*Oto.*) *djunggranganensis* Martin, 1916: 258, pl. 4, fig. 80.
*Pyramidella djunggranganensis* Martin – van der Vlerk, 1931: 261.
*Pyramidella* (*Otopleura*) *djunggranganensis* Martin – Skwarko & Sufiati, 1994: x6.

Syntypes of *Pyramidella* (*Otopleura*) *djunggranganensis* Martin, 1916, leg.: H. Martin-Icke, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 11491: 1 specimen); leg.: K. Martin (RGM 46971: 1 specimen).

*Pyramidella* (*Otopleura*) *reticulata* Martin, 1905

*Pyramidella* (*Otopleura*) *reticulata* Martin, 1905: 271, pl. 40, figs. 652-653.
*Pyramidella reticulata* Martin – Martin, 1908: 9.
*Pyramidella reticulata* Martin – Martin, 1919: 101.
*Pyramidella reticulata* Martin – van der Vlerk, 1931: 261.
*Pyramidella* (*Otopleura*) *reticulata* Martin – van Regteren Altena, 1941: 34.
*Pyramidella* (*Otopleura*) *reticulata* Martin – Skwarko & Sufiati, 1994: x6.

Syntypes of *Pyramidella* (*Otopleura*) *reticulata* Martin, 1905, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 11490: 2 specimens).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

Subgenus unknown
*Pyramidella bataviana* Martin, 1884

*Pyramidella* (*Obeliscus*) *bataviana* Martin, 1884: 160, pl. 8, fig. 155.
*Pyramidella bataviana* Martin – van der Vlerk, 1931: 261.
*Pyramidella bataviana* Martin – Skwarko & Sufiati, 1994: x4.

Holotype of *Pyramidella* (*Obeliscus*) *bataviana* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole IV, 130-134 m, strat.: Pliocene (RGM 11489).

Subfamily Turbonillinae
Genus *Turbonilla*
*Turbonilla junghuhni* Martin, 1906

*Turbonilla Junghuni* Martin, 1906: 322, pl. 45, fig. 745.
*Turbonilla junghuhni* Martin – van der Vlerk, 1931: 261.
*Turbonilla junghuhni* (Martin) – Skwarko & Sufiati, 1994: x8.

Holotype of *Turbonilla Junghuni* Martin, 1906, leg.: F. Junghuhn, loc.: ? Junghuhn K, strat.: Miocene (RGM 11497).

*Turbonilla nodosa* Martin, 1884

*Turbonilla nodosa* Martin, 1884: 161, pl. 8, fig. 156.
*Turbonilla nodosa* Martin – van der Vlerk, 1931: 261.
*Turbonilla nodosa* Martin – Skwarko & Sufiati, 1994: x9.

Holotype of *Turbonilla nodosa* Martin, 1884, leg.: P. van Dijk, loc.: Gresik Borehole, 201 m, strat.: Lower Miocene (RGM 11495).

*Turbonilla scalaris* Martin, 1884

*Turbonilla scalaris* Martin, 1884: 162, pl. 8, fig. 158.
*Turbonilla scalaris* Martin – van der Vlerk, 1931: 261.
*Turbonilla scalaris* Martin – Skwarko & Sufiati, 1994: x9.

Holotype of *Turbonilla scalaris* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 11496).

*Turbonilla sindangbaranensis* Martin, 1906

*Turbonilla sindangbaranensis* Martin, 1906: 322, pl. 45, fig. 746.
*Turbonilla sindangbaranensis* Martin – van der Vlerk, 1931: 261.
*Turbonilla sindangbaranensis* Martin – Skwarko & Sufiati, 1994: x9.

Holotype of *Turbonilla sindangbaranensis* Martin, 1906, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 11498).

*Turbonilla splendida* Martin, 1884

*Turbonilla splendida* Martin, 1884: 161, pl. 8, fig. 157.
*Turbonilla splendida* Martin – van der Vlerk, 1931: 261.
*Turbonilla splendida* Martin – Skwarko & Sufiati, 1994: x9.

Holotype of *Turbonilla splendida* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole IV, 130-134 m, strat.: Pliocene (RGM 11494).

Subclass Opisthobranchia
Order Cephalaspidea
Superfamily Philinoidea
Family Acteonidae
Genus *Acteon*
Subgenus *Acteon* (*Acteon*)
*Acteon* (*Acteon*) *reticulatus* Martin, 1884

*Actaeon reticulatus* Martin, 1884: 43, pl. 4, fig. 42.
*Actaeon reticulatus* Martin – van der Vlerk, 1931: 209.
*Acteon* (*Acteon*) *reticulatus* Martin – Shuto, 1982: 131.
*Acteon* (*Acteon*) *reticulatus* Martin – Skwarko & Sufiati, 1994: b23.

Holotype of *Actaeon reticulatus* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7302).

Subgenus unknown
*Acteon javanus* Martin, 1884

*Actaeon javanus* Martin, 1884: 44, pl. 4, fig. 43.
*Actaeon javanus* Martin – van der Vlerk, 1931: 209.
*Acteon javanus* Martin – Skwarko & Sufiati, 1994: b22.

Holotype of *Actaeon javanus* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7301).

*Acteon rembangensis* Haanstra & Spiker, 1932

*Actaeon rembangensis* Haanstra & Spiker, 1932: 1315, figs. 1-2.
*Acteon rembangensis* Martin-Icke – Skwarko & Sufiati, 1994: b23.

Syntype of *Actaeon rembangensis* Haanstra & Spiker, 1932, leg.: Gonggrijp 15, loc.: Ngampel, strat.: Lower Miocene (RGM 7304: 1 specimen). Haanstra & Spiker used a manuscript name of H. Martin-Icke for three specimens from the Late Neogene of Sumatra, thus validizing the name. They refer explicitely to a specimen in the Martin collection, which is therefore included in the type series.

Genus *Pupa*
*Pupa reussi* (Martin, 1879)

*Actaeon Reussi* Martin, 1879: 79, pl. 12, fig. 13.
*Actaeon reussi* Martin – van der Vlerk, 1931: 209.
*Pupa reussi* (Martin) – Skwarko & Sufiati, 1994: b23.

Holotype of *Actaeon Reussi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7303).

Family Ringiculidae
Genus *Ringicula*
Subgenus *Ringicula* (*Ringiculina*)
*Ringicula* (*Ringiculina*) *arctata glabra* Martin, 1885

*Ringicula glabra* Martin, 1885: 44, pl. 4, fig. 44.
*Ringicula glabra* Martin – van der Vlerk, 1931: 210.
*Ringicula* (*Ringiculina*) *arctata glabra* Martin – Shuto, 1969: 234.
*Ringicula* (*Ringiculina*) *arctata glabra* Martin – Skwarko & Sufiati, 1994: b27.

Holotype of *Ringicula glabra* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m, strat.: Pliocene (RGM 7354).

Subgenus unknown
*Ringicula arctatoides* Martin, 1879

*Ringicula arctatoides* Martin, 1879: 25, pl. 5, fig. 4.
*Ringicula arctatoides* Martin – Boettger, 1880: 42.
*Ringicula arctataeformis* Martin – Boettger, 1883: 42.
*Ringicula arctatoides* Martin – van der Vlerk, 1931: 210.
*Ringicula arctatoides* Martin – Skwarko & Sufiati, 1994: b24.

Syntypes of *Ringicula arctatoides* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7352: 4 specimens).

Martin also mentioned in his description a specimen from Junghuhn locality O, which could not be located in the NNM collections.

*Ringicula dijki* Martin, 1885

*Ringicula Dijki* Martin, 1885: 46, pl. 4, fig. 46.
*Ringicula dijki* Martin – van der Vlerk, 1931: 210.
*Ringicula dijki* Martin – Skwarko & Sufiati, 1994: b25.

Holotype of *Ringicula Dijki* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Lower Miocene (RGM 7353).

*Ringicula pygmaea* Martin, 1885

*Ringicula pygmaea* Martin, 1885: 47, pl. 4, fig. 47.
*Ringicula pygmaea* Martin – van der Vlerk, 1931: 210.
*Ringicula pygmaea* Martin – Skwarko & Sufiati, 1994: b25.

Holotype of *Ringicula pygmaea* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Lower Miocene (RGM 7355).

*Ringicula turrita* Martin, 1885

*Ringicula turrita* Martin, 1885: 45, pl. 4, fig. 45.
*Ringicula turrita* Martin – van der Vlerk, 1931: 210.

Holotype of *Ringicula turrita* Martin, 1885, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 7356).

This species is not listed in Skwarko & Sufiati (1994).

Family Scaphandridae
Genus *Scaphander*
*Scaphander elegans* (Martin, 1879)

*Bulla* (*Scaphander*) *elegans* Martin, 1879: 85, pl. 13, fig. 22.
*Scaphander elegans* Martin – van der Vlerk, 1931: 210.
*Scaphander elegans* Martin – MacNeil, 1960: 128.
*Scaphander elegans* Martin – Skwarko & Sufiati, 1994: b29.

Holotype of *Bulla* (*Scaphander*) *elegans* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7306).

*Scaphander ickei* Martin, 1914

*Scaphander Ickei* Martin, 1914: 110, pl. 1, fig. 1.
*Scaphander ickei* Martin – van der Vlerk, 1931: 210.
*Scaphander ickei* Martin – Piccoli & Savazzi, 1983: 41.
*Scaphander ickei* Martin – Skwarko & Sufiati, 1994: b30.

Syntypes of *Scaphander Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7309: 3 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7308: 1 specimen); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 7310: 1 specimen).

The description was based on six specimens.

*Scaphander javanus* (Martin, 1879)

*Bulla* (*Scaphander*) *javana* Martin, 1879: 85, pl. 13, fig. 21.
*Scaphander javanus* Martin – van der Vlerk, 1931: 210.
*Scaphander javanus* Martin – Pannekoek, 1936: 15.
*Scaphander javanus* Martin – van Regteren Altena & Beets, 1945: 49.
*Scaphander javanus* (Martin) – Shuto, 1977: 139.
*Scaphander javana* Martin – Skwarko & Sufiati, 1994: b30.

Syntype of *Bulla* (*Scaphander*) *javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn L, strat.: Neogene (RGM 7307: 1 specimen).

Genus *Cylichna*
*Cylichna triplicata* (Martin, 1916)

*Bullinella triplicata* Martin, 1916: 224, pl. 1, fig. 3.
*Bullinella triplicata* Martin – Martin, 1919: 70.
*Bullinella triplicata* Martin – van der Vlerk, 1931: 209.
*Cyclichna triplicata* (Martin) – Beets, 1941: 144.
*Cyclichna triplicata* (Martin) – Beets, 1987a: 45.
*Cyclichna triplicata* (Martin) – Skwarko & Sufiati, 1994: b28.

Syntypes of *Bullinella triplicata* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7335: 5 specimens); loc.: Kembangsokah (RGM 7334: 1 specimen, RGM 7336: 15 specimens, RGM 7337: 14 specimens); leg.: K. Martin (RGM 47095: 5 specimens).

The description was based on 62 specimens from Kembang Sokkoh and 6 from Gunung Spolong.

Genus *Roxania*
*Roxania jogjocartensis* Martin, 1914

*Roxania jogjacartensis* Martin, 1914: 110, pl. 1, figs. 2-3.
*Roxania jogjacartensis* Martin – van der Vlerk, 1931: 209.
*Roxania jogjacartensis* Martin – Skwarko & Sufiati, 1994: y9.

Syntypes of *Roxania jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7331: 2 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7330: 2 specimens, RGM 47160: 1 specimen); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 7332: 1 specimen).

The description was based on nine specimens.

*Roxania progoensis* Martin, 1916

*Roxania progoënsis* Martin, 1916: 223, pl. 1, fig. 1.
*Roxania* (*s.str.*) *progoënsis* Martin – Martin, 1921: 447.
*Roxania progoënsis* Martin – van der Vlerk, 1931: 209.
*Roxania progoënsis* Martin – Skwarko & Sufiati, 1994: y10.

Syntypes of *Roxania progoënsis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7323: 1 specimen); leg.: H. Martin-Icke (RGM 7325: 15 specimens); leg.: K. Martin (RGM 47100: 2 specimens).

The description was based on 23 specimens.

Skwarko & Sufiati (1994) indicated that 'Mount Spolong or Kembang Sokkoh' as the type locality. However, Martin based his description on material from Gunung Spolong, adding that the species possibly occurs at Kembang Sokkoh. Therefore the latter is certainly not the type locality.

*Roxania spolongensis* Martin, 1916

*Roxania spolongensis* Martin, 1916: 224, pl. 1, fig. 2.
*Roxania spolongensis* Martin – van der Vlerk, 1931: 209.
*Roxania spolongensis* Martin. – Skwarko & Sufiati, 1994: y10.

Syntypes of *Roxania spolongensis* Martin, 1916, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7328: 1 specimen, RGM 7329: 5 specimens, RGM 47132: 1 specimen).

The description was based on nine specimens

Genus *Talahabia*
*Talahabia dentifera* Martin, 1921

*Talahabia dentifera* Martin, 1921: 447, pl. 53, figs. 1-2.
*Talahabia dentifera* Martin – Martin, 1928: 118.
*Talahabia dentifera* Martin – Shuto, 1977: 134.
*Talahabia dentifera* Martin – Shuto, 1978: 107.
*Talahabia dentifera* Martin – Shuto, 1982: 132.
*Talahabia dentifera* Martin – Skwarko & Sufiati, 1994: b30.

Syntypes of *Talahabia dentifera* Martin, 1921, collector unknown, loc.: Citalahab, strat.: Nyalindung Formation, Middle Miocene (RGM 7315: 1 specimen); leg.: H. Martin-Icke (RGM 7314: 2 specimens, RGM 47093: 1 specimen).

Family Hamineidae
Subfamily Hamineinae
Genus *Atys*
*Atys beberkiriana* Martin, 1906

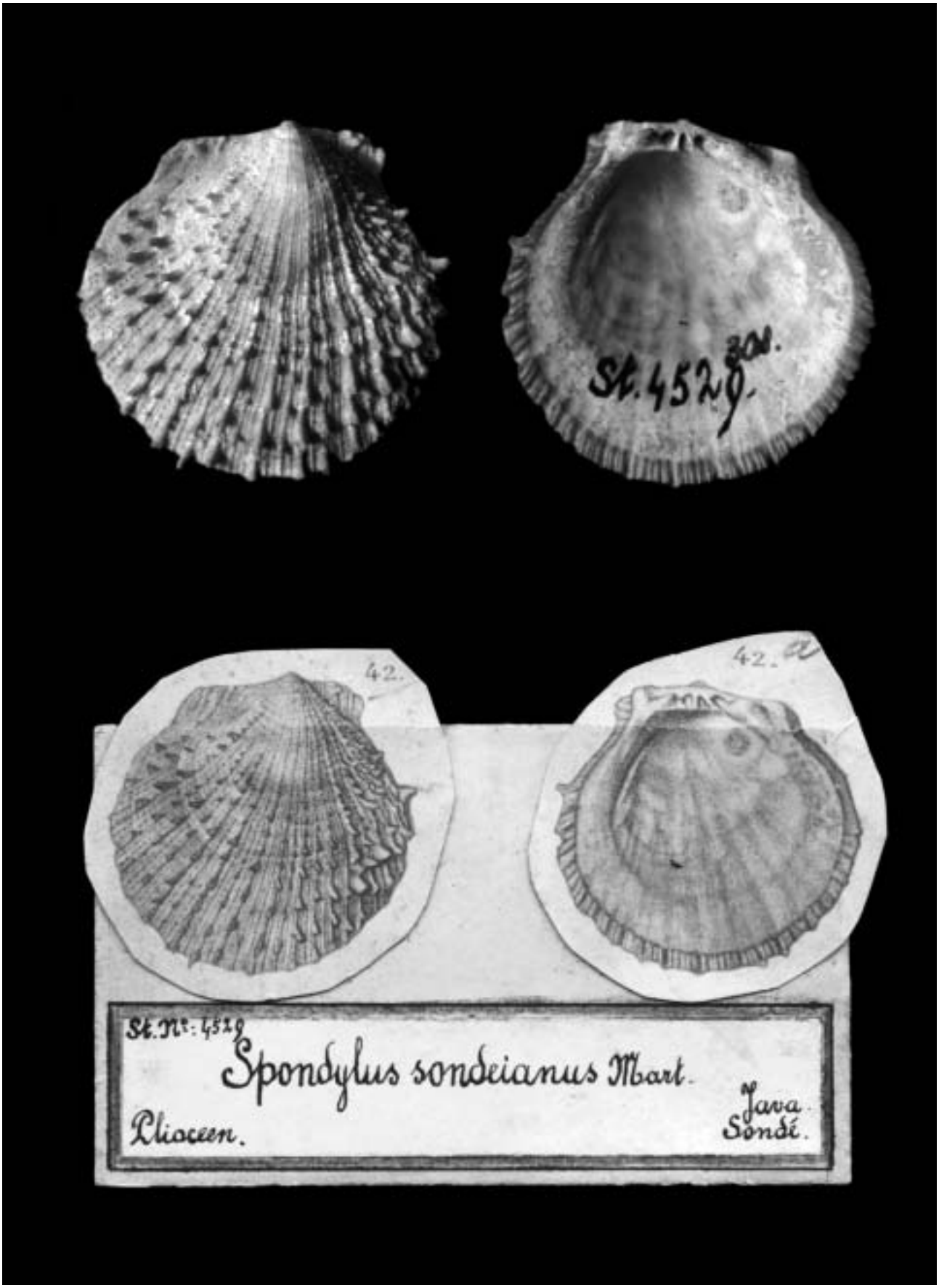
*Atys beberkiriana* Martin, 1906: 283, pl. 42, fig. 678.
*Atys berberikiriana* Martin – van der Vlerk, 1931: 209.
*Atys berberikiriana* Martin – Skwarko & Sufiati, 1994: b31.

Holotype of *Atys beberkiriana* Martin, 1906, leg.: R.D.M. Verbeek, loc.: Ci Beber, strat.: Lower Miocene (RGM 7318).

*Atys reussi* (Martin, 1879)

*Bulla Reussi* Martin, 1879: 86, pl. 13, fig. 23.
*Bulla* (*Atys*) *Reussi* Martin – Martin, 1895: 8.
*Bulla reussi* Martin – van der Vlerk, 1931: 210.
*Atys reussi* (Martin) – Skwarko & Sufiati, 1994: b31.

Syntypes of *Bulla Reussi* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 7349: 2 specimens).




Holotype of *Spondylus sondeianus* Martin, 1909, RGM4529, and the label of the sample including its original illustration (Martin, 1909; pl. 49, fig. 42)

## Bivalvia

Subclass Protobranchia
Order Nuculoida
Superfamily Nuculoidea
Family Nuculidae
Genus *Nucula*
Subgenus *Nucula* (*Nucula*)
*Nucula* (*Nucula*) *njalindungensis* Martin, 1919

*Nucula* sp. – Martin, 1914: 328.
*Nucula njalindungensis* Martin, 1919: 113, fig. 1.
*Nucula njalindungensis* Martin – Martin, 1928: 111.
*Nucula njalindungensis* Martin – van der Vlerk, 1931: 274.
*Nucula* aff. *njalindungensis* Martin – Haanstra & Spiker, 1932: 1322.
*Nucula* (*Nucula*) *njalindungensis* Martin – Beets, 1941: 146.
*Nucula* (*Nucula*) *njalindungensis* Martin – Beets, 1981a: 6.
*Nucula* (*Nucula*) *njalindungensis* Martin – Beets, 1981b: 17.
*Nucula* (*Nucula*) *njalindungensis* Martin – Beets, 1987a: 45.
*Nucula* (*Nucula*) *njalindungensis* Martin – Skwarko et al., 1994: c2.

Syntypes of *Nucula njalindungensis* Martin, 1919, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Preangerian (Miocene) (RGM 5354: 3 valves); loc.: Citalahab (RGM 5355: 2 pairs and 1 valve).
Skwarko et al. (1994) indicated Citalahab as the type locality.

Subgenus unknown
*Nucula rembangensis* Martin, 1919

*Nucula rembangensis* Martin, 1919: 113, fig. 3.
*Nucula rembangensis* Martin – van der Vlerk, 1931: 274.
*Nucula rembangensis* Martin – Skwarko et al., 1994: c1.

Syntypes of *Nucula rembangensis* Martin, 1919, collector unknown, loc.: Panowan River, Rembang, strat.: Rembang Formation, Lower Miocene (RGM 5356: 2 valves).

Superfamily Nuculanoidea
Family Nuculanidae
Genus *Nuculana*
Subgenus *Saccella*
*Nuculana* (*Saccella*) *dijki* (Martin, 1885)

*Leda Dijki* Martin, 1885: 232, pl. 12, fig. 235.
*Leda dijki* Martin – van der Vlerk, 1931: 273.
*Nuculana* (*Saccella*) *dijki* (Martin) – Shuto, 1982: 106.
*Nuculana* (*Saccella*) *dijki* (Martin) – Skwarko et al., 1994: c7.

Syntypes of *Leda Dijki* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 5358: 1 pair and 3 valves).

*Nuculana* (*Saccella*) *virgo* (Martin, 1879)

*Leda virgo* Martin, 1879: 113, pl. 19, fig. 8.
*Leda virgo* Martin – Tesch, 1913: 160.
*Leda virgo* Martin – van der Vlerk, 1931: 274.
*Nuculana* (*Saccella*) *virgo* (Martin) – Shuto, 1982: 106.
*Nuculana* (*Saccella*) *virgo* (Martin) – Skwarko et al., 1994: c8.

Syntypes of *Leda virgo* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 5357: 3 valves).

Subgenus unknown
*Nuculana martini* Finlay, 1927

*Crassatella alata* Martin, 1885: 228, pl. 11, fig. 230.
*Leda alata* Martin – Martin, 1919: 114.
*Nuculana martini* nom. nov. pro *Crassatella alata* Martin, 1887 non Müller, 1859 – Finlay, 1927: 523.
*Leda alata* Martin – van der Vlerk, 1931: 273.
*Nuculana martini* Finlay – Skwarko et al., 1994: c5.

Syntypes of *Crassatella alata* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole II, 180 m, strat.: Upper Miocene (RGM 5364: 3 valves). RGM 5364 is a breccia with 3 valves.

*Nuculana navicularis* (Martin, 1885)

*Crassatella navicularis* Martin, 1885: 228, pl. 11, fig. 229.
*Leda navicularis* Martin – van der Vlerk, 1931: 273.
*Nuculana navicularis* (Martin) – Skwarko et al., 1994: c5.

Holotype of *Crassatella navicularis* Martin, 1885, leg.: P. van Dijk, loc.: Gresik Borehole I, 201 m, strat.: Lower Miocene (RGM 5360: 1 valve).

*Nuculana radiata* (Martin, 1917)

*Leda radiata* Martin, 1917: 266, pl. 4, fig. 106.
*Leda radiata* Martin – van der Vlerk, 1931: 273.
*Nuculana radiata* (Martin) – Skwarko et al., 1994: c6.

Syntypes of *Leda radiata* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 5365: 1 pair); leg.: K. Martin (RGM 47308: 1 pair).

*Nuculana subquadrata* (Martin, 1885)

*Leda subquadrata* Martin, 1885: 234, pl. 12, fig. 238.
*Leda subquadrata* Martin – van der Vlerk, 1931: 274.
*Nuculana subquadrata* (Martin) – Skwarko et al., 1994: c6.

Syntypes of *Leda subquadrata* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m, strat.: Pliocene (RGM 5362: 1 valve); loc.: Blakan Kebon Borehole, Semarang (RGM 5363: 1 valve).

*Nuculana subtrigonalis* (Martin, 1885)

*Leda subtrigonalis* Martin, 1885: 234, pl. 12, fig. 237.
*Leda subtrigonalis* Martin – van der Vlerk, 1931: 274.
*Nuculana subtrigonalis* (Martin) – Skwarko et al., 1994: c6.

Holotype of *Leda subtrigonalis* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 5361: 1 valve).

*Nuculana transversa* (Martin, 1885)

*Leda transversa* Martin, 1885: 233, pl. 12, fig. 236.
*Leda transversa* Martin – van der Vlerk, 1931: 274.
*Nuculana transversa* (Martin) – Skwarko et al., 1994: c7.

Holotype of *Leda transversa* Martin, 1885, leg.: P. van Dijk, loc.: Blakan Kebon Borehole, Semarang, strat.: Pliocene? (RGM 5359: 1 valve).

Subclass Pteriomorphia
Order Arcoida
Superfamily Arcoidea
Family Arcidae
Subfamily Arcinae
Genus *Arca*
Subgenus *Arca* (*Arca*)
*Arca* (*Arca*) *granosa* Linnaeus, 1758

*Arca nodosa* Martin, 1879: 116, pl. 18, fig.12-13.
*Arca nodosa* Martin – Martin, 1881: 91.
*Arca nodosa* Martin – Martin, 1910: 367.
*Arca nodosa* Martin – Martin, 1922: 483.
*Arca nodosa* Martin – van der Vlerk, 1931: 272.
*Arca* (*Anadara*) *nodosa* Martin – Martin, 1926: 3.
*Arca* (*Arca*) *granosa* Linnaeus – Skwarko et al., 1994: c13.

Syntypes of *Arca nodosa* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 4748: 1 pair and 3 valves, RGM 4754: 13 valves); leg.: R.D.M. Verbeek (RGM 4760: 1 pair and 1 valve); collector unknown, loc.: Junghuhn T, strat.: Neogene (RGM 4757: 1 pair and 1 valve); leg.: F. Junghuhn (RGM 4759: 3 pairs). The original description was based on 33 specimens from Junghuhn localities 'O' and 'T'.

*Arca nodosa* is tentatively synonymized with *Arca granosa*. Skwarko et al. (1994), which is used for most current identifications, do not list *Arca nodosa*, except for the reference made by Martin (1936). Whether this means that they consider all of the material described as *Arca nodosa* as a junior synonym of *Arca granosa* or just the material described in 1936 is not clear.

*Arca* (*Arca*) *kelirenis* Martin, 1917

*Arca* (*s. str.*) *kelirensis* Martin, 1917: 265, pl.4, fig.101-102.
*Arca kelirensis* Martin – Martin, 1919: 59.
*Arca kelirensis* Martin – van der Vlerk, 1931: 271.
*Arca* (*Arca*) *kelirensis* Martin – Beets, 1941: 152.
*Arca* (*Arca*) *kelirensis* Martin – Skwarko et al., 1994: c15.

Syntypes of *Arca* (*s. str.*) *kelirensis* Martin, 1917, collector unknown, loc.: Gunung Spolong and Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 4702: 4 valves); leg.: K. Martin, loc.: Kembangsokah (RGM 47240: 1 valve).

*Arca* (*Arca*) *menengtengana* Martin, 1910

*Arca* (*Scapharca*) *menengtengana* Martin, 1910: 378, pl. 53, fig. 115.
*Arca menengtengana* Martin – Martin, 1919: 60.
*Arca* (*Anadara*) *Menengtengana* Martin – Tesch, 1920: 95.
*Arca* (*Anadara*) *menengtengana* Martin – Koperberg, 1931: 19.
*Arca menengtengana* Martin – van der Vlerk, 1931: 271.
*Arca menengtengana* Martin – Martin, 1932: 115.
*Arca* (*Arca*) *menengtengana* Martin – Oostingh, 1935: 137.
*Arca* (*Arca*) *menengtengana* Martin – Skwarko et al., 1994: c15.

Syntypes of *Arca* (*Scapharca*) *menengtengana* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Menengteng Gorge, Waled, Ceribon, strat.: Pliocene (RGM 4999: 1 pair); loc.: Sonde (RGM 5000: 2 valves, RGM 5001: 3 valves, RGM 5002: 5 valves).

Skwarko et al. (1994) indicated Sonde in Gedingan as the type locality, but no lectotype was assigned. The only complete specimen originates from the Menenteng Gorge, after which locality the species was named.

Subgenus unknown
*Arca angusta* Lamarck, 1805

*Arca* (*Barbatia*) *nanggulanensis* Martin, 1914: 183, pl. 7, fig. 190.
*Arca nanggulanensis* Martin – van der Vlerk, 1931: 272.
*Arca? nanggulanensis* Martin – Piccoli & Savazzi, 1983: 32.
*Arca angusta* Lmk – Piccoli & Savazzi, 1983: 32.
*Arca angusta* Lamarck – Skwarko et al., 1994: c8.

Holotype of *Arca* (*Barbatia*) *nanggulanensis* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, O1, Middle Eocene (RGM 4726: 1 valve).

*Arca debilis* Martin, 1885

*Arca debilis* Martin, 1885: 260, pl. 13, fig. 264.
*Arca debilis* Martin – van der Vlerk, 1931: 270.
*Arca debilis* Martin – Wanner & Hahn, 1935: 268.
*Arca* (*Acar*) *debilis* Martin – Pannekoek, 1936: 64.
*Arca debilis* Martin – Skwarko et al., 1994: c9.

Syntypes of *Arca debilis* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Rembang Formation, Lower Miocene (RGM 4712: 7 valves); ).

The description was based on 12 specimens.

Skwarko et al. (1994) indicated that the types are in an Amsterdam collection (presumably GI-UvA).

*Arca fuscoides* Martin, 1882

*Arca fuscoides* Martin, 1882: 244, pl. 12, fig. 38.
*Arca fuscoides* Martin – van der Vlerk, 1931: 271.
*Arca fuscoides* Martin – Skwarko et al., 1994: c9.

Holotype of *Arca fuscoides* Martin, 1882, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4706: 1 valve).

*Arca granifera* Martin, 1885

*Arca granifera* Martin, 1885: 259, pl. 13, fig. 263.
*Arca granifera* Martin – van der Vlerk, 1931: 271.
*Arca granifera* Martin – Skwarko et al., 1994: c10.

Syntypes of *Arca granifera* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 4701: 4 valves); loc.: Yogyakarta (RGM 4700: 1 valve).

*Arca incerta* Martin, 1882

*Arca incerta* Martin, 1882: 243, pl. 12, fig. 37.
*Arca incerta* Martin – van der Vlerk, 1931: 271.
*Arca incerta* Martin – Skwarko et al., 1994: c10.

Holotype of *Arca incerta* Martin, 1882, leg.: F. Junghuhn, loc.: Junghuhn L, strat.: Neogene (RGM 5021: 1 valve).

*Arca pseudoantiquata* Martin, 1882

*Arca pseudo-antiquata* Martin, 1882: 242, pl. 12, fig. 36.
*Arca pseudoantiquata* Martin – van der Vlerk, 1931: 272.

*Arca pseudoantiquata* Martin – Skwarko et al., 1994: c12.

Holotype of *Arca pseudo-antiquata* Martin, 1882, collector unknown, loc.: Cidamar, strat.: Upper Miocene (RGM 4787: pair).

### *Arca sinuata* Martin, 1885

*Arca sinuata* Martin, 1885: 257, pl. 13, fig. 261.
*Arca sinuata* Martin – van der Vlerk, 1931: 272.
*Arca sinuata* – von Kutassy, 1934: 311.
*Arca sinuata* Martin – Skwarko et al., 1994: c12.

Holotype of *Arca sinuata* Martin, 1885, leg.: P. van Dijk, loc.: Gresik, strat.: Quaternary (RGM 4703: 1 valve).

### *Arca tjidamarensis* Martin, 1879

*Arca tjidamarensis* Martin, 1879: 117, pl. 18, fig. 15.
*Arca tjidamarensis* Martin – Icke & Martin, 1907b: 247.
*Arca tjidamarensis* Martin – van der Vlerk, 1931: 272.
*Arca tjidamarensis* Martin – Skwarko et al., 1994: c12.

Syntypes of *Arca tjidamarensis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4800: 6 valves, RGM 4802: 5 valves, RGM 4803: 6 valves, RGM 4804: 5 valves, RGM 4805: 7 valves, RGM 4806: 8 valves).
The description was based on 70 specimens.

## Genus *Barbatia*
## Subgenus *Barbatia* (*Barbatia*)
### *Barbatia* (*Barbatia*) *fusca* (Bruguière, 1789)

*Arca* (*Barbatia*) *javana* Martin, 1910: 362, pl. 51, fig. 77.
*Arca javana* Martin – Martin, 1919: 59.
*Arca javana* Martin – van der Vlerk, 1931: 271.
*Barbatia* (*Barbatia*) *fusca* (Bruguière) – Skwarko et al., 1994: c19.

Holotype of *Arca* (*Barbatia*) *javana* Martin, 1910, leg.: R.D.M. Verbeek, loc.: between Cilintung and Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 4707: 1 valve).

## Subgenus *Barbatia* (*Acar*)
### *Barbatia* (*Acar*) *trapeziformis* (Martin, 1879)

*Arca trapeziformis* Martin, 1879: 115, pl. 18, fig. 8.
*Arca* (*Acar*) *trapeziformis* Martin – Boettger, 1883: 74.
*Arca* (*Acar*) *trapeziformis* Martin – Martin, 1910: 365.
*Arca trapeziformis* Martin – van der Vlerk, 1931: 273.
*Barbatia* (*Acar*) *trapeziformis* (Martin) – Skwarko et al., 1994: c20.

Holotype of *Arca trapeziformis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4727: 1 valve).

## Subgenus unknown
### *Barbatia gibba* (Martin, 1879)

*Arca gibba* Martin, 1879: 114, pl. 18, fig. 7.
*Arca* (*Barbatia*) *gibba* Martin – Boettger, 1883: 73.
*Arca* (*Barbatia*) *gibba* Martin – Martin, 1910: 363.
*Arca* (*Barbatia*) *gibba* Martin – Oostingh, 1923: 108.
*Arca gibba* Martin – van der Vlerk, 1931: 271.
*Barbatia gibba* (Martin) – Skwarko et al., 1994: c17.

Holotype of *Arca gibba* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4710: 1 valve).

### *Barbatia malaiana* (Martin, 1917)

*Arca* (*Barbatia*) *malaiana* Martin, 1917: 265, pl. 4, figs. 103-104.
*Arca malaiana* Martin – van der Vlerk, 1931: 271.
*Barbatia malaina* (Martin) – Skwarko et al., 1994: c17.

Syntypes of *Arca* (*Barbatia*) *malaiana* Martin, 1917, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 4724: 1 pair and 1 valve); leg.: K. Martin (RGM 47131: 1 valve).

### *Barbatia rembangensis* (Martin, 1910)

*Arca* (*Barbatia*) *rembangensis* Martin, 1910: 363, pl. 51, figs. 78-79.
*Arca rembangensis* Martin – van der Vlerk, 1931: 272.
*Barbatia rembangensis* (Martin) – Cox, 1948: 63.
*Barbatia rembangensis* Martin – Skwarko et al., 1994: c18.

Syntypes of *Arca* (*Barbatia*) *rembangensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 4708: 2 valves, RGM 4709: 1 valve).

### *Barbatia subtrigonalis* (Martin, 1885)

*Arca subtrigonalis* Martin, 1885: 261, pl. 13, fig. 265.
*Arca* (*Barbatia*) *subtrigonalis* Martin – Koperberg, 1931: 14.
*Arca subtrigonalis* Martin – van der Vlerk, 1931: 272.
*Barbatia subtrigonalis* Martin – Skwarko et al., 1994: c18.

Syntypes of *Arca subtrigonalis* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 4716: 1 pair and 1 valve).

### *Barbatia sundaiana* (Martin, 1917)

*Arca* (*Barbatia*) *sundaina* Martin, 1917: 266, pl. 4, fig. 105.
*Arca sundaiana* Martin – van der Vlerk, 1931: 272.
*Barbatia sundaiana* Martin – Skwarko et al., 1994: c18.

Syntypes of *Arca* (*Barbatia*) *sundaina* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 4725: 1 pair and 4 valves).

## Genus *Trisidos*
### *Trisidos palabuanensis* (Martin, 1910)

*Arca* (*Paralellopipedum*) *palabuanensis* Martin, 1910: 382, pl. 53, figs. 104-105.
*Arca palabuanensis* Martin – van der Vlerk, 1931: 272.
*Trisidos palabuanensis* (Martin) – Skwarko et al., 1994: c21.

Syntypes of *Arca* (*Paralellopipedum*) *palabuanensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Ciodeng, strat.: Upper Miocene (RGM 5022: 1 valve, RGM 5023: 2 valves).
The description was based on four specimens.

## Subfamily Anadarinae
## Genus *Anadara*
## Subgenus *Anadara* (*Anadara*)
## *Anadara* (*Anadara*) *antiquata* (Linnaeus, 1758)

*Arca antiquata* Linnaeus – Martin, 1879: 117, pl. 18, fig. 14.
*Arca* (*Anadara*) *Fennemai* Martin, 1910: 371, pl. 52, fig. 96.
*Arca* (*Anadara*) *Junghuhni* Martin, 1910: 371, pl. 52, fig. 97.
*Arca Fennemai* Martin – Martin, 1919: 60.
*Arca Junghuhni* Martin – Martin, 1919: 60.
*Arca* (*Anadara*) *Junghuhni* Martin – Martin, 1922: 483.
*Arca Fennemai* Martin – Martin, 1928: 116.
*Arca Junghuhni* Martin – Martin, 1928: 116.
*Arca Fennemai* Martin – Siemon, 1929: 54.
*Anadaria* (*Anadaria*) *antiquata* (Linnaeus) – Skwarko et al., 1994: d3.

Holotype of *Arca* (*Anadara*) *Fennemai* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 4788: 1 valve).

Syntypes of *Arca* (*Anadara*) *Junghuhni* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 4790: 1 valve, RGM 4793: 1 valve).

## *Anadara* (*Anadara*) *biformis* (Martin, 1885)

*Arca Burnesi* d'Arch. – Martin, 1885: 245. (pars).
*Arca biformis* Martin, 1885: 246, pl. 13, fig. 251.
*Arca Burnesi* d'Arch. – Icke & Martin, 1907b: 246.
*Arca* (*Anadara*) *tjaringinensis* Martin, 1910: 372, pl. 52, figs. 98-100.
*Arca* (*Scapharca*) *biformis* Martin – Martin, 1910: 377.
*Arca biformis* Martin – Martin, 1919: 60.
*Arca* (*Anadara*) *biformis* Martin – Tesch, 1920: 94.
*Arca* (*Anadara*) *Menengtengana* Martin – Tesch, 1920: 95.
*Arca* (*Scapharca*) *biformis* Martin – Fischer, 1927: 34.
*Arca biformis* Martin – van der Vlerk, 1931: 270.
*Arca hulshofi* Martin – Haanstra & Spiker, 1932: 1314.
*Arca tjaringinensis* Martin – Haanstra & Spiker, 1932: 1314.
*Arca* (*Anadara*) *biformis* Martin – von Kutassy, 1934: 310.
*Arca* (*Arca*) *biformis* Martin – Oostingh, 1935: 136.
*Arca biformis* Martin – Beets, 1950: 337.
*Anadara* (*Anadara*) *biformis* (Martin) – Shuto, 1978: 108.
*Scapharca* (*Scapharca*) *biformis* (Martin) – Beets, 1987a: 47.
*Anadara* (*Anadara*) *biformis* (Martin) – Skwarko et al., 1994: d4.

Syntypes of *Arca biformis* Martin, 1885, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 4842: 2 valves).

Syntypes of *Arca* (*Anadara*) *tjaringinensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 4796: 3 valves, RGM 4797: 18 valves, RGM 4798: 19 valves, RGM 4799: 24 valves). Sample RGM **4749** contains left valves only. Sample RGM 4798 contains right valves only.

The species is tentatively synonymized with *Anadara biformis*. Skwarko et al. (1994), which is used for determining current identifications, does not mention the original description of *Arca tjaringinensis*, but places the record of Haanstra & Spiker (1932) in the synonymy of *Anadara biformis*. The description was based on 88 specimens.

## *Anadara* (*Anadara*) *tambacana* (Martin, 1885)

*Arca tambacana* Martin, 1885: 244, pl. 12, fig. 249.
*Arca* (*Anadara*) *tambacana* Martin – Martin, 1910: 367.
*Arca tambacana* Martin – Martin, 1919: 60.
*Arca* (*Anadara*) *tambacana* Martin – Martin, 1926: 4.
*Arca tambacana* Martin – Siemon, 1929: 41.
*Arca tambacana* Martin – van der Vlerk, 1931: 272.
*Arca tambacana* Martin – Martin, 1932: 149.
*Arca* (*Arca*) *tambacana* Martin – Oostingh, 1935: 135.
*Anadara* (*Anadara*) *tambacana* (Martin) – Shuto, 1971: 14.
*Anadara tambacana* (Martin) – Shuto, 1977: 139.
*Anadara* (*Anadara*) *tambacana* (Martin) – Shuto, 1978: 104.
*Anadara* (*Anadara*) *tambacan* (Martin) – Shuto, 1982: 111.
*Anadara* (*Anadara*) *tambacana* Martin – Kotaka & Hasibuan, 1983: 6.
*Anadara* (*Anadara*) *tambacana* (Martin) – Skwarko et al., 1994: d6.

Syntypes of *Arca tambacana* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole II, 130 m, strat.: Upper Miocene (RGM 4766: 2 valves).

The types are in the NNM collections and not in the GRDC collections (Bandung) as indicated by Skwarko & Sufiati (1994).

## Subgenus unknown
## *Anadara djadjariensis* (Martin, 1910)

*Arca* (*Anadara*) *djadjariensis* Martin, 1910: 365, pl. 51, fig. 84.
*Arca djadjariensis* Martin – Siemon, 1929: 50.
*Arca djadjariensis* Martin – van der Vlerk, 1931: 270.
*Anadara djadjariensis* Martin – Skwarko et al., 1994: d1.

Syntypes of *Arca* (*Anadara*) *djadjariensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 4737: 2 valves).

## *Anadara molengraaffi* (Martin, 1914)

*Arca* (*Anadara*) *Molengraaffi* Martin, 1914: 184, pl. 7, figs. 191-192.
*Arca molengraaffi* Martin – van der Vlerk, 1931: 271.
*Anadara molengraaffi* (Martin) – Piccoli & Savazzi, 1983: 32.
*Anadara molengraaffi* (Martin) – Skwarko et al., 1994: d1.

Syntypes of *Arca* (*Anadara*) *Molengraaffi* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Middle Eocene (RGM 4808: 2 valves, RGM 4809: 5 valves, RGM 47171: 3 valves).

The description was based on 12 specimens.

## *Anadara pangkaensis* (Martin, 1910)

*Arca* (*Anadara*) *pangkaënsis* Martin, 1910: 372, pl. 53, fig. 117.
*Arca pangkaënsis* Martin – van der Vlerk, 1931: 272.
*Arca pangkaensis* Martin – Shuto, 1971: 20.
*Anadara pangkaensis* Martin – Skwarko et al., 1994: d2.

Holotype of *Arca* (*Anadara*) *pangkaënsis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Pangkah, strat.: Pliocene (RGM 4807: 1 valve).

## *Anadara preangerensis* (Martin, 1910)

*Arca antiquata* Linnaeus – Martin, 1879: 117.
*Arca* (*Anadara*) *preangerensis* Martin, 1910: 371, .
*Arca preangerensis* Martin – van der Vlerk, 1931: 272.
*Anadara preangerensis* (Martin) – Skwarko et al., 1994: d2.

Syntypes of *Arca* (*Anadara*) *preangerensis* Martin, 1910, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Upper Miocene (RGM 4782: 4 valves).

Martin (1879) originally described these specimens

as *Arca antiquata* Linnaeus. One of these specimens is illustrated in Martin, 1879: Pl. 18, fig. 14.

The description was based on five specimens from Junghuhn localities O and Y. Only four specimens from locality O were located in the NNM Collections.

Genus *Scapharca*
Subgenus *Scapharca* (*Scapharca*)
*Scapharca* (*Scapharca*) *gedinganensis* (Martin, 1910)

*Arca* (*Scapharca*) *gedinganensis* Martin, 1910: 381, pl. 54, figs. 121-122.
*Arca gedinganensis* Martin – van der Vlerk, 1931: 271.
*Arca* (*Scapharca*) *gedinganensis* (Martin) – Shuto, 1971: 13.
*Scapharca* (*Scapharca*) *gedinganensis* Martin – Skwarko et al., 1994: e1.

Syntypes of *Arca* (*Scapharca*) *gedinganensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 5009: 2 valves, RGM 5010: 2 valves, RGM 5011: 6 valves, RGM 5012: 8 valves, RGM 5013: 7 valves).

The description was based on 42 specimens.

*Scapharca* (*Scapharca*) *hulshofi* (Martin, 1910)

*Arca* (*Scapharca*) *Hulshofi* Martin, 1910: 376, pl. 53, figs. 109-111.
*Arca hulshofi* Martin – van der Vlerk, 1931: 271.
*Arca hulshofi* Martin – Haanstra & Spiker, 1932: 1097.
*Arca* (*Scapharca*) *hulshofi* Martin – Pannekoek, 1936: 65.
*Scapharca* (*Scapharca*) *hulshofi* (Martin) – Beets, 1987a: 47.
*Scapharca* (*Scapharca*) *hulshofi* Martin – Skwarko et al., 1994: e1.

Syntypes of *Arca* (*Scapharca*) *Hulshofi* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 4837: 1 pair and 4 valves, RGM 4840: 7 valves); collector unknown, loc.: Sedan (RGM 4838: 1 valve); leg.: R.D.M. Verbeek (RGM 4841: 7 valves).

Sample RGM 4837 also contains the specimen illustrated by Martin (1910: pl. 53, fig. 102). This specimen is not included in the type series, since Martin clearly considered it a variety (ICZN Art. 72b1).

*Scapharca* (*Scapharca*) *multiformis* (Martin, 1879)

*Arca multiformis* Martin, 1879: 115, pl.18, figs. 9-11.
*Arca multiformis* Martin – Martin, 1881: 116.
*Arca* (*Scapharca*) *multiformis* Martin – Martin, 1910: 375, pl. 53, fig. 107.
*Arca multiformis* Martin – Martin, 1919: 60.
*Arca multiformis* Martin – Martin, 1928: 116.
*Arca* cf. *multiformis* Martin – Siemon, 1929: 21.
*Arca multiformis* Martin – van der Vlerk, 1931: 272.
*Arca multiformis* Martin – Haanstra & Spiker, 1932: 1314.
*Arca* (*Scapharca*) *multiformis* Martin – Beets, 1941: 171.
*Arca multiformis* Martin – Beets, 1950h: 337.
*Scapharca* (*Scapharca*) *multiformis* (Martin) – Beets, 1987c: 119.
*Scapharca* (*Scapharca*) *multiformis* (Martin) – Skwarko et al., 1994: e2.

Syntypes of *Arca multiformis* Martin, 1879, leg.: R.D.M. Verbeek, loc.: Junghuhn O, strat.: Tertiary (RGM 4834: 3 valves, RGM 4835: 5 valves); leg.: F. Junghuhn, strat.: Cilanang Formation, Tertiary (RGM 4824: 1 pair and 2 valves, RGM 4825: 11 valves, RGM 4828: 32 valves).

The description was based on nearly 100 specimens. One of the specimens from RGM 4824 was illustrated by Martin (1910: pl. 53, fig. 107).

*Scapharca* (*Scapharca*) *nannodes* (Martin, 1887)

*Arca nannodes* Martin, 1885: 255, pl. 13, fig. 259.
*Arca* (*Scapharca*) *nannodes* Martin – Boettger, 1908: 668.
*Arca nannodes* Martin – van der Vlerk, 1931: 272.
*Scapharca* (*Scapharca*) *nannodes* Martin – Skwarko et al., 1994: e2.

Syntypes of *Arca nannodes* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole II, 130 m, strat.: Upper Miocene (RGM 5018: 5 valves); loc.: Batavia Borehole II, 180 m (RGM 5020: 1 valve); loc.: Batavia Borehole III, 117 m (RGM 5019: 1 valve).

Subgenus unknown
*Scapharca sedanensis* (Martin, 1910)

*Arca* (*Scapharca*) *sedanensis* Martin, 1910: 381, pl. 54, figs. 126-127.
*Arca sedanensis* Martin – van der Vlerk, 1931: 272.
*Arca* (*Scapharca*) *sedanensis* Martin – van Regteren Altena & Beets, 1945: 51.
*Anadara* (*Scapharca*) *sedanensis* (Martin) – Shuto, 1978: 104.
*Scapharca sedanensis* Martin – Skwarko et al., 1994: d9.

Syntypes of *Arca* (*Scapharca*) *sedanensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 5014: 1 pair and 1 valve, RGM 5016: 2 valves); loc.: Sedan (RGM 5015: 1 valve).

*Scapharca tegalensis* (Martin, 1910)

*Arca* (*Scapharca*) *tegalensis* Martin, 1910: 374, pl. 53, fig. 106.
*Arca tegalensis* Martin – van der Vlerk, 1931: 272.
*Scapharca tegalensis* (Martin) – Skwarko et al., 1994: d9.

Syntypes of *Arca* (*Scapharca*) *tegalensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Pangkah, strat.: Pliocene (RGM 4821: 2 valves).

*Scapharca tjilanangensis* (Martin, 1910)

*Arca cornea* Reeve – Martin, 1879: 118.
*Arca* (*Scapharca*) *tjilanangensis* Martin, 1910: 380, .
*Arca tjilanangensis* Martin – van der Vlerk, 1931: 273.
*Scapharca tjilanangensis* (Martin) – Skwarko et al., 1994: e1.

Holotype of *Arca* (*Scapharca*) *tjilanangensis* Martin, 1910, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 5008: 1 valve).

Skwarko et al. (1994) indicated Junghuhn locality C or K as the type locality, which is incorrect.

Family Noetiidae
Subfamily Striarcinae
Genus *Striarca*
*Striarca compressa* (Martin, 1885)

*Arca compressa* Martin, 1885: 252, pl. 13, fig. 255.
*Arca* (*Barbatia*) *bataviana* Martin – Martin, 1910: 364.
*Arca* (*Barbatia*) *compressa* Martin – Tesch, 1920: 98.
*Arca* (*Barbatia*) *compressa* Martin – Fischer, 1927: 117.
*Arca compressa* Martin – van der Vlerk, 1931: 270.
*Striarca compressa* (Martin) – Beets, 1987c: 120.
*Striarca compressa* (Martin) – Skwarko et al., 1994: e4.

Syntype of *Arca compressa* Martin, 1885, leg.: R.D.M.

Verbeek, loc.: Kassi Marinu (Timor), strat.: Pliocene (RGM 4723: 1 valve).

The description was based on two specimens.

Genus *Arcopsis*
Subgenus *Arcopsis* (*Arcopsis*)
*Arcopsis* (*Arcopsis*) *altenai* Beets, 1986

*Arca bataviana* (pars) – Martin, 1885: 253-254, pl. 13, fig. 257.
*Arcopsis* (*Arcopsis*) *altenai* Beets, 1986: 121.
*Arcopsis* (*Arcopsis*) *altenai* Beets – Skwarko et al., 1994: e5.

Holotype of *Arcopsis* (*Arcopsis*) *altenai* Beets, 1986, leg.: P. van Dijk, loc.: Batavia Borehole IV, 130-134 m, strat.: Pliocene? (RGM 4719: 1 valve).

This specimen was originally described by Martin as a variety of *Arca bataviana*.

*Arcopsis* (*Arcopsis*) *bataviana* (Martin, 1885)

*Arca bataviana* Martin, 1885: 253, pl. 13, fig. 256.
*Arca bataviana* Martin – van der Vlerk, 1931: 270.
*Arcopsis bataviana* (Martin) – Shuto, 1971: 22.
*Arcopsis bataviana* (Martin) – Shuto, 1977: 139.
*Arcopsis bataviana* (Martin) – Shuto, 1978: 106.
*Arcopsis* (*Arcopsis*) *bataviana* (Martin) – Beets, 1987c: 120.
*Arcopsis* (*Arcopsis*) *bataviana* (Martin) – Skwarko et al., 1994: e5.

Lectotype of *Arca bataviana* Martin, 1885, leg.: P. van Dijk, loc.: ? Ngembak, Borehole B, strat.: Miocene (RGM 4718: 1 valve).

Martin based his description on ten specimens, but indicated that some of these seemed to represent a variety. He did not indicate in his article which specimens were included in the variety, but this information is given on the original labels. Beets (1986) described this variety as *Arcopsis* (*Arcopsis*) *altenai* and selected RGM 4718 as the lectotype of *Arca bataviana*.

*Arcopsis* (*Arcopsis*) *gembacana* (Martin, 1885)

*Arca gembacana* Martin, 1885: 254, pl. 13, fig. 258.
*Arca* (*Acar*) *gembacana* Martin – Martin, 1910: 360.
*Arca gembacana* Martin – van der Vlerk, 1931: 271.
*Arca* (*Arcopsis*) *gembacana* Martin – Oostingh, 1935: 128.
*Arcopsis* (*Arcopsis*) *gembacana* (Martin) – Skwarko et al., 1994: e6.

Holotype of *Arca gembacana* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 4728: 1 valve).

Family Cucullaeidae
Genus *Cucullaea*
*Cucullaea pamotanensis* Martin, 1910

*Cucculaea pamotanensis* Martin, 1910: 385, pl. 54, figs. 132-133.
*Cucullaea pamotanenesis* Martin – van der Vlerk, 1931: 273.
*Arca* (*Cucullaea*) *pamotanensis* Martin – Pannekoek, 1936: 65.
*Cucullaea pamotanensis* Martin – Skwarko et al., 1994: e4.

Syntypes of *Cucculaea pamotanensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Pamotan, strat.: Rembang Formation, Lower Miocene (RGM 5293: 2 valves).

*Cucullaea sindangbarensis* Martin, 1910

*Cucullaea auriculifera* Lamarck – Martin, 1879: 118, pl. 18, figs. 5-6.
*Cucculaea sindangbaranensis* Martin, 1910: 383, pl. 54, fig. 128.
*Cucullaea sindangbarensis* Martin – van der Vlerk, 1931: 383.
*Cucullaea sindangbarensis* Martin – van Regteren Altena & Beets, 1945: 51.
*Cucullaea sindangbarensis* Martin – Skwarko et al., 1994: e4.

Syntypes of *Cucculaea sindangbaranensis* Martin, 1910, leg.: F. Junghuhn, unknown locality, strat.: Miocene (RGM 5291: 1 pair, RGM 5301: 1 pair); loc.: Junghuhn C (RGM 5290: 1 pair); loc.: Junghuhn K (RGM 5289: 1 pair, RGM 5292: 1 pair and 1 valve).

RGM 5292 is the specimen illustrated by Martin (1879: pl. 18, figs. 5-6) under the name *Cucullaea auriculifera*.

Superfamily Limopsoidea
Family Limopsidae
Genus *Limopsis*
Subgenus *Limopsis* (*Pectunculina*)
*Limopsis* (*Pectunculina*) *fenestrata* (Martin, 1885)

*Pectunculina fenestrata* Martin, 1885: 238, pl. 12, fig. 243.
*Limopsis fenestrata* Martin – van der Vlerk, 1931: 273.
*Limopsis* (*Pectunculina*) *fenestrata* Martin – Skwarko et al., 1994: e8.

Syntypes of *Pectunculina fenestrata* Martin, 1885, leg.: P. van Dijk, loc.: Gresik Borehole, 631 and 725 m, strat.: Lower Miocene (RGM 5341: 2 valves).

*Limopsis* (*Pectunculina*) *multistriata* (Bruguière, 1789)

*Pectunculina ovata* Martin, 1885: 239, pl. 12, fig. 244.
*Pectunculina venusta* Martin, 1885: 240, pl. 12, fig. 245.
*Limopsis venusta* Martin – Martin, 1919: 61.
*Limopsis venusta* Martin – Fischer, 1927: 120.
*Limopsis ovata* Martin – van der Vlerk, 1931: 273.
*Limopsis venusta* Martin – van der Vlerk, 1931: 273.
*Limopsis venusta* (Martin) – Oostingh, 1935: 141.
*Limopsis* (*Pectunculina*) *multistriata* (Bruguière) – Skwarko et al., 1994: e8.

Holotype of *Pectunculina ovata* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 5342: 1 valve).

Syntypes of *Pectunculina venusta* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m, strat.: Pliocene (RGM 5343: 1 valve); loc.: Suku Bandu, strat.: Neogene (RGM 5344: 1 valve).

*Limopsis* (*Pectunculina*) *perobliqua* (Martin, 1885)

*Pectunculina perobliqua* Martin, 1885: 238, pl. 12, fig. 242.
*Limopsis perobliqua* Martin – van der Vlerk, 1931: 273.
*Limopsis* (*Pectunculina*) *perobliqua* (Martin) – Skwarko et al., 1994: e9.

Holotype of *Pectunculina perobliqua* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 5340: 1 valve).

Family Glycymerididae
Genus *Glycymeris*
Subgenus *Glycymeris* (*Glycymeris*)
*Glycymeris* (*Glycymeris*) *angsanana* (Martin, 1922)

*Axinaea* (*s. str.*) *angsanana* Martin, 1922: 484, pl. 61, fig. 104.
*Axinaea angasanana* Martin – van der Vlerk, 1931: 273.
*Pectunculus* (*Axinaea*) *angsanana* Martin – Haanstra & Spiker, 1932: 1103.
*Axinaea* (*s. str.*) *angsanana* Martin – Wanner & Hahn, 1935: 268.
*Glycymeris* (*Pectunculus*) *angsananus* Martin – Pannekoek, 1936: 65.
*Glycymeris* (*Glycymeris*) *angsanana* Martin – Skwarko et al., 1994: e11.

Syntypes of *Axinaea* (*s. str.*) *angsanana* Martin, 1922, collector unknown, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 5325: 3 valves); leg.: H. Martin-Icke (RGM 5324: 3 valves).

The description was based on eight valves.

Subgenus unknown
*Glycymeris dunkeri* (Boettger, 1883)

*Pectunculina undulata* Martin, 1885: 241, pl. 12, fig. 246-247.
*Axinea* (*s. str.*) *Dunkeri* Boettg. – Martin, 1914: 184, pl. 7, fig. 193-195.
*Glycymeris dunkeri* (Boettger) – Skwarko et al., 1994: e10.

Syntypes of *Pectunculina undulata* Martin, 1885, leg.: P. van Dijk, loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 5295: 4 valves). Sample RGM 5295 consists of marl with many specimens.

*Glycymeris gembacana* (Martin, 1885)

*Pectunculus gembacanus* Martin, 1885: 236, pl. 12, fig. 240.
*Axinea gembacana* Martin – van der Vlerk, 1931: 273.
*Glycymeris gembacanus* (Martin) – Skwarko et al., 1994: e10.

Syntype of *Pectunculus gembacanus* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 5320: 1 valve).

*Glycymeris junghuhni* (Martin, 1879)

*Pectunculus Junghuhni* Martin, 1879: 119, pl. 19, fig. 7.
*Axinaea junghuhni* Martin – van der Vlerk, 1931: 273.
*Anadara* (*Scapharca*) *junghuhni* (Martin) – Shuto, 1978: 104.
*Glycymeris junghuhni* Martin – Skwarko et al., 1994: e10.

Holotype of *Pectunculus Junghuhni* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 5323: 1 valve).

*Glycymeris martini* Finlay, 1927

*Pectunculus orbicularis* Martin, 1885: 235, pl. 12, fig. 239.
*Glycymeris martini* nom. nov. pro *Pectunculus orbicularis* Martin, 1887 non Da Costa, 1778 – Finlay, 1927: 525.
*Axinaea orbicularis* Martin – van der Vlerk, 1931: 273.
*Glycymeris martini* Finlay – Skwarko et al., 1994: e10.

Syntypes of *Pectunculus orbicularis* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 5319: 2 valves).

*Glycymeris puruensis* (Martin, 1914)

*Axinaea* (*s. str.*) *puruensis* Martin, 1914: 186, pl. 5, fig. 196.
*Axinea puruensis* Martin – van der Vlerk, 1931: 273.
*Glycymeris puruensis* (Martin) – Piccoli & Savazzi, 1983: 32.
*Glycymeris puruensis* (Martin) – Skwarko et al., 1994: e11.

Syntypes of *Axinaea* (*s. str.*) *puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 5317: 1 valve); leg.: P. van Dijk, loc.: Yogyakarta, strat.: Nanggulan Formation, Middle Eocene (RGM 5318: 1 valve).

Martin mentioned specimen no. 476 (= RGM 5318) from the van Dijk collection in his description.

Order Mytiloida
Superfamily Mytiloidea
Family Mytilidae
Subfamily Mytilinae
Genus *Mytilus*
*Mytilus javanus* (Martin, 1879)

*Modiola javana* Martin, 1879: 121, pl. 20, fig. 3.
*Mytilus javanus* Martin – Martin, 1910: 357.
*Mytilus javanus* Martin – van der Vlerk, 1931: 270.
*Mytilus javana* (Martin) – Skwarko et al., 1994: e13.

Syntypes of *Modiola javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4677: 1 valve, RGM 4678: 2 valves).

*Mytilus ovatus* Martin, 1879

*Mytilus ovatus* Martin, 1879: 121, pl. 20, fig. 2.
*Mytilus ovatus* Martin – van der Vlerk, 1931: 270.
*Mytilus ovatus* Martin – Skwarko et al., 1994: e13.

Holotype of *Mytilus ovatus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4676: 1 valve).

Genus *Septifer*
*Septifer lingua* (Martin, 1879)

*Mytilus* (*Septifer*) *lingua* Martin, 1879: 121, pl. 20, fig. 4.
*Septifer lingua* Martin – van der Vlerk, 1931: 270.
*Septifer lingua* Martin – Skwarko et al., 1994: e15.

Holotype of *Mytilus* (*Septifer*) *lingua* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4681: 1 valve).

Subfamily Lithophaginae
Genus *Lithophaga*
*Lithophaga affinis* (Martin, 1879)

*Modiola affinis* Martin, 1879: 120, pl. 20, fig. 1.
*Lithodomus Verbeeki* – Boettger, 1880: 86.
*Lithodomus affinis* Martin – Martin, 1881: 99.
*Lithophagus affinis* Martin – Boettger, 1883: 28.
*Lithodomus* (*s.str.*) *affinis* Martin – Martin, 1917: 264.
*Lithodomus affinis* Martin – van der Vlerk, 1931: 269.
*Lithophaga affinis* (Martin) – Skwarko et al., 1994: e15.

Holotype of *Modiola affinis* Martin, 1879, collector unknown, loc.: Junghuhn O, strat.: Miocene (RGM 4693: 1 valve).

Subfamily Modiolinae
Genus *Amygdalum*
*Amygdalum barbatiaeforme* (Martin, 1917)

*Modiola* (*Amygdalum*) *barbatiaeformis* Martin, 1917: 264, pl. 4, fig. 98.
*Modiola barbatiaeformis* Martin – van der Vlerk, 1931: 270.
*Amygdalum barbatiaeformis* Martin – Skwarko et al., 1994: e17.

Holotype of *Modiola* (*Amygdalum*) *barbatiaeformis* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 4686: 1 valve).

*Amygdalum progoense* (Martin, 1917)

*Modiola* (*Amygdalum*) *progoënsis* Martin, 1917: 264, pl. 4, figs. 96-97.
*Modiola progoënsis* Martin – van der Vlerk, 1931: 270.
*Amygdalum progoensis* Martin – Skwarko et al., 1994: e17.

Syntypes of *Modiola* (*Amygdalum*) *progoënsis* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 4683: 2 valves, RGM 4684: 2 valves, RGM 47219: 1 pair); loc.: Puntuk (RGM 4685: 1 pair).

Order Pterioida
Suborder Pinnina
Superfamily Pinnoidea
Family Pinnidae
Genus *Pinna*
*Pinna rembangensis* Martin, 1910

*Pinna rembangensis* Martin, 1910: 357, pl. 51, fig. 73.
*Pinna rembangensis* Martin – Martin, 1928: 128.
*Pinna rembangensis* Martin – van der Vlerk, 1931: 269.
*Pinna rembangensis* Martin – Skwarko et al., 1994: e18.

Syntypes of *Pinna rembangensis* Martin, 1910, leg.: R.D.M. Verbeek, loc.: Gunung Butak, strat.: Rembang Formation, Lower Miocene (RGM 4665: 2 pairs).

Order Limoida
Superfamily Limoidea
Family Limidae
Genus *Lima*
*Lima tjaringinensis* Martin, 1909

*Lima tjaringinensis* Martin, 1909: 347, pl. 49, fig. 44.
*Lima tjaringinensis* Martin – van der Vlerk, 1931: 267.
*Lima tjaringinensis* Martin – Skwarko et al., 1994: f21.

Holotype of *Lima tjaringinensis* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Cikeusik, strat.: Pliocene (RGM 4537: 1 valve).

Order Ostreoida
Suborder Ostreina
Superfamily Ostreoidea
Family Ostreidae
Subfamily Ostreinae
Tribe Ostreini
Genus *Ostrea*
Subgenus *Ostrea* (*Ostrea*)
*Ostrea* (*Ostrea*) *bataviana* Martin, 1887

*Ostrea nana* Martin – Martin, 1885: 278.
*Ostrea bataviana* nom. nov. pro *Ostrea nana* – Martin, 1887: 381.
*Ostrea bataviana* Martin, 1887: 381, pl. 14, fig. 279.
*Ostrea* (*s.str.*) *bataviana* Martin – Martin, 1909: 333.
*Ostrea bataviana* Martin – van der Vlerk, 1931: 265.
*Ostrea* (*Ostrea*) *bataviana* Martin 1910 – Skwarko et al., 1994.

Syntypes of *Ostrea bataviana* Martin, 1887, leg.: P. van Dijk, loc.: Batavia Borehole IV, 130-134 m, strat.: Upper Miocene (RGM 4433: 6 valves).

*Ostrea* (*Ostrea*) *bomasensis* Martin, 1917

*Ostrea* (*s. str.*) *bomasensis* Martin, 1917: 263, pl. 4, figs. 93-94.
*Ostrea bomasensis* Martin – Vlerk, 1931: 265.
*Ostrea* (*Ostrea*) *bomasensis* Martin – Skwarko et al., 1994.

Syntypes of *Ostrea* (*s. str.*) *bomasensis* Martin, 1917, leg.: K. Martin, loc.: Bomaas, strat.: West Progo Group, Lower Miocene (RGM 4428: 6 valves, RGM 4429: 7 valves, RGM 47268: 4 valves); strat.: West Progo group, Lower Miocene (RGM 4427: 2 valves).

The description was based on 24 specimens.

*Ostrea* (*Ostrea*) *djuvanaensis* Martin, 1909

*Ostrea hyotis* Linnaeus (pars) – Martin, 1880: 125, pl. 21, fig. 1.
*Ostrea* (*s. str.*) *djuvanaënsis* Martin, 1909: 334, pl. 46, figs.1-4.
*Ostrea djuvanaensis* Martin – Cox, 1924: 56, fig. 2.
*Ostrea* (*s. str.*) *djuvanaensis* Martin – Fischer, 1927: 115.
*Ostrea* cf. *djuvanaensis* Martin – Siemon, 1929: 20.
*Ostrea* (*s. str.*) *djuvanaensis* Martin – Koperberg, 1931: 24, 143.
*Ostrea djuvanaensis* Martin – van der Vlerk, 1931: 265.
*Ostrea* (*Ostrea*) *djuvanaensis* Martin – Skwarko et al., 1994: g3.

Syntypes of *Ostrea* (*s. str.*) *djuvanaënsis* Martin, 1909, leg.: R.D.M. Verbeek, unknown locality, strat.: Tertiary (RGM 4378: 2 valves, RGM 4380: 1 valve, RGM 4385: 3 valves); loc.: Djawana (RGM 4372: 1 pair and 3 valves); leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4373: 2 valves); collector unknown, loc.: Keboe Lintang, Juwana, strat.: Rembang Formation, Lower Miocene (RGM 4376: 4 valves); leg.: R.D.M. Verbeek, loc.: Rembang (RGM 4375: 5 valves, RGM 4377: 5 valves, RGM 4384: 1 valve); loc.: Sedan (RGM 4381: 2 valves, RGM 4382: 2 valves).

*Ostrea* (*Ostrea*) *njalindungensis* Martin, 1922

*Ostrea* (*s. str.*) *njalindungensis* Martin, 1922: 480, pl. 50, figs. 90-91.
*Ostrea* cf. *njalindungensis* Martin – Siemon, 1929: 50.
*Ostrea njalindungensis* Martin – van der Vlerk, 1931: 266.
*Ostrea* (*Ostrea*) *njalindungensis* Martin – Skwarko et al., 1994: g4.

Syntypes of *Ostrea* (*s. str.*) *njalindungensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 4439: 6 valves, RGM 4440: 2 valves); loc.: Cimerang (RGM 4444: 1 valve); loc.: Citalahab (RGM 4441: 1 valve, RGM 4442: 4 valves); loc.: between Ciangsana and Cimerang (RGM 4445: 1 valve). Swkarko et al. (1994) indicated Ciangsana as the type locality.

*Ostrea* (*Ostrea*) *pauluccinae* Crosse, 1869

*Ostrea Pauluccinae* – Crosse, 1869: 188.
*Ostrea disciformis* Martin, 1885: 273, pl. 14, fig. 275.
*Ostrea disciformes* Martin – Schepman, 1907: 202.
*Ostrea* (*s.str.*) *disciformes* Martin – Martin, 1909: 335, pl. 46, figs. 5, 6.
*Ostrea disciformes* Martin – Martin, 1919: 56, 124, 132, 133, 138, 141.
*Ostrea* (*s.str.*) *disciformes* Martin – Tesch, 1920: 86, pl. 134, figs. 234, 235.
*Ostrea disciformes* Martin – Martin, 1926: 3.
*Ostrea disciformes* Martin – Martin, 1928: 34.
*Ostrea* (*s.str.*) *disciformes* Martin – Koperberg, 1931: 23.
*Ostrea* (*Ostrea*) *pauluccinae* Crosse – Oostingh, 1935b: 143.
*Ostrea* (*Ostrea*) *pauluccinae* Crosse – Skwarko et al., 1994: g5.

Syntypes of *Ostrea disciformis* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole I, 92 m, strat.: Pliocene (RGM 4397: 12 valves); loc.: Batavia Borehole III, 81 m (RGM 4396: 6 valves); loc.: Blakan Kebon, Semarang (RGM 4387: 3 valves, RGM 4388: 1 valve, RGM 4392: 5 valves, RGM 6581: 1 valve). RGM 4388 is the specimen illustrated by Martin (1909, pl. 44, fig. 5).

*Ostrea* (*Ostrea*) *puruensis* Martin, 1914

*Ostrea puruensis* Martin, 1914: 182, pl. 7, fig. 186.
*Ostrea puruensis* Martin – van der Vlerk, 1931: 266.
*Ostrea puruensis* Martin – Piccoli & Savazzi, 1983: 33.
*Ostrea* (*Ostrea*) *puruensis* Martin – Skwarko et al., 1994: g5.

Holotype of *Ostrea puruensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 4462: 1 valve).

*Ostrea* (*Ostrea*) *spolongensis* Martin, 1917

*Ostrea* (*s. str.*) *spolongensis* Martin, 1917: 263, pl. 4, fig. 95.
*Ostrea spolongensis* Martin – van der Vlerk, 1931: 266.
*Ostrea* (*Ostrea*) *spolongensis* Martin – Skwarko et al., 1994: g6.

Holotype of *Ostrea* (*s. str.*) *spolongensis* Martin, 1917, leg.: K. Martin, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 4430: 1 valve).

Subgenus unknown
*Ostrea incisa* Martin, 1885

*Ostrea incisa* Martin, 1885: 275, pl. 14, fig. 276.
*Ostrea incisa* Martin – Martin, 1890: 279.
*Ostrea incisa* Martin – Boettger, 1908: 668, 669.
*Ostrea incisa* Martin – Skwarko et al., 1994: f22.

Syntypes of *Ostrea incisa* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole III, 117 m, strat.: Upper Miocene (RGM 4432: 1 valve); loc.: Gunung Malang, Gresik, strat.: Quaternary (RGM 4431: 1 valve).

Skwarko et al. (1994) mentioned Kassu Marinu in Fialarang (W. Timor) as the type locality. This is only one of the three localities mentioned by Martin (1887: 275). The material from Kassu Marinu is not in the Martin collection. A questionmark has been added to the name on the original label of RGM 4432.

*Ostrea jogjacartensis* Martin, 1914

*Ostrea jogjacartensis* Martin, 1914: 182, pl. 7, fig. 187.
*Ostrea jogjacartensis* Martin – van der Vlerk, 1931: 265.
*Ostrea jogjacartensis* Martin – Piccoli & Savazzi, 1983: 33.
*Ostrea jogjacartensis* Martin – Skwarko et al., 1994: f23.

Holotype of *Ostrea jogjacartensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 4463: 1 valve).

*Ostrea sultani* Martin, 1914

*Ostrea Sultani* Martin, 1914: 181, pl. 7, fig. 184-185.
*Ostrea sultani* Martin – van der Vlerk, 1931: 266.
*Ostrea sultani* Martin – Piccoli & Savazzi, 1983: 33.
*Ostrea sultani* Martin – Skwarko et al., 1994: g1.

Syntypes of *Ostrea Sultani* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 4460: various specimens in matrix, RGM 4461: 5 valves).

Subfamily Lophinae
Tribe Lophini
Genus *Lopha*
Subgenus *Lopha* (*Lopha*)
*Lopha* (*Lopha*) *folium* (Linnaeus, 1758)

*Ostrea folium* – Linnaeus, 1758: 699.
*Ostrea* (*Alectryonia*) *simoënsis* Martin, 1909: 340, pl. 48, fig. 29.
*Ostrea simoensis* Martin – Martin, 1919: 57, 145.
*Ostrea* (*Alectryonia*) *longifolium* Martin, 1922: 481, pl. 51, figs. 96-97.
*Ostrea folium* Linnaeus – Cox, 1930: 109, pl. 13, figs. 28-29.
*Ostrea longifolium* Martin – van der Vlerk, 1931: 266.
*Ostrea simoensis* Martin – van der Vlerk, 1931: 266.
*Ostrea* (*Lopha*) *folium* Linnaeus – Oostingh, 1935: 148, pl. 14, figs. 128-129.
*Lopha longifolium* (Martin) – Skwarko et al., 1994: g8.
*Lopha* (*Lopha*) *folium* (Linnaeus) – Skwarko et al., 1994: g9.

Holotype of *Ostrea* (*Alectryonia*) *simoënsis* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Tambakbatu in Mojokerto, strat.: Pliocene (RGM 4459: 1 valve).

Syntypes of *Ostrea* (*Alectryonia*) *longifolium* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 4447: 2 valves); loc.: Citalahab (RGM 4448: 1 valve).

Subgenus unknown
*Lopha baribisiana* (Martin, 1909)

*Ostrea* (*Alectryonia*) *baribisiana* Martin, 1909: 340, pl. 47, figs. 26-27.
*Ostrea baribisiana* Martin – van der Vlerk, 1931: 265.
*Lopha baribisiana* (Martin) – Skwarko et al., 1994: g7.

Syntypes of *Ostrea* (*Alectryonia*) *baribisiana* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Majalengka, strat.: Pliocene? (RGM 4456: 2 valves).

*Lopha chlamydoides* (Martin, 1922)

*Ostrea* (*Alectryonia*) *chlamydoides* Martin, 1922: 480, pl. 51, fig. 94.
*Ostrea chlamydoides* Martin – van der Vlerk, 1931: 265.
*Lopha chlamydoides* (Martin) – Skwarko et al., 1994: g7.

Holotype of *Ostrea* (*Alectryonia*) *chlamydoides* Martin, 1922, leg.: H. Martin-Icke, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 4446: pair).

*Lopha junghuhni* (Martin, 1909)

*Ostrea* (*Alectryonia*) *Junghuhni* Martin, 1909: 340, pl. 48, fig. 28.
*Ostrea junghuhni* Martin – van der Vlerk, 1931: 265.
*Lopha junghuhni* (Martin) – Skwarko et al., 1994: g8.

Holotype of *Ostrea* (*Alectryonia*) *Junghuhni* Martin, 1909, leg.: F. Junghuhn, loc.: Junghuhn P, strat.: Upper Miocene (RGM 4458: pair).

Superfamily Plicatuloidea
Family Plicatulidae
Genus *Plicatula*
*Plicatula granosa* Martin, 1885

*Plicatula granosa* Martin, 1885: 267, pl. 14, fig. 270.
*Plicatula granosa* Martin – van der Vlerk, 1931: 267.
*Plicatula granosa* Martin – Skwarko et al., 1994: f11.

Syntypes of *Plicatula granosa* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 4517: 2 valves).

*Plicatula quinqueplicata* (Martin, 1885)

*Ostrea quinqueplicata* Martin, 1885: 277, pl. 14, fig. 278.
*Plicatula quinqueplicata* Martin – Martin, 1909: 345.
*Plicatula quinqueplicata* Martin – van der Vlerk, 1931: 267.
*Plicatula quinqueplicata* Martin – Skwarko et al., 1994: f11.

Holotype of *Ostrea quinqueplicata* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole III, 117 m, strat.: Upper Miocene (RGM 4518: 1 valve).

*Plicatula rostrata* Martin, 1885

*Plicatula rostrata* Martin, 1885: 266, pl. 14, fig. 269.
*Plicatula rostrata* Martin – Boettger, 1908: 671.
*Plicatula rostrata* Martin – Martin, 1909: 345.
*Plicatula rostrata* Martin – van der Vlerk, 1931: 267.
*Plicatula rostrata* Martin – Skwarko et al., 1994: f11.

Syntypes of *Plicatula rostrata* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 4515: 9 valves).

Family Dimyidae
Genus *Dimya*
*Dimya plana* (Martin, 1885)

*Plicatula plana* Martin, 1885: 268, pl. 14, fig. 271.
*Deuteromya plana* Martin – Martin, 1909: 344.
*Deuteromya plana* Martin – van der Vlerk, 1931: 267.
*Dimya plana* (Martin) – Skwarko et al., 1994: f16.

Syntypes of *Plicatula plana* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 4513: 3 valves, RGM 4514: 5 valves).

Suborder Pectinina
Superfamily Pectinoidea
Family Pectinidae
Subfamily Pectininae
Tribe Pectenini
Genus *Pecten*
Subgenus *Pecten* (*Pecten*)
*Pecten* (*Pecten*) *gedinganensis* Martin, 1909

*Pecten* (*Vola*) *gendinganensis* Martin, 1909: 354, pl. 51, figs. 71-72.
*Vola gedinganensis* Martin – van der Vlerk, 1931: 269.
*Pecten gedinganensis* (Martin) – Shuto, 1975: 269.
*Pecten gedinganensis* Martin – Shuto, 1977: 135.
*Pecten* (*Notovola*) *gedinganensis* Martin – Shuto, 1978: 109.
*Pecten* (*Pecten*) *gedinganensis* Martin – Skwarko et al., 1994: f9.

Holotype of *Pecten* (*Vola*) *gendinganensis* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Sonde Member, Pliocene (RGM 4648: 1 valve).

*Pecten* (*Pecten*) *javanus* Martin, 1879

*Pecten javanus* Martin, 1879: 123, pl. 20, fig. 12.
*Pecten javanus* Martin(?) – Martin, 1885: 263.
*Pecten* (*Vola*) *javanus* Martin var – Martin, 1909: 355.
*Pecten* (*Vola*) *javanus* var. Martin – Zwierzycki, 1915: 106.
*Vola javana* Martin – van der Vlerk, 1931: 269.
*Pecten* (*Pecten*) *javanus* Martin – van Regteren Altena & Beets, 1945: 54.
*Pecten* (*Pecten*) *javanus* Martin – Skwarko et al., 1994: f9.

Holotype of *Pecten javanus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn C, strat.: Miocene (RGM 4651: 1 valve).

Subfamily Chlamydinae
Genus *Chlamys*
Subgenus *Chlamys* (*Chlamys*)
*Chlamys* (*Chlamys*) *rutteni* Martin, 1914

*Chlamys* (*s. str.*) *Rutteni* Martin, 1914: 182, pl. 7, fig. 188.
*Chlamys rutteni* Martin – van der Vlerk, 1931: 268.
*Chlamys rutteni* Martin – Piccoli & Savazzi, 1983: 33.
*Chlamys* (*Chlamys*) *rutteni* Martin – Skwarko et al., 1994: f7.

Holotype of *Chlamys* (*s. str.*) *Rutteni* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 4615: 1 valve).

Subgenus unknown
*Chlamys angsanana* Martin, 1922

*Chlamys angsanana* Martin, 1922: 482, pl. 61, fig. 100.
*Chlamys angsanana* Martin – van der Vlerk, 1931: 268.
*Chlamys angsanana* Martin – Skwarko et al., 1994: e24.

Holotype of *Chlamys angsanana* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 4616: 1 valve).

*Chlamys exaratus* (Martin, 1879)

*Pecten exaratus* Martin, 1879: 122, pl. 20, fig. 5.
*Chlamys exaratus* Martin – van der Vlerk, 1931: 268.
*Chlamys exaratus* (Martin) – Skwarko et al., 1994: e25.

Syntypes of *Pecten exaratus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn C, strat.: Miocene (RGM 4606: 3 valves, RGM 4607: 2 valves, RGM 4608: 3 valves).

Martin based his description on 17 shells. Apart from the 7 specimens listed above, the Martin collection contains another specimen of the species collected by Junghuhn (RGM 4609). This specimen has not been included in the typeseries, since a questionmark is placed behind the name on the original label, and since there is no locality indicated on the label.

### *Chlamys frondosus* (Martin, 1879)

*Pecten frondosus* Martin, 1879: 123, pl. 20, figs. 6-7.
*Pecten frondosus* Martin (?) – Martin, 1885: 264.
*Chlamys frondosus* Martin – van der Vlerk, 1931: 268.
*Chlamys frondosus* (Martin) – Skwarko et al., 1994: e25.

Syntypes of *Pecten frondosus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 4610: 6 valves, RGM 4611: 4 valves).

The description was based on 11 specimens.

### *Chlamys kebolintangensis* (Martin, 1909)

*Pecten* (*Chlamys*) *kebolintangensis* Martin, 1909: 352, pl. 50, figs. 63-64.
*Chlamys kebolintangensis* Martin – van der Vlerk, 1931: 268.
*Chlamys kebolintangensis* Martin – Skwarko et al., 1994: e26.

Syntypes of *Pecten* (*Chlamys*) *kebolintangensis* Martin, 1909, leg.: R.D.M. Verbeek, unknown locality, strat.: Pliocene (RGM 4613: 1 pair and 1 valve, RGM 4658: 2 pairs and 3 valves, RGM 4659: various specimens in matrix, RGM 4660: 3 valves, RGM 4661: various specimens in matrix, RGM 4662: 2 valves).

Martin described this species from a doublet and various valves from Sonde, Gendingan district and Kebo Lintang, Juwana. The original labels do not indicate in which locality the material listed above was found.

Skwarko et al. (1994: e26) indicated Sonde as the type locality. They indicated that the species is known from two specimens only, which is incorrect.

### *Chlamys sedanensis* (Martin, 1909)

*Pecten* (*Chlamys*) *sedanensis* Martin, 1909: 352, pl. 50, fig. 57.
*Chlamys sedanensis* Martin – van der Vlerk, 1931: 268.
*Chlamys sedanensis* Martin – Piccoli, 1984: 505.
*Chlamys sedanensis* Martin – Skwarko et al., 1994: f2.

Syntypes of *Pecten* (*Chlamys*) *sedanensis* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Rembang, strat.: Rembang Formation, Lower Miocene (RGM 4597: 4 valves, RGM 4598: 1 valve, RGM 4599: 3 valves, RGM 4600: 3 valves); loc.: Sedan (RGM 4602: 6 valves).

### *Chlamys talahabensis* Martin, 1922

*Chlamys talahabensis* Martin, 1922: 483, pl. 61, fig. 102.
*Chlamys talahabensis* Martin – van der Vlerk, 1931: 269.
*Chlamys tahalabensis* Martin – Skwarko et al., 1994: f3.

Holotype of *Chlamys talahabensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 4644: 1 valve).

### *Chlamys tjaringinensis* (Martin, 1909)

*Pecten* (*Chlamys*) *tjaringinensis* Martin, 1909: 351, pl. 50, fig. 54.
*Chlamys tjaringinensis* Martin var.(?) – Martin, 1922: 482.
*Pecten* (*Chlamys*) cf. *tjaringinensis* Martin – Cox, 1924: 59.
*Pecten* cf. *tjaringinensis* Martin – Siemon, 1929: 19.
*Chlamys tjaringinensis* Martin – van der Vlerk, 1931: 269.
*Chlamys tjaringinensis* Martin – Skwarko et al., 1994: f3.

Syntypes of *Pecten* (*Chlamys*) *tjaringinensis* Martin, 1909, leg.: R.D.M. Verbeek, unknown locality, strat.: Tertiary (RGM 4591: 1 valve, RGM 4592: 4 valves, RGM 4593: 8 valves, RGM 4594: 1 valve, RGM 4595: 1 valve); loc.: Bojong, strat.: Neogene (RGM 4588: 4 valves, RGM 4590: 1 valve); loc.: Sudimanik, strat.: Tertiary (RGM 4589: 1 valve).

Martin based his description on 17 valves and a doublet from Kampong Cikeusik and Sudimanik, both in Ciringin, as well as Bayah in Lebah and Bodyong in Cimanik. In the Martin collection 20 valves and one doublet (RGM 4595) collected by Verbeek are present. The original label does not give the exact locality. For the illustrated specimens the locality has been added on a separate label. Skwarko et al. (1994: f3) indicated Cikeusik as the type locality.

## Genus *Amussiopecten*

### *Amussiopecten singkirensis* (Martin, 1909)

*Pecten* (*Vola*) *singkirensis* Martin, 1909: 354, pl. 50, fig. 69.
*Vola singkirensis* Martin – van der Vlerk, 1931: 269.
*Amussium hulshofi* Martin (pars) – Pannekoek, 1936: 63.
*Pecten singkirensis* Martin – Beets, 1950h: 338.
*Amussiopecten singkirensis* (Martin) – Shuto, 1975: 292.
*Amussiopecten singkirensis* (Martin) – Shuto, 1977: 134.
*Amussiopecten singkirensis* (Martin) – Skwarko et al., 1994: f10.

Syntypes of *Pecten* (*Vola*) *singkirensis* Martin, 1909, leg.: R.D.M. Verbeek, unknown locality, strat.: Lower Miocene (RGM 4646: 1 valve, RGM 4647: 1 valve); loc.: Singkir in Mandala (RGM 4645: 1 valve).

Skwarko et al. (1994) indicate Mount Butak as the type locality. However, Martin extensively described a right shell from Singkir, and gives a short description of a fragmented left shell from the same locality. He only mentions Mount Butak as the locality of a third specimen, which is a complete left shell.

## Family Propeamussiidae
## Genus *Amusium*

### *Amusium decemcostatum* Martin, 1885

*Amussium decemcostatum* Martin, 1885: 265, pl. 14, fig. 267.
*Amussium decemcostatum* Martin – van der Vlerk, 1931: 267.
*Amusium decemcostatum* Martin – Skwarko et al., 1994: e21.

Holotype of *Amussium decemcostatum* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 4549: 1 valve).

### *Amusium hulshofi* (Martin, 1909)

*Pecten* (*Amussium*) *Hulshofi* Martin, 1909: 349, pl. 49, fig. 46-49.
*Amussium hulshofi* Martin – van der Vlerk, 1931: 267.
*Amussium hulshofi* Martin – Pannekoek, 1936: 63.
*Amusium hulshofi* Martin – Skwarko et al., 1994: e21.

Syntypes of *Pecten* (*Amussium*) *Hulshofi* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Sedan, strat.: Rembang Formation, Lower Miocene (RGM 4542: 4 valves, RGM 4543: 5 valves, RGM 4544: 1 valve, RGM 4545: 1 valve, RGM 4546: 1 valve).

Martin (1909: 350) mentions a single specimen collected west of Gunung Butak. Possibly this is one of the specimens listed above. With the exception of RGM 4543 the original labels give no locality other than 'Res. Rembang', which has been added at a later date.

*Amusium noduliferum* Martin, 1885

*Amussium noduliferum* Martin, 1885: 265, pl. 14, fig. 268.
*Amussium noduliferum* Martin – van der Vlerk, 1931: 267.
*Amusium noduliferum* Martin – Skwarko et al., 1994: e22.

Holotype of *Amussium noduliferum* Martin, 1885, leg.: P. van Dijk, loc.: Gresik Borehole, 179 m, strat.: Lower Miocene (RGM 4550: 1 valve).

*Amusium placunoides* (Martin, 1883)

*Pecten* (*Pleuronectia*) *placunoides* Martin, 1883: 239, pl. 11, fig. 32.
*Amussium placunoides* Martin – van der Vlerk, 1931: 267.
*Amusium placunoides* (Martin) – Skwarko et al., 1994: e22.

Syntypes of *Pecten* (*Pleuronectia*) *placunoides* Martin, 1883, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 4547: 1 valve, RGM 4548: 1 valve).

Family Spondylidae
Genus *Spondylus*
*Spondylus rambaianus* Martin, 1909

*Spondylus rambaianus* Martin, 1909: 345, pl. 49, fig. 41.
*Spondylus rambaianus* Martin – van der Vlerk, 1931: 267.
*Spondilus rambaianus* Martin – Skwarko et al., 1994: f13.

Holotype of *Spondylus rambaianus* Martin, 1909, leg.: R.D.M. Verbeek, loc.: near Rambad near Tegallegah, Sukabumi, strat.: Tertiary (RGM 4528: pair).

*Spondylus sondeianus* Martin, 1909

*Spondylus sondeianus* Martin, 1909: 346, pl. 49, fig. 42.
*Spondylus sondeianus* Martin – van der Vlerk, 1931: 267.
*Spondylus sondeianus* Martin – Pannekoek, 1936: 63.
*Spondylus sondeianus* Martin – Beets, 1950h: 338.
*Spondylus sondeianus* Martin – Skwarko et al., 1994: f14.

Holotype of *Spondylus sondeianus* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Sonde, strat.: Pliocene (RGM 4529: 1 valve).

*Spondylus symmetros* Martin, 1885

*Spondylus symmetros* Martin, 1885: 269, pl. 14, fig. 272.
*Spondylus symmetros* Martin – van der Vlerk, 1931: 267.
*Spondilus symmetros* Martin – Skwarko et al., 1994: f14.

Holotype of *Spondylus symmetros* Martin, 1885, leg.: P. van Dijk, loc.: Raja river, Bawean island, strat.: Pliocene (RGM 4527: pair).

Superfamily Anomioidea
Family Anomiidae
Genus *Anomia*
*Anomia boettgeri* Martin, 1909

*Anomia Boettgeri* Martin, 1909: 342, pl. 48, fig. 30.
*Anomia boettgeri* Martin – Martin, 1919: 57, 132.
*Anomia boettgeri* Martin – Haanstra & Spiker, 1932: 1314.
*Anomia boettgeri* Martin – Oostingh, 1935b: 155.
*Anomia boettgeri* Martin – Skwarko et al., 1994: f16.

Holotype of *Anomia Boettgeri* Martin, 1909, leg.: R.D.M. Verbeek, loc.: Ci Jajar, Ci Waringin in Leuwimundig, strat.: Pliocene (RGM 4488: 1 valve).

According to Swarko et al. (1994) the type is in the GRDC collection in Bandung, the illustrated specimen being P. J 3283. However, the original label of RGM 4488 clearly indicates that this is the illustrated specimen. Since Martin indicated that he only had the illustrated specimen, RGM 4488 must be the holotype.

*Anomia talahabensis* Martin, 1922

*Anomia talahabensis* Martin, 1922: 481, pl. 56, fig. 98-99.
*Anomia talahabensis* Martin – van der Vlerk, 1931: 266.
*Anomia talahabensis* Martin – Skwarko et al., 1994: f17.

Syntypes of *Anomia talahabensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 4489: 2 valves).

Family Placunidae
Genus *Placuna*
Subgenus *Placuna* (*Placuna*)
*Placuna* (*Placuna*) *mandirantjanensis* Martin, 1909

*Placuna* (*s. str.*) *mandirantjanensis* Martin, 1909: 343, pl. 48, figs. 34-36.
*Placuna mandirantjanensis* Martin – van der Vlerk, 1931: 266.
*Placuna* (*Placuna*) *mandirantjanensis* (Martin) – Oostingh, 1935b: 15.
*Placuna* (*Placuna*) *mandirantjanensis* Martin – Skwarko et al., 1994: f20.

Syntypes of *Placuna* (*s. str.*) *mandirantjanensis* Martin, 1909, leg.: R.D.M. Verbeek, unknown locality, strat.: Pliocene (RGM 4505: 3 valves, RGM 4506: 6 valves).

Skwarko et al. (1994: f20) indicate Cingatu, Cheribon district as the type locality. However, neither the description nor the original label give an indication of the locality of the fossils.

*Placuna* (*Placuna*) *pseudoplacenta* Martin, 1909

*Placuna* (*s. str.*) *pseudoplacenta* Martin, 1909: 343, pl. 48, figs. 31-33.
*Placuna pseudoplacenta* Martin – van der Vlerk, 1931: 266.
*Placuna* (*Placuna*) *pseudoplacenta* Martin – Skwarko et al., 1994: f20.

Syntypes of *Placuna* (*s. str.*) *pseudoplacenta* Martin, 1909, leg.: F. Junghuhn, loc.: Junghuhn Z, strat.: Pliocene (RGM 4503: 3 valves); leg.: R.D.M. Verbeek (RGM 4502: 6 valves, RGM 4504: 1 valve).

According to Skwarko et al. (1994: f20) the species is known from one specimen only. Martin, however, indicated in his description that he had various complete and broken specimens at his disposal.

Subclass Heterodonta
Order Veneroida
Superfamily Lucinoidea
Family Lucinidae
Subfamily Lucininae
Genus *Lucina*
*Lucina angulata* Martin, 1885

*Lucina angulata* Martin, 1885: 226, pl. 11, fig. 226.
*Lucina angulata* Martin – Martin, 1919: 117.
*Lucina angulata* Martin – van der Vlerk, 1931: 285.
*Lucina angulata* Martin – Skwarko et al., 1994: g12.

Syntypes of *Lucina angulata* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 6978: 2 valves).

*Lucina djunggranganensis* Martin, 1917

*Lucina* (*Dentilucina*) *djunggranganensis* Martin, 1917: 274, pl. 5, fig. 133.
*Lucina djunggranganensis* Martin – van der Vlerk, 1931: 285.
*Lucina djunggranganensis* Martin – Skwarko et al., 1994: g13.

Syntypes of *Lucina* (*Dentilucina*) *djunggranganensis* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 6971: 3 pairs); leg.: K. Martin (RGM 47144: 1 pair).
The description was based on five specimens.

*Lucina kemedjingensis* Martin, 1917

*Lucina* (*Dentilucina?*) *kemedjingensis* Martin, 1917: 274, pl. 5, figs. 134, 136.
*Lucina kemedjingensis* Martin – Martin, 1928: 129.
*Lucina kemedjingensis* Martin – van der Vlerk, 1931: 285.
*Lucina kemedjingensis* Martin – Skwarko et al., 1994: g13.

Syntypes of *Lucina* (*Dentilucina?*) *kemedjingensis* Martin, 1917, collector unknown, loc.: Kali Kemejing, strat.: West Progo Group, Lower Miocene (RGM 6973: 3 pairs, RGM 6974: 27 pairs, RGM 6975: 8 pairs); leg.: K. Martin (RGM 47309: 4 pairs).

*Lucina simplex* Martin, 1879

*Lucina simplex* Martin, 1879: 108, pl. 16, fig. 17.
*Lucina simplex* Martin – Martin, 1919: 117.
*Lucina simplex* Martin – van der Vlerk, 1931: 285.
*Lucina simplex* Martin – Skwarko et al., 1994: g14.

Syntypes of *Lucina simplex* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn T, strat.: Neogene (RGM 6979: 5 valves).

*Lucina tenuicrusta* Martin, 1887

*Lucina* (*s. str.*) *tenuicrusta* Martin, 1885: 225, pl. 11, fig. 224.
*Lucina tenuicrusta* Martin – Tesch, 1920: 100.
*Lucina tenuicrusta* Martin – van der Vlerk, 1931: 285.
*Lucina tenuicrusta* Martin – Skwarko et al., 1994: g16.

Holotype of *Lucina* (*s. str.*) *tenuicrusta* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 6976: 1 valve).

*Lucina tjibodasiana* Martin, 1922

*Lucina* sp. indet – Martin, 1879: 249, pl. 13, fig. 44.
*Lucina* (*Dentilucina*) *tjibodasiana* Martin, 1922: 489, pl. 61, figs. 120-121.
*Lucina tjibodasiana* Martin – van der Vlerk, 1931: 285.
*Lucina tjibodasiana* Martin – Skwarko et al., 1994: g14.

Syntypes of *Lucina* (*Dentilucina*) *tjibodasiana* Martin, 1922, collector unknown, loc.: Ci Berem, strat.: Tertiary (RGM 6900: 1 pair); leg.: H. Martin-Icke, loc.: Ci Bodas, strat.: West Progo Group, Lower Miocene (RGM 6988: 3 pairs, RGM 6989: 4 pairs and 2 valves, RGM 47281: 1 valve). RGM 6900 was illustrated by Martin (1879: pl. 13, fig. 44) as *Lucina* sp. indet.

Subfamily Milthinae
Genus *Miltha*
*?Miltha merangiana* (Martin, 1922)

*Lucina* (*Miltha?*) *merangiana* Martin, 1922: 489, pl. 61, fig. 122.
*Lucina merangiana* Martin – van der Vlerk, 1931: 285.
*Myrtha? merangiana* Martin – Skwarko et al., 1994: g20.

Holotype of *Lucina* (*Miltha?*) *merangiana* Martin, 1922, collector unknown, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 6991: pair).

Genus *Anodontia*
Subgenus *Anodontia* (*Cavitidens*)
*Anodontia* (*Cavitidens*) *jonkeri* (Martin, 1917)

*Meretrix* (*Pitar*) *Jonkeri* Martin, 1917: 271, pl. 5, fig. 124.
*Meretrix jonkeri* Martin – van der Vlerk, 1931: 279.
*Meretrix* (*Pitar*) *Jonkeri* Martin – von Kutassy, 1934: 313.
*Anadontia* (*Cavitidens*) *jonkeri* (Martin) – Shuto, 1982: 113.
*Anadontia* (*Cavitidens*) *jonkeri* (Martin) – Skwarko et al., 1994: g20.

Syntypes of *Meretrix* (*Pitar*) *Jonkeri* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 6527: 1 pair); loc.: Kali Kemejing (RGM 6523: 1 pair, RGM 6524: 6 pairs and 5 valves, RGM 6525: 22 pairs and 3 valves, RGM 6526: 4 pairs and 7 valves); leg.: K. Martin (RGM 47150: 4 pairs).

Subfamily Myrteinae
Genus *Myrtea*
Subgenus *Myrtea* (*Myrtea*)
*Myrtea* (*Myrtea*) *dijki* (Martin, 1885)

*Lucina* (*Myrtea*) *Dijki* Martin, 1885: 225, pl. 11, fig. 225.
*Lucina dijki* Martin – van der Vlerk, 1931: 285.
*Myrtea* (*Myrtea*) *dijki* Martin – Skwarko et al., 1994: g19.

Syntypes of *Lucina* (*Myrtea*) *Dijki* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 6977: 2 valves).
The description was based on three specimens.

Family Ungulinidae
Genus *Ungulina*
*Ungulina rostrata* Martin, 1887

*Ungulina rostrata* Martin, 1885: 224, pl. 11, fig. 223.

*Ungulina rostrata* Martin – van der Vlerk, 1931: 281.
*Ungulina rostrata* Martin – Skwarko et al., 1994: g22.

Holotype of *Ungulina rostrata* Martin, 1885, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m or 117 m, strat.: Neogene (RGM 6807: 1 valve).

Genus *Cycladicama*
Subgenus *Cycladicama* (*Cycladicama*)
*Cycladicama* (*Cycladicama*) *luciniformis* Valenciennes in Rousseau, 1854

*Cytherea* (*Callista*) *Everwijni* Martin, 1879: 252, pl. 13, fig. 49.
*Diplodonta Everwijni* Martin – Martin, 1919: 66.
*Diplodonta Everwijni* Martin – Martin, 1922: 491.
*Diplodonta Everwijni* – van der Meer-Mohr, 1923: 126.
*Diplodonta Everwijni* Martin – Martin, 1926: 4.
*Diplodonta Everwijni* Martin – Martin, 1928: 117.
*Diplodonta everwijni* Martin – van der Vlerk, 1931: 281.
*Diplodonta Everwijni* Martin – Martin, 1926: 4.
*Cycladicama* (*Cycladicama*) *luciniformis* Valenciennes *in* Rousseau 1854 – Skwarko et al., 1994: g23.

Holotype of *Cytherea* (*Callista*) *Everwijni* Martin, 1879, collector unknown, loc.: Junghuhn O, strat.: Miocene (RGM 6811: pair).

Subgenus unknown
*Cycladicama indistincta* (Martin, 1879)

*Cytherea* (*Dione*) *indistincta* Martin, 1879: 103, pl. 16, fig. 3.
*Lucina indistincta* Martin – Martin, 1919: 67.
*Lucina indistincta* Martin – Martin, 1922: 491.
*Lucina indistincta* – van der Meer-Mohr, 1923: 126.
*Lucina indistincta* Martin – Martin, 1926: 4.
*Lucina indistincta* Martin – Martin, 1928: 117.
*Lucina indistincta* Martin – van der Vlerk, 1931: 285.
*Joannisiella indistincta* (Martin) – Oostingh, 1935: 173.
*Lucina indistincta* Martin – Martin, 1926: 4.
*Cycladicama indistincta* (Martin) – Skwarko et al., 1994: g22.

Syntype of *Cytherea* (*Dione*) *indistincta* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn T, strat.: Neogene (RGM 6980: 1 pair).

The description was based on two specimens from Junghuhn localities O and T. No specimens are present which came from Junghuhn O locality.

Superfamily Cyamioidea
Family Sportellidae
Genus *Hindsiella*
*Hindsiella dubia* (Martin, 1879)

*Hindsia dubia* Martin, 1879: 109, pl. 15, fig. 6.
*Hindsiella dubia* Martin – Martin, 1919: 62.
*Hindsiella dubia* Martin – van der Vlerk, 1931: 275.
*Hindsiella dubia* (Martin) – Skwarko et al., 1994: h2.

Holotype of *Hindsia dubia* Martin, 1879, leg.: F. Junghuhn, unknown locality, strat.: Tertiary (RGM 5439: 1 valve).

Superfamily Carditoidea
Family Carditidae
Subfamily Carditinae
Genus *Cardita*
*Cardita decipiens* Martin, 1879

*Cardita decipiens* Martin, 1879: 110, pl. 17, fig. 9.
*Cardita decipiens* Martin – van der Vlerk, 1931: 274.
*Cardita decipiens* Martin – Skwarko et al., 1994: h3.

Syntypes of *Cardita decipiens* Martin, 1879, collector unknown, loc.: Junghuhn Z, strat.: Pliocene (RGM 5420: 1 pair); loc.: between Cikembar and Pelabuhanratu, strat.: Upper Miocene (RGM 5419: 1 valve).

*Cardita hillegondae* Martin, 1914

*Cardita* (*s. str.*) *Hillegondae* Martin, 1914: 186, pl. 7, figs. 199-200.
*Cardita hillegondae* Martin – van der Vlerk, 1931: 274.
*Cardita hillegondae* Martin – Piccoli & Savazzi, 1983: 34.
*Cardita hillegondae* Martin – Zacchello, 1984: 382.
*Cardita acuticosta* (Lamarck) – Skwarko et al., 1994: h2.

Syntypes of *Cardita* (*s. str.*) *Hillegondae* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 5397: 1 valve); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 5398: 3 valves); loc.: Kali Songo, strat.: Nanggulan Formation, Middle Eocene (RGM 5400: 4 valves, RGM 5401: 3 valves, RGM 5402: 1 valve).

Although Zacchello (1984: 382) regarded *C. hillegondae* and *C. acuticosta* Lamarck to have a close affinity, we do not consider *C. hillegondae* a junior synonym of *C. acuticosta*, as Skwarko et al. (1994: h2) did.

*Cardita tjidamarensis* Martin, 1879

*Cardita tjidamarensis* Martin, 1879: 112, pl. 18, fig. 1.
*Cardita tjidamarensis* Martin – Martin, 1919: 114.
*Cardita tjidamarensis* Martin – van der Vlerk, 1931: 274.
*Cardita* (*Cardita*) *tjidamarensis* Martin – van Regteren Altena & Beets, 1945: 55.
*Cardita* (*Cardita*) *tjidamarensis* Martin – Skwarko et al., 1994: h5.

Syntype of *Cardita tjidamarensis* Martin, 1879, leg.: F. Junghuhn, unknown locality, strat.: Miocene (RGM 5425: 1 valve); loc.: Junghuhn J (RGM 5428: 1 valve); loc.: Junghuhn K (RGM 5422: 1 valve).

The description was based on eight specimens, two of which were considered doubtful by Martin. One of these doubtful specimens (RGM 5426) is in the Martin Collection, but it is not included in the type series.

Subfamily Carditamerinae
Genus *Cardiocardita*
*Cardiocardita javana* (Martin, 1879)

*Cardita javana* Martin, 1879: 111, pl. 17, fig. 11.
*Cardita* (*Venericardia*) *javana* Martin – Martin, 1885: 230.
*Cardita* (*Venericardita*) *javana* Martin – Fischer, 1927: 10.
*Cardita javana* Martin – van der Vlerk, 1931: 274.
*Cardita* (*Venericardia*) *javana* Martin – van Regteren Altena & Beets, 1945: 55.
*Cardiocardita javana* (Martin) – Shuto, 1971: 32.
*Venericardia javana* (Martin) – Shuto, 1975: 291.

*Venericardia javana* (Martin) – Shuto, 1977: 135.
*Cardiocardita javana* (Martin) – Shuto, 1978: 107.
*Cardiocardita javana* (Martin) – Skwarko et al., 1994: h6.

Syntypes of *Cardita javana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 5399: 9 valves); loc.: Junghuhn R (RGM 5412: 2 valves, RGM 5413: 10 valves, RGM 5414: 4 valves).

Genus *Glans*
Subgenus *Glans* (*Centrocardita*)
*Glans* (*?Centrocardita*) *boettgeri* (Martin, 1879)

*Cardita Boettgeri* Martin, 1879: 111, pl. 17, fig. 10.
*Cardita boettgeri* Martin – van der Vlerk, 1931: 274.
*Glans* (*Cardita*) *boettgeri* Martin – Beets, 1985a: 5.
*Glans* (*Centrocardita?*) *boettgeri* (Martin) – Beets, 1987a: 50.
*Glans* (*Centrocardita?*) *boettgeri* (Martin) – Skwarko et al., 1994: h7.

Syntypes of *Cardita Boettgeri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Pliocene (RGM 5418: 3 valves).

Subfamily Venericardiinae
Genus *Venericardia*
*Venericardia exporrecta* (Martin, 1885)

*Cardita* (*Venericardia*) *exporrecta* Martin, 1885: 231, pl. 12, fig. 233.
*Cardita exporrecta* Martin – van der Vlerk, 1931: 274.
*Cardita exporrecta* Martin – Pannekoek, 1936: 67.
*Venericardia exporrecta* Martin – Skwarko et al., 1994: h8.

Syntypes of *Cardita* (*Venericardia*) *exporrecta* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 5416: 3 valves); ).

Superfamily Chamoidea
Family Chamidae
Genus *Chama*
*Chama attenuata* Martin, 1885

*Chama attenuata* Martin, 1885: 227, pl. 11, fig. 227.
*Chama attenuata* Martin – van der Vlerk, 1931: 277.
*Chama attenuata* Martin – Skwarko et al., 1994: g23.

Holotype of *Chama attenuata* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 6485: 1 valve).

*Chama ovalis* Martin, 1879

*Chama ovalis* Martin, 1879: 107, pl. 19, fig. 1.
*Chama ovalis* Martin – van der Vlerk, 1931: 277.
*Chama ovalis* Martin – Skwarko et al., 1994: g24.

Holotype of *Chama ovalis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Miocene (RGM 6483: 1 valve).

*Chama simplex* Martin, 1882

*Chama simplex* Martin, 1882: 245, pl. 12, fig. 39.
*Chama simplex* Martin – van der Vlerk, 1931: 277.
*Chama simplex* Martin – Skwarko et al., 1994: g25.

Holotype of *Chama simplex* Martin, 1882, leg.: F. Junghuhn, unknown locality, strat.: Tertiary (RGM 6484: 1 valve).

Superfamily Crassatelloidea
Family Crassatellidae
Subfamily Crassatellinae
Genus *Crassatella*
*Crassatella amputata* Martin, 1885

*Crassatella amputata* Martin, 1885: 229, pl. 12, fig. 231.
*Crassatella amputata* Martin – van der Vlerk, 1931: 275.
*Crassatella amputata* Martin – Skwarko et al., 1994: h9.

Syntype of *Crassatella amputata* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 5438: 1 valve).
The description was based on four specimens.

Genus *Salaputium*
*Salaputium martini* Finlay, 1927

*Crassatella parva* Martin, 1879: 109, pl. 15, fig. 5.
*Salaputium martini* nom. nov. pro *Crassatella parva* Martin, 1879 non C. B. Adams, 1852 – Finlay, 1927: 529.
*Crassatella parva* Martin – van der Vlerk, 1931: 275.
*Crassatella parva* Martin – Wanner & Hahn, 1935: 268.
*Crassatella* (*Crassinella*) *parva* Martin – Pannekoek, 1936: 68.
*Salaputium martini* Finlay – Skwarko et al., 1994: h10.

Syntypes of *Crassatella parva* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 5435: 8 valves, RGM 5436: various specimens in matrix, RGM 5437: 3 valves).
The description was based on 18 specimens and fragments.

Superfamily Cardioidea
Family Cardiidae
Subfamily Cardiinae
Genus *Cardium*
*Cardium perobliquum* Martin, 1882

*Cardium perobliquum* Martin, 1882: 246, pl. 12, fig. 41.
*Cardium perobliquum* Martin – van der Vlerk, 1931: 276.
*Cardium perobliquum* Martin – Skwarko et al., 1994: h13.

Holotype of *Cardium perobliquum* Martin, 1882, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 5459: pair).

*Cardium talahabense* Martin, 1922

*Cardium* (*Eucardium*) *talahabense* Martin, 1922: 484, pl. 61, fig. 105.
*Cardium talahabense* Martin – van der Vlerk, 1931: 276.
*Cardium talahabense* Martin – Shuto, 1975: 292.
*Cardium talahabense* Martin – Shuto, 1977: 134.
*Cardium talahabense* Martin – Shuto, 1978: 107.
*Cardium talahabense* Martin – Skwarko et al., 1994: h14.

Holotype of *Cardium* (*Eucardium*) *talahabense* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 5461: pair).

*Cardium verbeeki* Martin, 1879

*Cardium Verbeeki* Martin, 1879: 106, pl. 18, fig. 2.
*Cardium verbeeki* Martin – van der Vlerk, 1931: 276.
*Cardium verbeeki* Martin – Skwarko et al., 1994: h14.

Syntypes of *Cardium Verbeeki* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 5453: 2 valves).

Genus *Acanthocardia*
*?Acanthocardia carolimartini* Beets, 1985

*Cardium greenoughi* d'Archiac & Haime – Martin, 1883: 247.
*Acanthocardia? carolimartini* Beets, 1985: 66, pl. 4, fig. 6-10.
*Acanthocardia? carolimartini* Beets 1984 – Skwarko et al., 1994: h15.

Holotype of *Acanthocardia? carolimartini* Beets, 1985, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene or younger (RGM 5454: 1 valve).

Subfamily Laevicardiinae
Genus *Laevicardium*
Subgenus *Laevicardium* (*Fulvia*)
*Laevicardium* (*?Fulvia*) *njalindungense* (Martin, 1922)

*Cardium* (*Eucardium*) *njalindungense* Martin, 1922: 485, pl. 61, fig. 106.
*Cardium njalindungense* Martin – Martin, 1928: 129.
*Cardium njalindungnese* Martin – van der Vlerk, 1931: 276.
*Cardium* sp. – Haanstra & Spiker, 1932: 1315.
*Cardium njalindungense* Martin – Beets, 1941: 162.
*Laevicardium njalindungense* (Martin) – Beets, 1950b: 272.
*Laevicardium njalindungense* (Martin) – Beets, 1950h: 338.
*Laevicardium* (*Fulvia?*) *njalindungense* (Martin) – Beets, 1983a: 10.
*Laevicardium* (*Fulvia?*) *njalindungense* (Martin) – Beets, 1985c: 65.
*Laevicardium* (*Fulvia?*) *njalindungense* (Martin) – Skwarko et al., 1994: h24.

Holotype of *Cardium* (*Eucardium*) *njalindungense* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 5462: pair).

Subgenus unknown
*Laevicardium automolos* (Martin, 1917)

*Cardium* (*Laevicardium*) *automolos* Martin, 1917: 268, pl. 4, figs. 112-113.
*Cardium automolos* Martin – van der Vlerk, 1931: 275.
*Laevicardium automolos* (Martin) – Skwarko et al., 1994: h22.

Syntypes of *Cardium* (*Laevicardium*) *automolos* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 5469: 1 pair and 1 valve, RGM 5470: 6 valves); loc.: Kembangsokah (RGM 5471: 6 valves); leg.: K. Martin (RGM 47276: 2 valves).

The description was based on 11 specimens.

*Laevicardium kelirense* (Martin, 1917)

*Cardium* (*Discors*) *kelirense* Martin, 1917: 268, pl.4, figs. 114-115.
*Cardium kelirense* Martin – van der Vlerk, 1931: 276.
*Laevicardium kelirense* (Martin) – Oostingh, 1941: 23.
*Laevicardium kelirense* (Martin) – Skwarko et al., 1994: h22.

Syntypes of *Cardium* (*Discors*) *kelirense* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 5478: 2 valves, RGM 5479: 3 valves); leg.: K. Martin (RGM 47291: 2 valves); collector unknown, loc.: Kempang Sokkoh (RGM 5480: 3 valves).

The description was based on 7 specimens from Gunung Spolong and 4 specimens from Kempang Sokkoh. One valve of the latter is missing.

Genus *Cerastoderma*
*Cerastoderma bomasense* (Martin, 1917)

*Cardium bomasense* Martin, 1917: 269, pl. 4, figs. 16-17.
*Cardium bomasense* Martin – Martin, 1919: 63.
*Cardium bomasense* Martin – van der Vlerk, 1931: 275.
*Cardium* (*Cerastoderma*) *bomasense* Martin – Beets, 1941: 162.
*Cerastoderma bomasense* Martin – Skwarko et al., 1994: h25.

Syntypes of *Cardium bomasense* Martin, 1917, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 5482: 2 valves); leg.: K. Martin (RGM 47252: 1 valve).

Subfamily Protocardiinae
Genus *Nemocardium*
Subgenus *Nemocardium* (*Nemocardium*)
*Nemocardium* (*?Nemocardium*) *jogjacartense* (Martin, 1917)

*Cardium* (*Nemocardium*) *jogjacartense* Martin, 1917: 269, pl. 4, figs. 118-119.
*Cardium jogjacartense* Martin – van der Vlerk, 1931: 276.
*Cardium* (*Nemocardium?*) *jogjacartense* (Martin) – Beets, 1987a: 51.
*Nemocardium* (*Nemocardium?*) *jogjacartense* (Martin) – Skwarko et al., 1994: h22.

Syntypes of *Cardium* (*Nemocardium*) *jogjacartense* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 5484: 2 pairs and 1 valve); leg.: K. Martin (RGM 47151: 1 valve).

Subgenus *Nemocardium* (*Discors*)
*Nemocardium* (*Discors*) *gerthi* (Pannekoek, 1936)

*Laevicardium* (*Discors*) *gerthi* Pannekoek, 1936: 69, pl. 4, fig. 52.
*Nemocarium* (*discors*) *gerthi* Pannekoek – Skwarko et al., 1994: h21.

Syntypes of *Laevicardium* (*Discors*) *gerthi* Pannekoek, 1936, collector unknown, loc.: Ngampel, strat.: Lower Miocene (RGM 5488: 3 pairs and 1 valve); leg.: H. Martin-Icke (RGM 5491: 2 pairs and 1 valve).

*Nemocardium* (*Discors*) *parvulum* (Martin, 1879)

*Cardium parvulum* Martin, 1879: 107, pl. 18, fig. 3.
*Cardium parvulum* Martin – Martin, 1919: 114.
*Cardium parvulum* Martin – van der Vlerk, 1931: 276.
*Cardium parvulum* Martin – Haanstra & Spiker, 1932: 1323.
*Cardium* (*Discors*) *parvulum* (Martin) – Beets, 1987c: 126.
*Nemocardium* (*Discors*) *parvulum* (Martin) – Skwarko et al., 1994: h21.

Syntype of *Cardium parvulum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 5481: 1 valve).

The description was based on two specimens.

Subfamily Trachycardiinae
Genus *Trachycardium*
*Trachycardium sokkohense* (Martin, 1917)

*Cardium* (*Trachycardium*) *sokkohense* Martin, 1917: 267, pl. 4, fig. 110.
*Cardium sokkohense* Martin – van der Vlerk, 1931: 276.
*Trachycardium sokkohense* Martin – Skwarko et al., 1994: h18.

Syntypes of *Cardium* (*Trachycardium*) *sokkohense* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 5467: 2 valves); loc.: Kembangsokah (RGM 5465: 1 valve, RGM 5466: 5 valves); leg.: K. Martin (RGM 47306: 2 valves).

*Trachycardium spolongense* (Martin, 1917)

*Cardium* (*Trachycardium*) *spolongense* Martin, 1917: 266, pl. 4, figs. 107-109.
*Cardium spolongense* Martin – Martin, 1928: 129.
*Cardium spolongense* Martin – van der Vlerk, 1931: 276.
*Cardium spolongense* Martin – Shuto, 1975: 292.
*Cardium spolongense* Martin – Shuto, 1977: 134.
*Trachycardium spolongense* Martin – Skwarko et al., 1994: h18.

Syntypes of *Cardium* (*Trachycardium*) *spolongense* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 5463: 2 valves, RGM 5464: 8 valves); leg.: K. Martin (RGM 47101: 2 valves).

Genus *Loxocardium*
*Loxocardium djunggranganense* (Martin, 1917)

*Cardium* (*Loxocardium*) *djunggranganense* Martin, 1917: 267, pl. 4, fig. 111.
*Cardium djunggranganense* Martin – van der Vlerk, 1931: 276.
*Loxocardium djunggranganense* Martin – Skwarko et al., 1994: h16.

Syntypes of *Cardium* (*Loxocardium*) *djunggranganense* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 5468: 5 valves); leg.: K. Martin (RGM 47239: 1 valve).

Superfamily Mactroidea
Family Mactridae
Subfamily Mactrinae
Genus *Mactra*
*Mactra plana* Martin, 1879

*Mactra plana* Martin, 1879: 91, pl. 15, fig. 9.
*Mactra* (*Trigonella*) *plana* Martin – Boettger, 1883: 57.
*Mactra plana* Martin – van der Vlerk, 1931: 282.
*Mactra plana* Martin – Skwarko et al., 1994: i2.

Paratype of *Mactra plana* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 6851: 1 valve).

Superfamily Solenoidea
Family Cultellidae
Genus *Cultellus*
Subgenus *Cultellus* (*Cultellus*)
*Cultellus* (*Cultellus*) *dilatatus* Martin, 1879

*Cultellus dilatatus* Martin, 1879: 90, pl. 15, fig. 3.
*Cultellus dilatatus* Martin – van der Vlerk, 1931: 281.
*Cultellus dilatatus* Martin – Shuto, 1975: 292.
*Cultellus dilatatus* Martin – Shuto, 1977: 134.
*Cultellus dilatatus* Martin – Shuto, 1978: 107.
*Cultellus* (*Cultellus*) *dilatatus* Martin – Beets, 1985c: 66.
*Cultellus* (*Cultellus*) *dilatatus* Martin – Skwarko et al., 1994: i9.

Syntype of *Cultellus dilatatus* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Miocene (RGM 6832: 1 pair).

The description was based on two specimens from Junghuhn locality O.

Subgenus unknown
*Cultellus tjiguhanensis* Martin, 1922

*Cultellus tjiguhanensis* Martin, 1922: 487, pl. 61, fig. 111.
*Cultellus tjiguhanensis* Martin – van der Vlerk, 1931: 282.
*Cultellus tjiguhanensis* Martin – Beets, 1950b: 273.
*Cultellus tjiguhanensis* Martin – Skwarko et al., 1994: i8.

Holotype of *Cultellus tjiguhanensis* Martin, 1922, leg.: H. Martin-Icke, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 6839: pair).

Superfamily Tellinoidea
Family Tellinidae
Subfamily Tellininae
Genus *Tellina*
Subgenus *Tellina* (*Abranda*)
*Tellina* (*Abranda*) *rotunda* Martin, 1884

*Tellina rotunda* Martin, 1884: 203, pl. 10, fig. 205.
*Tellina mutata* nom. nov. pro *Tellina rotunda* Martin, 1885 non *T. rotundata* Montagnu, 1803 non Sowerby, 1867 non Boettger, 1875 – Finlay, 1927: 530.
*Tellina rotunda* Martin – van der Vlerk, 1931: 286.
*Tellina* (*Punipagia*) *rotunda* (Martin) – Shuto, 1971: 38.
*Tellina* (*Punipagia*) *mutata* Finlay – Skwarko et al., 1994: i19.

Syntypes of *Tellina* (*Punipagia*) *rotunda* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7020: 2 valves); ).

Syntype of *Tellina rotunda* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7019: 1 valve).

Finlay (1927) introduced *T. mutata* as a nomen novum for *Tellina rotunda* Martin, 1884. He considered this name preoccupied by *Tellina rotundata* Montagu, 1803 since: 'The addition of 'ta' to an adjective such as *rotunda* does not produce a word which can be considered as a diminutive or other derivative, the two adjectives must be considered as substantially the same, and therefore conflicting with each other'. The present authors do not accept this argument and state that *T. rotunda* is not a primary junior homonym of *T. rotundata,* for they are not spelled identically, and therefore *T. rotunda* is available.

Subgenus *Moerella*
*Tellina* (*Moerella*) *nanggulangensis* Martin, 1914

*Tellina* (*Moerella*) *nanggulanensis* Martin, 1914: 193, pl. 8, fig. 218.
*Tellina nanggulangensis* Martin – van der Vlerk, 1931: 286.
*Tellina nanggulangensis* Martin – Piccoli & Savazzi, 1983: 35.
*Tellina nanngulangensis* Martin – Piccoli, 1984: 505.
*Tellina* (*Moerella*) *nanngulangensis* Martin – Skwarko et al., 1994: i19.

Holotype of *Tellina* (*Moerella*) *nanggulanensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N3, Eocene (RGM 7004: pair).

*Tellina* (*Moerella*) *nannodes* Martin, 1884

*Tellina* (*Peronaeoderma*) *nannodes* Martin, 1884: 201, pl. 10, fig. 202.
*Tellina nannodes* Martin – van der Vlerk, 1931: 286.
*Tellina* (*Moerella*) *nannodes* Martin – Shuto, 1971: 44.
*Tellina* (*Moerella*) *nannodes* Martin – Skwarko et al., 1994: i19.

Holotype of *Tellina* (*Peronaeoderma*) *nannodes* Martin, 1884, leg.: P. van Dijk, loc.: Blakan Kebon Borehole, Semarang, strat.: Pliocene (RGM 7010: 1 valve).

Subgenus *Tellinella*
*Tellina* (*Tellinella*) *retifera* Martin, 1917

*Tellina* (*Tellinella*) *retifera* Martin, 1917: 275, pl. 5, fig. 138.
*Tellina retifera* Martin – van der Vlerk, 1931: 286.
*Tellina* (*Tellinella*) *retifera* Martin – Skwarko et al., 1994: i20.

Syntypes of *Tellina* (*Tellinella*) *retifera* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7005: 1 pair); loc.: Junggrangan (RGM 7006: 3 pairs, RGM 47256: 1 pair).

*Tellina* (*Tellinella*) *sokkohensis* Martin, 1917

*Tellina* (*Tellinella*) *sokkohensis* Martin, 1917: 274, pl. 5, fig. 137.
*Tellina sokkohensis* Martin – van der Vlerk, 1931: 286.
*Tellina* (*Tellinella*) *sokkohensis* Martin – Skwarko et al., 1994: i21.

Syntypes of *Tellina* (*Tellinella*) *sokkohensis* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7009: 1 valve); loc.: Kembangsokah (RGM 7008: 1 valve).

Subgenus unknown
*Tellina ickeae* Martin, 1922

*Tellina Ickeae* Martin, 1922: 490, pl. 61, fig. 125.
*Tellina ickeae* Martin – van der Vlerk, 1931: 286.
*Tellina ickeae* Martin – Skwarko et al., 1994: i12.

Holotype of *Tellina Ickeae* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 7013: pair).

*Tellina junghuhni* Martin, 1879

*Tellina Junghuhni* Martin, 1879: 96, pl. 16, fig. 2.
*Tellina junghuhni* Martin – van der Vlerk, 1931: 286.
*Tellina junghuhni* Martin – Skwarko et al., 1994: i12.

Holotype of *Tellina Junghuhni* Martin, 1879, leg.: F. Junghuhn, unknown locality, strat.: Tertiary (RGM 7022: 1 valve).

*Tellina merangiana* Martin, 1922

*Tellina merangiana* Martin, 1922: 490, pl. 61, fig. 124.
*Tellina merangiana* Martin – van der Vlerk, 1931: 286.
*Tellina morangiana* Martin [sic] – Skwarko et al., 1994: i13.

Holotype of *Tellina merangiana* Martin, 1922, leg.: H. Martin-Icke, loc.: between Ciangsana and Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 7012: 1 valve).

*Tellina molengraaffi* Martin, 1914

*Tellina Molengraaffi* Martin, 1914: 193, pl. 8, fig. 220.
*Tellina molengraaffi* Martin – van der Vlerk, 1931: 286.
*Tellina molengraaffi* Martin – Piccoli & Savazzi, 1983: 35.
*Tellina molengraaffi* Martin – Skwarko et al., 1994: i22.

Holotype of *Tellina Molengraaffi* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7002: 1 valve). 'AvdV' (2. VII. 1929) noted on label that the type is missing.

*Tellina songoensis* Martin, 1914

*Tellina songoënsis* Martin, 1914: 193, pl. 8, fig. 219.
*Tellina songoënsis* Martin – Martin, 1931: 47.
*Tellina songoënsis* Martin – van der Vlerk, 1931: 286.
*Tellina songoënsis* Martin – Piccoli & Savazzi, 1983: 35.
*Tellina songoënsis* Martin – Skwarko et al., 1994: i14.

Holotype of *Tellina songoënsis* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7003: 1 valve).

*Tellina venusta* (Martin, 1879)

*Cytherea* (*Crista*) *venusta* Martin, 1879: 102, pl. 17, fig. 4.
*Tellina venusta* Martin – Martin, 1919: 118.
*Tellina venusta* Martin – van der Vlerk, 1931: 286.
*Tellina venusta* Martin – Skwarko et al., 1994: i14.

Holotype of *Cytherea* (*Crista*) *venusta* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 7030: 1 valve).

Genus *Arcopagia*
*Arcopagia dijki* Martin, 1884

*Tellina* (*Argopagia*) *Dijki* Martin, 1884: 202, pl. 10, fig. 203.
*Tellina dijki* Martin – van der Vlerk, 1931: 202.
*Tellina* (*Arcopagia*) *dijki* Martin – Skwarko et al., 1994: i16.

Holotype of *Tellina* (*Argopagia*) *Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole IV, 6 m, strat.: Quaternary (RGM 7028: 1 valve).

*Arcopagia njalindungensis* Martin, 1922

*Tellina* (*Arcopagia*) *njalindungensis* Martin, 1922: 491, pl. 61, fig. 126.
*Tellina njalindungensis* Martin – van der Vlerk, 1931: 286.
*Tellina* (*Arcopagia*) *njalindungensis* Martin – Skwarko et al., 1994: i16.

Holotype of *Tellina* (*Arcopagia*) *njalindungensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 7014: pair).

*Arcopagia permodesta* Martin, 1917

*Tellina* (*Arcopagia*) *premodesta* Martin, 1917: 275, pl. 5, fig. 139.
*Tellina permodesta* Martin – van der Vlerk, 1931: 275.
*Tellina* (*Arcopagia*) *permodesta* Martin – Skwarko et al., 1994: i17.

Syntype of *Tellina* (*Arcopagia*) *premodesta* Martin, 1917, leg.: K. Martin, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 7029: 1 valve).

The description was based on a few valves.

Subfamily Macominae
Genus *Macoma*
Subgenus *Macoma* (*Austromacoma*)
*Macoma* (*Austromacoma*) *talahabensis* (Martin, 1922)

*Tellina* (*Moerella*) *talahabensis* Martin, 1922: 490, pl. 61, fig. 123.
*Tellina talahabensis* Martin – van der Vlerk, 1931: 286.
*Macoma* (*Austromacoma*) *talahabensis* (Martin) – Shuto, 1971: 48.
*Macoma* (*Austromacoma*) *talahabensis* (Martin) – Skwarko et al., 1994: i22.

Holotype of *Tellina* (*Moerella*) *talahabensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 7011: pair).

Genus *Gastrana*
*Gastrana songoensis* Martin, 1914

*Gastrana songoënsis* Martin, 1914: 194, pl. 8, fig. 221.
*Gastrana songoënsis* Martin – van der Vlerk, 1931: 285.
*Gastrana songoensis* Martin – Skwarko et al., 1994: i23.

Holotype of *Gastrana songoënsis* Martin, 1914, leg.: K. Martin, loc.: Kali Songo, strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7051: 1 valve).

Family Psammobiidae
Subfamily Psammobiinae
Genus *Gari*
Subgenus *Gari* (*Psammobia*)
*Gari* (*Psammobia*) *preangerensis* (Martin, 1922)

*Psammobia* (*Gari*) *preangerensis* Martin, 1922: 486, pl. 61, fig. 110.
*Psammobia preangerensis* Martin – van der Vlerk, 1931: 281.
*Gari preangerensis* (Martin) – Beets, 1985c: 68.
*Gari* (*Psammobia*) *preangerensis* Martin – Skwarko et al., 1994: i25.

Holotype of *Psammobia* (*Gari*) *preangerensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 7502: pair).

Subfamily Solecurtinae
Genus *Solecurtus*
*Solecurtus pectiniferus* Martin, 1917

*Solenocurtus* (*Macha*) *pectiniferus* Martin, 1917: 273, pl. 5, fig. 132.
*Solenocurtus pectiniferus* Martin – van der Vlerk, 1931: 282.
*Solenocurtus pectiniferus* Martin – Pannekoek, 1936: 76.
*Solecurtus pectiniferus* Martin – Skwarko et al., 1994: i27.

Holotype of *Solenocurtus* (*Macha*) *pectiniferus* Martin, 1917, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 6830: pair).

Superfamily Corbiculoidea
Family Corbiculidae
Genus *Corbicula*
*Corbicula exporrecta* (Martin, 1885)

*Cyrena* (*Corbicula*) *exporrecta* Martin, 1885: 222, pl. 11, fig. 220.
*Corbicula exporrecta* Martin – Martin, 1919: 65.
*Corbicula exporrecta* Martin – van Es, 1931: 61.
*Corbicula exporrecta* Martin – van der Vlerk, 1931: 281.
*Corbicula exporrecta* Martin – Benthem Jutting, 1937: 135.
*Corbicula exporrecta* Martin – Skwarko et al., 1994: j4.

Syntypes of *Cyrena* (*Corbicula*) *exporrecta* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Upper Pliocene (RGM 6805: 5 pairs).

*Corbicula rustica* (Martin, 1885)

*Cyrena* (*s. str.*) *rustica* Martin, 1885: 222, pl. 11, fig. 221.
*Cyrena rustica* Martin – Martin, 1919: 116.
*Cyrena rustica* Martin – van der Vlerk, 1931: 281.
*Corbicula rustica* (Martin) – Skwarko et al., 1994: j6.

Holotype of *Cyrena* (*s. str.*) *rustica* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 6799: 1 valve).

Family Sphaeriidae
Superfamily Veneroidea
Family Veneridae
Subfamily Venerinae
Genus *Venus*
*Venus bifurca* (Martin, 1879)

*Cardita ? bifurca* Martin, 1879: 113, pl. 19, fig. 8.
*Venus bifurca* Martin – Martin, 1919: 115.
*Venus bifurca* Martin – van der Vlerk, 1931: 280.
*Venus bifurca* Martin – Skwarko et al., 1994: j10.

Holotype of *Cardita ? bifurca* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Miocene (RGM 6587: 1 valve).

Subfamily Chioninae
Genus *Chione*
*Chione dijki* (Martin, 1884)

*Venus* (*Chione*) *Dijki* Martin, 1884: 210, pl. 11, fig. 209.
*Venus dijki* Martin – van der Vlerk, 1931: 280.
*Chione dijki* Martin – Skwarko et al., 1994: k19.

Syntypes of *Venus* (*Chione*) *Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 60-70 m, strat.: Upper Miocene (RGM 6591: 1 valve, RGM 6592: 1 valve).

*Chione pectiniformis* (Martin, 1884)

*Venus* (*Chione*) *pectiniformis* Martin, 1884: 211, pl. 11, fig. 210.
*Venus pectiniformis* Martin – van der Vlerk, 1931: 280.
*Chione pectiniformis* Martin – Skwarko et al., 1994: k20.

Syntypes of *Venus* (*Chione*) *pectiniformis* Martin, 1884, leg.: P. van Dijk, loc.: ? Gresik, strat.: Tertiary (RGM 6593: 2 valves).

*Chione tjikoraiensis* (van Regteren Altena, 1938)

*Venus pulcherrima* Martin, 1883: 250, pl. 13, fig. 47.
*Venus pulcherrima* Martin – Martin, 1919: 115.
*Chione martini* nom. nov. pro *Venus pulcherrima* Martin, 1884 non Deshayes, 1860 – Finlay, 1927: 531.
*Venus pulcherrima* Martin – van der Vlerk, 1931: 280.
*Venus* (*Chione*) *tjikoraiensis* nom. nov. pro *Chione martini* Finlay, 1927 non Boettger, 1880 – van Regteren Altena, 1938: 210.
*Chione tjikoraiensis* Altena – Skwarko et al., 1994: k20.

Holotype of *Venus pulcherrima* Martin, 1883, collector unknown, loc.: Cikuray, strat.: Cilanang Formation, Upper Miocene (RGM 6602: pair).

Genus *Mercenaria*
*Mercenaria problematica* (Martin, 1882)

*Venus* (*Mercenaria*) *problematica* Martin, 1882: 250, pl. 13, fig. 46.
*Meretrix problematica* Martin – Martin, 1919: 114.
*Meretrix problematica* Martin – van der Vlerk, 1931: 279.
*Mercenaria problematica* (Martin) – Skwarko et al., 1994: k23.

Syntype of *Venus* (*Mercenaria*) *problematica* Martin, 1882, collector unknown, loc.: Junghuhn O, strat.: Miocene (RGM 6491: 1 pair).
The description was based on two specimens.

Genus *Timoclea*
Subgenus *Timoclea* (*Timoclea*)
*Timoclea* (*Timoclea*) *bataviana* (Martin, 1884)

*Venus* (*Cryptogramma*) *bataviana* Martin, 1884: 207, pl. 11, fig. 207.
*Venus bataviana* Martin – Siemon, 1929: 52.
*Venus bataviana* Martin – van der Vlerk, 1931: 280.
*Timoclea bataviana* (Martin) – Cox, 1948: 12.
*Veremolpa bataviana* (Martin) – Shuto, 1971: 62.
*Timoclea* (*Timoclea*) *bataviana* (Martin) – Beets, 1987a: 54.
*Timoclea* (*Timoclea*) *bataviana* (Martin) – Skwarko et al., 1994: k24.

Syntypes of *Venus* (*Cryptogramma*) *bataviana* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole III, 117 m, strat.: Upper Miocene (RGM 6589: 1 valve); loc.: Batavia Borehole III, 81 m, strat.: Pliocene (RGM 6590: 1 valve); loc.: Batavia Borehole IV, 130-134 m (RGM 6588: 2 valves).

Subgenus unknown
*Timoclea trigonalis* (Martin, 1882)

*Venus* (*Chione*) *trigonalis* Martin, 1882: 251, pl. 13, fig. 48.
*Venus trigonalis* Martin – van der Vlerk, 1931: 281.
*Veremolpa trigonalis* (Martin) – Shuto, 1971: 63.
*Veremolpa trigonalis* (Martin) – Shuto, 1978: 107.
*Veremolpa trigonalis* (Martin) – Skwarko et al., 1994: k25.

Holotype of *Venus* (*Chione*) *trigonalis* Martin, 1882, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 6594: 1 valve).
Vaught (1989: 135), listed *Vermolpa* Iredale, 1930 (supposed to be a misspelling for *Veremolpa* Iredale, 1930) as a synonym of *Timoclea* Brown, 1827.

Subfamily Circinae
Genus *Circe*
Subgenus *Circe* (*Circe*)
*Circe* (*Circe*) *dijki* (Martin, 1884)

*Cytherea* (*Circe*) *Dijki* Martin, 1884: 213, pl. 11, fig. 211.
*Circe Dyki* Martin – Tesch, 1920: 102.
*Circe Dijki* Martin – Fischer, 1927: 128.
*Circe dijki* Martin – van der Vlerk, 1931: 277.
*Circe* (*Circe*) *dijki* Martin – Skwarko et al., 1994: j13.

Syntype of *Cytherea* (*Circe*) *Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m or 117 m, strat.: Neogene (RGM 6537: 1 valve). Martin based his description on two specimens; the one listed above and a valve from Kassi Martinu in Fialarang (Timor). The latter syntype (RGM 12023, van Dijk 359) is present in the Van Dijk-Timor collection in the NNM.

*Circe* (*Circe*) *ickeae* Martin, 1922

*Circe Ickeae* Martin, 1922: 486, pl. 61, fig. 108.
*Circe Ickeae* Martin – Martin, 1928: 129.
*Circe ickeae* Martin – van der Vlerk, 1931: 277.
*Gafrarium* (*Circe*) *ickeae* (Martin) – Beets, 1941: 164.
*Circe* (*Circe*) *ickeae* Martin – Beets, 1987a: 53.
*Circe* (*Circe*) *ickeae* Martin – Skwarko et al., 1994: j13.

Syntypes of *Circe Ickeae* Martin, 1922, collector unknown, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 6541: 1 pair); leg.: H. Martin-Icke (RGM 6543: 3 pairs, RGM 47296: 1 pair).

*Circe* (*Circe*) *junghuhni* Martin, 1917

*Circe* (*s. str.*) *Junghuhni* Martin, 1917: 271, pl. 5, figs. 128-129.
*Circe junghuhni* Martin – van der Vlerk, 1931: 277.
*Circe* (*Circe*) *junghuhni* Martin – Skwarko et al., 1994: j14.

Syntypes of *Circe* (*s. str.*) *Junghuhni* Martin, 1917, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 6539: 2 valves, RGM 6540: 12 valves); leg.: K. Martin (RGM 47274: 4 valves).
The description was based on 22 specimens.

Subfamily Dosiniinae
Genus *Dosinia*
*Dosinia boettgeri* Martin, 1879

*Dosinia Boettgeri* Martin, 1879: 96, pl. 16, fig. 4.
*Dosinia Boettgeri* Martin var – Martin, 1885: 218.
*Dosinia Boettgeri* Martin – Martin, 1919: 64.
*Dosinia Boettgeri* – van der Meer-Mohr, 1923: 126.
*Dosinia Boettgeri* Martin – Martin, 1926: 4.
*Dosinia Boettgeri* Martin – Martin, 1928: 117.
*Dosinia Boettgeri* Martin – Siemon, 1929: 4.
*Dosinia boettgeri* Martin – van der Vlerk, 1931: 278.
*Dosinia boettgeri* Martin – Martin, 1926: 4.
*Dosinia boettgeri* Martin – Skwarko et al., 1994: k7.

Syntypes of *Dosinia Boettgeri* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 6556: 1 pair); loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 6554: 3 pairs).
The description was based on nine specimens.

*Dosinia dubiosa* Martin, 1879

*Dosinia dubiosa* Martin, 1879: 97, pl. 16, fig. 6.
*Dosinia dubiosa* Martin – Boettger, 1883: 89.
*Dosinia dubiosa* Martin – Siemon, 1929: 50.
*Dosinia dubiosa* Martin – van der Vlerk, 1931: 278.
*Dosinia dubiosa* Martin – Skwarko et al., 1994: k8.

Syntype of *Dosinia dubiosa* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn K, strat.: Upper Miocene (RGM 6557: 1 valve).

Subfamily Meretricinae
Genus *Meretrix*
*Meretrix acuticosta* (Martin, 1884)

*Cytherea* (*Callista*) *acuticosta* Martin, 1884: 214, pl. 11, fig. 212.
*Meretrix acuticosta* Martin – van der Vlerk, 1931: 278.
*Meretrix acuticosta* (Martin) – Skwarko et al., 1994: j16.

Syntypes of *Cytherea* (*Callista*) *acuticosta* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole II, 117 m, strat.: Upper Miocene (RGM 6500: 1 valve); loc.: Batavia Borehole II, 130 m (RGM 6499: 1 valve).

*Meretrix gembacana* (Martin, 1887)

*Cytherea gembacana* Martin, 1885: 217, pl. 11, fig. 216.
*Meretrix gembacana* Martin – van der Vlerk, 1931: 278.
*Meretrix gembacana* (Martin) – Skwarko et al., 1994: j17.

Holotype of *Cytherea gembacana* Martin, 1885, leg.: P. van Dijk, loc.: Ngembak Borehole B, strat.: Miocene (RGM 6510: 1 valve).

*Meretrix javana* (Martin, 1879)

*Cytherea* (*Meretrix*) *javana* Martin, 1879: 100, pl. 17, fig. 3.
*Meretrix javana* Martin – van der Vlerk, 1931: 278.
*Meretrix javana* Martin – Skwarko et al., 1994: j18.

Holotype of *Cytherea* (*Meretrix*) *javana* Martin, 1879, leg.: K. Martin, loc.: Junghuhn O, strat.: Upper Miocene? (RGM 6516: pair).

*Meretrix samarangana* (Martin, 1887)

*Cytherea samarangana* Martin, 1885: 217, pl. 11, fig. 215.
*Meretrix samarangana* Martin – van der Vlerk, 1931: 279.
*Meretrix samarangana* (Martin) – Skwarko et al., 1994: j19.

Holotype of *Cytherea samarangana* Martin, 1885, leg.: P. van Dijk, loc.: Semarang, strat.: Pliocene (RGM 6509: 1 valve).

Subfamily Pitarinae
Genus *Pitar*
*Pitar jogjacartensis* (Martin, 1917)

*Meretrix* (*Pitar*) *jogjacartensis* Martin, 1917: 271, pl. 5, fig. 126-127.
*Meretrix jogjacartensis* Martin – van der Vlerk, 1931: 279.
*Pitar jogjacartensis* Martin – Skwarko et al., 1994: k1.

Syntypes of *Meretrix* (*Pitar*) *jogjacartensis* Martin, 1917, collector unknown, loc.: Junggrangan, strat.: West Progo Group, Lower Miocene (RGM 6520: 3 pairs); loc.: Kembangsokah (RGM 6519: 1 pair, RGM 6521: 1 pair, RGM 6522: 3 pairs); leg.: K. Martin (RGM 47290: 2 pairs).

*Pitar selae* (Martin, 1879)

*Cytherea* (*Caryatis*) *Selae* Martin, 1879: 102, pl. 17, fig. 5.
*Tapes selae* Martin – van der Vlerk, 1931: 279.
*Pitar selae* (Martin) – Skwarko et al., 1994: k1.

Syntypes of *Cytherea* (*Caryatis*) *Selae* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Miocene (RGM 6753: 1 pair and 6 valves, RGM 6759: 5 valves).

Genus *Callista*
*Callista aurita* (Martin, 1884)

*Cytherea* (*Callista*) *aurita* Martin, 1884: 215, pl. 11, fig. 213.
*Meretrix aurita* Martin – van der Vlerk, 1931: 278.
*Callista aurita* (Martin) – Skwarko et al., 1994: k2.

Syntypes of *Cytherea* (*Callista*) *aurita* Martin, 1884, leg.: P. van Dijk, loc.: Gresik, strat.: Miocene (RGM 6502: 1 valve); loc.: Ngembak Borehole B (RGM 6504: 1 valve); loc.: Suku Bandu (RGM 6503: 1 valve).
The description was based on four specimens.

*Callista boettgeri* (Martin, 1914)

*Meretrix* (*Callista*)*? Boettgeri* Martin, 1914: 189, pl. 8, fig. 203.
*Meretrix boettgeri* Martin – van der Vlerk, 1931: 278.
*Meretrix boettgeri* Martin – Piccoli & Savazzi, 1983: 35.
*Callisata boettgeri* Martin – Skwarko et al., 1994: k2.

Syntypes of *Meretrix* (*Callista*)*? Boettgeri* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 6508: 1 pair); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 6507: 1 valve).

*Callista macra* (Martin, 1879)

*Cytherea* (*Callista*) *macra* Martin, 1879: 101, pl. 16, fig. 11.
*Meretrix macra* Martin – Martin, 1919: 114.
*Meretrix macra* Martin – van der Vlerk, 1931: 279.
*Callista macra* Martin – Skwarko et al., 1994: k3.

Syntypes of *Cytherea* (*Callista*) *macra* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 6505: 2 pairs).
The description was based on four specimens.

Genus *Lioconcha*
*Lioconcha arntzenii* (Martin, 1917)

*Meretrix* (*Lioconcha*) *Arntzenii* Martin, 1917: 270, pl. 4, fig. 120-122.
*Meretrix Arntzenii* Martin – Martin, 1928: 129.
*Meretrix arntzenii* Martin – van der Vlerk, 1931: 278.
*Lioconcha arntzenii* Martin – Skwarko et al., 1994: k5.

Syntypes of *Meretrix* (*Lioconcha*) *Arntzenii* Martin, 1917, collector unknown, loc.: Gunung Spolong, strat.: West Progo Group, Lower Miocene (RGM 6512: 14 valves, RGM 6513: 2 pairs and 2 valves, RGM 6514: 18 valves); leg.: K. Martin (RGM 47295: 1 pair and 2

valves); collector unknown, loc.: Kembangsokah (RGM 6515: 4 valves).

*Lioconcha ickeae* (Martin, 1922)

*Meretrix* (*Lioconcha*) *Ickeae* Martin, 1922: 485, pl. 61, fig. 107.
*Meretrix ickeae* Martin – van der Vlerk, 1931: 278.
*Lioconcha ickeae* Martin – Skwarko et al., 1994: k5.

Syntypes of *Meretrix* (*Lioconcha*) *Ickeae* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 6517: 2 pairs).

*Lioconcha progoensis* (Martin, 1917)

*Meretrix* (*Lioconcha*) *progoënsis* Martin, 1917: 270, pl. 5, fig. 123.
*Meretrix progoënsis* Martin – van der Vlerk, 1931: 279.
*Lioconcha progoensis* Martin – Skwarko et al., 1994: k6.

Holotype of *Meretrix* (*Lioconcha*) *progoënsis* Martin, 1917, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 6511: 1 valve).

Subfamily Sunettinae
Genus *Sunetta*
*Sunetta ovalis* Martin, 1879

*Sunetta ovalis* Martin, 1879: 104, pl. 16, fig. 14.
*Meroë ovalis* Martin – van der Vlerk, 1931: 279.
*Sunetta* (*Sunemeroe*) *ovalis* Martin – van Regteren Altena & Beets, 1945: 56.
*Sunetta ovalis* Martin – Skwarko et al., 1994: j16.

Syntypes of *Sunetta ovalis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Miocene (RGM 6546: 4 valves, RGM 6547: 5 valves).
The description was based on 15 specimens.

Subfamily Tapetinae
Genus *Tapes*
Subgenus *Tapes* (*Tapes*)
*Tapes* (*Tapes*) *talahabensis* Martin, 1922

*Tapes* (*s. str.*) *talahabensis* Martin, 1922: 486, pl. 61, fig. 109.
*Tapes talahabensis* Martin – van der Vlerk, 1931: 279.
*Tapes* (*Tapes*) *talahabensis* Martin – Skwarko et al., 1994: k14.

Holotype of *Tapes* (*s. str.*) *talahabensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Citalahab, strat.: Nyalindung Formation, Lower Miocene (RGM 6763: pair).

Genus *Paphia*
Subgenus *Paphia* (*Calliotapes*)
*Paphia* (*Calliotapes*) *neglecta* (Martin, 1919)

*Tapes neglecta* Martin, 1919: 115, fig. 8.
*Tapes neglecta* Martin – van der Vlerk, 1931: 279.
*Paphia* (*Paratapes*) *undulata neglecta* (Martin) – Shuto, 1971: 58.
*Paphia neglecta* (Martin) – Shuto, 1975: 292.
*Paphia neglecta* (Martin) – Shuto, 1977: 134.
*Paphia* (*Calliotapes*) *neglecta* (Martin) – Shuto, 1978: 104.
*Paphia* (*Calliotapes*) *neglecta* (Martin) – Skwarko et al., 1994: k16.

Syntypes of *Tapes neglecta* Martin, 1919, leg.: H. Martin-Icke, loc.: Ci Bodas, strat.: Nyalindung Formation, Upper Miocene (RGM 6747: 1 pair); loc.: Ci Lanang, strat.: Cilanang Formation, Upper Miocene (RGM 6746: 1 pair); loc.: Ciangsana, strat.: Nyalindung Formation, Upper Miocene (RGM 6750: 1 pair); loc.: Citalahab (RGM 6745: 1 valve, RGM 6751: 5 pairs); loc.: between Ciangsana and Cimerang (RGM 6749: 1 pair); loc.: southwest of Ciangsana (RGM 6748: 1 pair).
Although Martin indicated that most of his specimens (including the one he illustrated) came from Citalahab, Skwarko et al. (1994) indicated Cilanang as the type locality.

Subgenus *Protapes*
*Paphia* (*Protapes*) *gallus* (Gmelin, 1791)

*Cytherea* (*Callista*) *ventricola* Martin, 1879: 100, pl. 16, fig. 10.
*Tapes ventricola* Martin – van der Vlerk, 1931: 280.
*Paphia* (*Protapes*) *gallus* (Gmelin) – Beets, 1950h: 338.
*Paphia* (*Protapes*) *gallus* (Gmelin) – Skwarko et al., 1994: k17.

Syntypes of *Cytherea* (*Callista*) *ventricola* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Tertiary (RGM 6723: 1 pair, RGM 6724: 2 pairs, RGM 6728: 14 pairs, RGM 6738: 5 pairs).

Genus *Venerupis*
*Venerupis samarangana* Martin, 1885

*Venerupis samarangana* Martin, 1885: 220, pl. 11, fig. 219.
*Venerupsis samarangana* Martin – van der Vlerk, 1931: 280.
*Venerupis samarangana* Martin – Skwarko et al., 1994: k19.

Holotype of *Venerupis samarangana* Martin, 1885, leg.: P. van Dijk, loc.: Semarang, strat.: Tertiary (RGM 6782: 1 valve).

Order Myoida
Suborder Myina
Superfamily Myoidea
Family Myidae
Subfamily Myinae
Genus *Mya*
*Mya virgo* Martin, 1879

*Mya virgo* Martin, 1879: 91, pl. 15, fig. 4.
*Mya virgo* Martin – van der Vlerk, 1931: 284.
*Mya virgo* Martin – Skwarko et al., 1994: k26.

Syntype of *Mya virgo* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 6853: 1 pair).
The description was based on three specimens, two from Junghuhn locality G (Gunung Brengbreng) and one from Juhnhuhn O. Skwarko et al. (1994) indicated Mount Brengbreng as the typelocality, although the illustrated specimen originates from Cilanang Gap.

Family Corbulidae
Subfamily Corbulinae
Genus *Corbula*
Subgenus *Corbula* (*Corbula*)
*Corbula* (*Corbula*) *njalindungensis* Martin, 1922

*Corbula* (*Bicorbula*) *njalindungensis* Martin, 1922: 488, pl. 61, figs. 118-119.
*Corbula njalindungensis* Martin – van der Vlerk, 1931: 283.

*Corbula* (*Corbula*) *njalindungensis* Martin – Shuto, 1982: 118.
*Corbula* (*Corbula*) *njalindungensis* Martin – Skwarko et al., 1994: m8.

Syntypes of *Corbula* (*Bicorbula*) *njalindungensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Ci Bodas, strat.: Nyalindung Formation, Middle Miocene (RGM 6936: 1 valve); collector unknown, loc.: Ciangsana (RGM 6933: 2 pairs); leg.: H. Martin-Icke (RGM 6938: 5 valves); loc.: Cimerang, strat.: Nyalindung Formation, Lower Miocene (RGM 6937: 2 valves); loc.: Citalahab, strat.: Nyalindung Formation, Middle Miocene (RGM 6934: 7 valves, RGM 47127: 1 pair and 1 valve); loc.: southwest of Ciangsana (RGM 6935: 1 pair).

### Subgenus *Corbula* (*Anisocorbula*)
### *Corbula* (*Anisocorbula*) *socialis* Martin, 1879

*Corbula socialis* Martin, 1879: 92, pl. 15, fig. 10.
*Corbula socialis* Martin – Martin, 1885: 197.
*Corbula socialis* Martin – Martin, 1919: 66.
*Corbula socialis* Martin – Tesch, 1920: 106.
*Corbula socialis* Martin – Martin, 1926: 7.
*Corbula socialis* Martin – Fischer, 1927: 34.
*Corbula socialis* Martin – Martin, 1928: 110.
*Corbula socialis* Martin – Siemon, 1929: 6.
*Corbula socialis* Martin – van der Vlerk, 1931: 283.
*Corbula socialis* Martin – Haanstra & Spiker, 1932: 1097.
*Aloidis socialis* (Martin) – Oostingh, 1935: 202.
*Corbula* (*Anisocorbula*) *socialis* Martin – Shuto, 1971: 67.
*Corbula socialis* Martin – Shuto, 1977: 139.
*Corbula* (*Anisocorbula*) *socialis* Martin – Shuto, 1978: 106.
*Corbula socialis* Martin – Beets, 1983c: 58.
*Corbula socialis* Martin – Kotaka & Hasibuan, 1983: 6.
*Corbula socialis* Martin – Beets, 1987a: 54.
*Corbula* (*Anisocorbula*) *socialis* Martin – Skwarko et al., 1994: m6.

Syntypes of *Corbula socialis* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn L, strat.: Neogene (RGM 6893: 6 valves); loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 6885: 1 pair and 8 valves, RGM 6890: 6 valves).

### Subgenus *Corbula* (*Bicorbula*)
### *Corbula* (*Bicorbula*) *ickei* Martin, 1914

*Corbula* (*Bicorbula*) *Ickei* Martin, 1914: 190, pl. 8, fig. 209.
*Corbula* (*Bicorbula*) *ickei*. Martin – Martin, 1931: 46.
*Corbula ickei* Martin – van der Vlerk, 1931: 283.
*Corbula ickei* Martin – Piccoli & Savazzi, 1983: 35.
*Corbula* (*Bicorbula*) *ickei* Martin – Skwarko et al., 1994: m7.

Syntypes of *Corbula* (*Bicorbula*) *Ickei* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 6883: 1 valve, RGM 6883: 1 valve); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 6882: 1 valve).

According to Skwarko et al. (1994) the types are in the GRDC collection in Bandung (P. J2513/108). Presumably this is the material described by Martin (1931). The Nanggulan collection described in 1914-1915, including the types of *Corbula Ickei* are in the NNM.

### *Corbula* (*Bicorbula*) *tjiguhanensis* Martin, 1922

*Corbula* (*Bicorbula*) *tjiguhanensis* Martin, 1922: 487, pl. 61, figs. 112, 115.
*Corbula* (*Bicorbula*) *tjiguhanensis* Martin – Martin, 1926: 7.
*Corbula tjiguhanensis* Martin – van der Vlerk, 1931: 283.
*Corbula tjiguhanensis* Martin – Haanstra & Spiker, 1932: 1314.
*Aloidis tjiguhanensis* (Martin) – Oostingh, 1935: 205.
*Corbula* (*Bicorbula*) *tjiguhanensis* (Martin) – Skwarko et al., 1994: m7.

Syntypes of *Corbula* (*Bicorbula*) *tjiguhanensis* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Miocene (RGM 6931: 7 pairs and 11 valves); loc.: Ciguha (RGM 6929: 3 pairs and 2 valves, RGM 6932: 6 pairs and 5 valves, RGM 47125: 3 pairs and 3 valves); loc.: Citalahab (RGM 6930: 2 pairs and 5 valves); loc.: between Ciangsana and Cimerang (RGM 6928: 3 valves).

### Subgenus unknown
### *Corbula gregaria* Martin, 1879

*Corbula gregaria* Martin, 1879: 94, pl. 15, fig. 14.
*Corbula gregaria* Martin – van der Vlerk, 1931: 283.
*Corbula gregaria* Martin – Skwarko et al., 1994: m3.

Syntypes of *Corbula gregaria* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Miocene (RGM 6917: 4 pairs and 2 valves, RGM 6918: 4 pairs and 2 valves).

Martin (1918) considered the locality Junghuhn O an error and thought that this should be Junghuhn Y.

### *Corbula ovum* Martin, 1879

*Corbula ovum* Martin, 1879: 94, pl. 15, fig. 8.
*Corbula ovum* Martin – van der Vlerk, 1931: 283.
*Corbula ovum* Martin – Skwarko et al., 1994: m3.

Holotype of *Corbula ovum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn Y, strat.: Neogene (RGM 6916: 1 valve).

### *Corbula problematica* Martin, 1879

*Corbula problematica* Martin, 1879: 91, pl. 15, fig. 9.
*Corbula problematica* Martin – Martin, 1919: 117.
*Corbula problematica* Martin – van der Vlerk, 1931: 283.
*Corbula problematica* Martin – Skwarko et al., 1994: m4.

Holotype of *Corbula problematica* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn C, strat.: Miocene (RGM 6904: 1 valve).

### *Corbula sinuosa* Martin, 1879

*Corbula sinuosa* Martin, 1879: 93, pl. 15, fig. 11.
*Corbula sinuosa* Martin – van der Vlerk, 1931: 283.
*Corbula sinuosa* Martin – Skwarko et al., 1994: m4.

Holotype of *Corbula sinuosa* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn O, strat.: Cilanang Formation, Upper Miocene (RGM 6927: pair).

### *Corbula taitensis acuticosta* Martin, 1884

*Corbula acuticosta* Martin, 1884: 197, pl. 10, fig. 200.
*Corbula acuticosta* Martin – van der Vlerk, 1931: 283.
*Aloidis taitensis acuticosta* (Martin) – Beets, 1947b: 203.
*Corbula taitensis acuticosta* Martin – Beets, 1983b: 36.

*Corbula taitensis acuticosta* Martin – Beets, 1985a: 37.
*Corbula taitensis acuticosta* Martin – Beets, 1987c: 128.
*Corbula taitensis acuticosta* Martin – Skwarko et al., 1994: m5.

Holotype of *Corbula acuticosta* Martin, 1884, leg.: P. van Dijk, loc.: Cidamar, strat.: Upper Miocene (RGM 6905: pair).

*Corbula watumurensis* Martin, 1914

*Corbula* (*s. str.*) *watumurensis* Martin, 1914: 191, pl. 8, figs. 212-213.
*Corbula watumurensis* Martin – van der Vlerk, 1931: m5.
*Corbula watumurensis* Martin – Piccoli & Savazzi, 1983: 35.
*Corbula watumurensis* Martin – Zacchello, 1984: 382.
*Corbula cicer* Vinassa – Skwarko et al., 1994: m1.
*Corbula striata* Lamarck – Skwarko et al., 1994: m5.

Syntypes of *Corbula* (*s. str.*) *watumurensis* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 6909: 8 valves); collector unknown, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 6908: 5 valves); leg.: K. Martin (RGM 6910: 4 valves, RGM 6912: 1 pair and 1 valve, RGM 6913: 4 valves, RGM 47191: 1 pair); loc.: Kali Songo, strat.: Nanggulan Formation, N5, Middle Eocene (RGM 6911: 1 valve); loc.: Watumurah, strat.: Nanggulan Formation, Middle Eocene (RGM 6914: 1 valve, RGM 6915: 1 valve).

Martin (1914: 191, pl. 8, figs. 212-214) based his description on 4 doublets and 24 valves. The Martin Collection contains 25 valves and 2 doublets. According to the labels Fig. 212 and 213 are illustrations of RGM 6912 and fig. 214 is an illustration of RGM 6914. Skwarko et al. (1994: m1, m5) synonymized, while referring to Zacchello (1984), *Corbula watumurensis* partly with *Corbula striata* Lamarck and partly with *C. cicer* Vinassa. However, Zacchello (1984) only mentioned the affinity of the Nanggulan species *C. watumurensis* Martin with the Middle Eocene species *C. striata* Lamarck from the Paris Basin and the Upper Eocene species *C. cicer* Vinassa from the Venetian region.

Superfamily Gastrochaenoidea
Family Gastrochaenidae
Genus *Gastrochaena*
*Gastrochaena fragilissima* Martin, 1914

*Gastrochaena fragilissima* Martin, 1914: 192, pl. 8, fig. 215.
*Gastrochaena fragilissima* Martin – van der Vlerk, 1931: 284.
*Gastrochaena fragilissima* Martin – Piccoli & Savazzi, 1983: 35.
*Gastorchaena fragilissima* Martin – Skwarko et al., 1994: m9.

Holotype of *Gastrochaena fragilissima* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N2, Middle Eocene (RGM 6949: 1 valve).

Superfamily Pholadoidea
Family Pholadidae
Subfamily Pholadinae
Genus *Pholas*
Subgenus *Pholas* (*Pholas*)
*Pholas* (*Pholas*) *hercules* Martin, 1926

*Pholas hercules* Martin, 1926: 8, figs. 1-2.
*Pholas* (*s. str.*) *hercules*. Martin – Koperberg, 1931: 9.
*Pholas hercules* Martin – van der Vlerk, 1931: 284.
*Pholas* (*Pholas*) *hercules* Martin – Skwarko et al., 1994: m11.

Syntypes of *Pholas hercules* Martin, 1926, leg.: H. Martin-Icke, loc.: Gunung Gombel near Candi, Semarang, strat.: Pliocene (RGM 6966: 1 pair, RGM 6967: 2 pairs).

Subclass Anomalodesmata
Order Pholadomyoida
Superfamily Poromyoidea
Family Cuspidariidae
Genus *Cuspidaria*
*Cuspidaria victoriae* (Melleville, 1843)

*Neaera inflata* Martin, 1884: 195**, .**
*Cuspidaria martini* nom. nov. pro *Cuspidaria inflata* Martin, 1886 non Sowerby, 1827 – Finlay, 1927: 532.
*Cuspidaria inflata* Martin – van der Vlerk, 1931: 287.
*Cuspidaria victoriae* Mellville – Zacchello, 1984: 382.
*Cuspidaria victoriae* Mellville – Skwarko et al., 1994: m15.

Syntypes of *Neaera inflata* Martin, 1884, leg.: P. van Dijk, loc.: Tambak Batu, strat.: Upper Miocene (RGM 7054: 2 valves).


*Dentalium tenuistriatum* Martin, 1879 RGM 7272. Syntypes and original illustration of one of the syntypes (Martin, 1879; pl. 12, fig. 12).

## Scaphopoda

Order Dentaliida
Family Dentaliidae
Genus *Dentalium*
Subgenus *Dentalium* (*Fissidentalium*)
*Dentalium* (*Fissidentalium*) *magnificum junghuhni*
Martin, 1879

*Dentalium Junghuhni* Martin, 1879: 87, pl. 12, fig. 11.
*Dentalium Junghuhni* Martin – Boettger, 1883: 141.
*Dentalium junghuhni* Martin – Martin, 1885: 185.
*Dentalium* (*Fissidentalium*) *junghuhni* Martin – Tesch, 1920: 81.
*Dentalium junghuhni* Martin – Siemon, 1929: 35.
*Dentalium* (*Fissidentalium*) *junghuhni* Martin – Koperberg, 1931: 27.
*Dentalium junghuhni* Martin – van der Vlerk, 1931: 287.
*Dentalium* (*Fissidentalium*) *magnificum junghuhni* Martin – Beets, 1983a: 9.
*Dentalium* (*Fissidentalium*) *junghuhni* Martin – Skwarko, 1994: b14.
*Dentalium* (*Fissidentalium*) *magnificum junghuhni* Martin – Skwarko, 1994: b15.

Holotype of *Dentalium Junghuhni* Martin, 1879, collector unknown, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7252).

Skwarko (1994) listed this species both under *Dentalium* (*Fissidentalium*) *junghuhni* and *D.* (*F.*) *magnificum junghuhni*. Under the first name he gave a Middle Eocene age for the species, under the second name he gave an Early Miocene age for the Javanese fossils of the species. The age on the label of RGM 7252 suggests that only the latter is correct. Skwarko (1994: b9) cited '1947 *Dentalium rutteeni* Martin; Beets: p. 337' (sic). This citation could not be traced.

*Dentalium* (*Fissidentalium*) *sokkohense* Martin, 1917

*Dentalium sokkohense* Martin, 1917: 262, pl. 4, fig. 92.
*Dentalium sokkohense* Martin – van der Vlerk, 1931: 287.
*Dentalium* (*Fissidentalium*) *sokkohense* Martin – Skwarko, 1994: b15.

Holotype of *Dentalium sokkohense* Martin, 1917, leg.: H. Martin-Icke, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7271).

Subgenus unknown
*Dentalium angsananum* Martin, 1922

*Dentalium* (*s. str.*) *angsananum* Martin, 1922: 479, pl. 55, fig. 87.
*Dentalium angsananum* Martin – Martin, 1928: 128.
*Dentalium angsananum* Martin – van der Vlerk, 1931: 287.
*Dentalium angsananum* Martin – Skwarko, 1994: b6.

Holotype of *Dentalium* (*s. str.*) *angsananum* Martin, 1922, leg.: H. Martin-Icke, loc.: Ciangsana, strat.: Nyalindung Formation, Lower Miocene (RGM 7282).

*Dentalium dijki* Martin, 1884

*Dentalium Dijki* Martin, 1884: 186.
*Dentalium* (*s. str.*) *Dyki* Martin – Tesch, 1920: 83.
*Dentalium dijki* Martin – van der Vlerk, 1931: 287.
*Dentalium dijki* Martin – Skwarko, 1994: b6.

Syntype of *Dentalium Dijki* Martin, 1884, leg.: P. van Dijk, loc.: Gresik Borehole, 725-736 m, strat.: Lower Miocene (RGM 7243: 1 specimen).

The description was based on 15 specimens, partly from the locality Fatu Lulih on Timor. A specimen from Ngembak (RGM 7242) is not included in the type series, since Martin described it as a variety (ICZN Art. 72b1).

*Dentalium enneagonum* Martin, 1884

*Dentalium enneagonum* Martin, 1884: 187, pl. 10, fig. 186.
*Dentalium enneagonum* Martin – van der Vlerk, 1931: 287.
*Dentalium enneagonum* Martin – Skwarko, 1994: b7.

Syntypes of *Dentalium enneagonum* Martin, 1884, leg.: P. van Dijk, loc.: Blakan Kebon Borehole, Semarang, strat.: Pliocene? (RGM 7244: 2 specimens).

*Dentalium gonatodes* Martin, 1884

*Dentalium gonatodes* Martin, 1884: 192, pl. 10, fig. 194.
*Dentalium gonatodes* Martin – Martin, 1919: 118.
*Dentalium gonatodes* Martin – Fischer, 1927: 112.
*Dentalium gonatodes* Martin – Martin, 1928: 5.
*Dentalium gonatodes* Martin – van der Vlerk, 1931: 287.
*Dentalium gonatodes* Martin – Skwarko, 1994: b7.

Syntypes of *Dentalium gonatodes* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole I, 6 m, strat.: Pliocene to Quaternary (RGM 7280: 1 specimen); loc.: Batavia Borehole IV, 81 m (RGM 7281: 2 specimens); loc.: Blakan Kebon Borehole, Semarang (RGM 7278: 3 specimens, RGM 7279: 1 specimen).

*Dentalium granosum* (Martin, 1884)

*Entalis granosa* Martin, 1884: 193, pl. 10, fig. 196.
*Dentalium granosum* Martin – van der Vlerk, 1931: 287.
*Dentalium granosa* (Martin) – Skwarko, 1994: b7.

Syntype of *Entalis granosa* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7275: 1 specimen).

The description was based on three fragments.

*Dentalium jonkeri* Martin, 1884

*Dentalium Jonkeri* Martin, 1884: 188.
*Dentalium* (*s.str*) *jonkeri* Martin – Martin, 1919: 68.
*Dentalium jonkeri* Martin – Martin, 1928: 5.
*Dentalium jonkeri* Martin – van der Vlerk, 1931: 287.
*Dentalium* (*Dentalium*) *jonkeri* Martin – Oostingh, 1935: 121.
*Dentalium jonkeri* Martin – Skwarko, 1994: b8.

Syntypes of *Dentalium Jonkeri* Martin, 1884, leg.: P. van Dijk, loc.: Batavia Borehole III, 81 m, strat.: Neogene (RGM 7259: 2 specimens); loc.: Ngembak Borehole B, 104-112 m, strat.: Miocene (RGM 7258: 1 specimen); loc.: Tambak Batu, strat.: Upper Miocene (RGM 7260: 1 specimen).

The description was based on five fragments. The illustrated specimen originates from Kassi Marinu on Timor.

*Dentalium molengraaffi* Martin, 1914

*Dentalium* (*s. str.*) *Molengraaffi* Martin, 1914: 179.
*Dentalium* (*s. str.*) *Molengraaffi* Martin, 1914: 179, pl. 7, fig. 178.

*Dentalium molengraaffi* Martin – van der Vlerk, 1931: 287.
*Dentalium molengraaffi* Martin – Skwarko, 1994: b9.

Syntypes of *Dentalium* (*s. str.*) *Molengraaffi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7265: 1 specimen); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7264: 2 specimens, RGM 7268: 3 specimens); strat.: Nanggulan Formation, N3, Middle Eocene (RGM 7261: 1 specimen, RGM 7267: 3 specimens, RGM 47259: 3 specimens); strat.: Nanggulan Formation, O1, Middle Eocene (RGM 7266: 1 specimen).

Syntype of *Dentalium* (*s. str.*) *Molengraaffi* Martin, 1914, leg.: K. Martin, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 7263: 1 specimen).

Martin mentioned one doubtful specimen (RGM 7262), which has been excluded from the type series (ICZN IV: 72.4.1). Skwarko (1994) erroneously referred the species to the Middle Miocene.

### *Dentalium nanggulanense* Martin, 1914

*Dentalium Junghuhni* Martin – Boettger, 1883: 141.
*Dentalium* (*s. str.*) *nanggulanense* Martin, 1914: 179, pl. 7, figs. 180-181.
*Dentalium nanggulanense* Martin – van der Vlerk, 1931: 287.
*Dentalium nanngulanense* Martin – Zacchello, 1984: 380.
*Dentalium nanngulanense* Martin – Skwarko, 1994: b9.

Syntypes of *Dentalium* (*s. str.*) *nanggulanense* Martin, 1914, collector unknown, loc.: Kali Puru, strat.: Nanggulan Formation, Middle Eocene (RGM 7250: 17 specimens); strat.: Nanggulan Formation, N1, Middle Eocene (RGM 7245: 3 specimens); leg.: K. Martin (RGM 7247: 2 specimens, RGM 7248: 5 specimens, RGM 47182: 5 specimens); strat.: Nanggulan Formation, N2, Middle Eocene (RGM 7246: 2 specimens, RGM 7251: 1 specimen); loc.: Watumurah, strat.: Nanggulan Formation, Middle Eocene (RGM 7249: 4 specimens).

### *Dentalium rutteni* Martin, 1917

*Dentalium Rutteni* Martin, 1917: 262, pl. 4, fig. 91.
*Dentalium rutteni* Martin – van der Vlerk, 1931: 287.
*Dentalium rutteni* Martin 1914-15in Skwarko, 1994: b9.

Syntypes of *Dentalium Rutteni* Martin, 1917, collector unknown, loc.: Kembangsokah, strat.: West Progo Group, Lower Miocene (RGM 7256: 3 specimens); leg.: K. Martin (RGM 7257: 14 specimens, RGM 47284: 2 specimens).

### *Dentalium serratum* Martin, 1884

*Dentalium serratum* Martin, 1884: 189, pl. 10, fig. 189.
*Dentalium serratum* Martin – van der Vlerk, 1931: 287.
*Dentalium serratum* Martin – Skwarko, 1994: b9.

Holotype of *Dentalium serratum* Martin, 1884, leg.: P. van Dijk, loc.: Gresik Borehole, 725-736 m, strat.: Lower Miocene (RGM 7270).

### *Dentalium spiniforme* Martin, 1884

*Dentalium spiniforme* Martin, 1884: 191, pl. 10, fig. 193.
*Dentalium spiniforme* Martin – van der Vlerk, 1931: 287.
*Dentalium spiniforme* Martin – Skwarko, 1994: b10.

Syntypes of *Dentalium spiniforme* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 104-112 m, strat.: Lower Miocene (RGM 7277: 9 specimens).

### *Dentalium subrectum* Martin, 1884

*Dentalium subrectum* Martin, 1884: 185, pl. 10, fig. 180.
*Dentalium subrectum* Martin – Koperberg, 1931: 25.
*Dentalium subrectum* Martin – van der Vlerk, 1931: 288.
*Dentalium subrectum* Martin – Skwarko, 1994: b10.

Syntypes of *Dentalium subrectum* Martin, 1884, leg.: P. van Dijk, loc.: Gresik Borehole, 192 m, strat.: Lower Miocene (RGM 7239: 1 specimen); collector unknown, loc.: Ngembak (RGM 7240: 1 specimen); leg.: P. van Dijk (RGM 7238: 1 specimen, RGM 7241: 1 specimen).

### *Dentalium tenuistriatum* Martin, 1879

*Dentalium tenuistriatum* Martin, 1879: 88, pl. 12, fig. 12.
*Dentalium tenuistriatum* Martin – van der Vlerk, 1931: 288.
*Dentalium tenuistriatum* Martin – Skwarko, 1994: b10.

Syntypes of *Dentalium tenuistriatum* Martin, 1879, leg.: F. Junghuhn, loc.: Junghuhn R, strat.: Upper Miocene (RGM 7272: 5 specimens).

### *Dentalium trigonale* Martin, 1884

*Dentalium trigonale* Martin, 1884: 191, pl. 10, fig. 192.
*Dentalium trigonale* Martin – Martin, 1919: 118.
*Dentalium* (*Gadilina*) *trigonale* Martin – Koperberg, 1931: 30.
*Dentalium trigonale* Martin – van der Vlerk, 1931: 288.
*Dentalium trigonale* Martin – Skwarko, 1994: b10.

Holotype of *Dentalium trigonale* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak, strat.: Miocene (RGM 7276).

## Order Gadilida
## Family Entalinidae
## Genus *Entalina*

### *Entalina compressa* (Martin, 1884)

*Dentalium compressum* Martin, 1884: 189, pl. 10, fig. 190.
*Entalina compressa* Martin – van der Vlerk, 1931: 288.
*Entalina compressa* (Martin) – Skwarko, 1994: b18.

Syntypes of *Dentalium compressum* Martin, 1884, leg.: P. van Dijk, loc.: Ngembak Borehole B, 112 m, strat.: Lower Miocene (RGM 7291: 6 specimens).

### *Entalina quadrata* (Martin, 1884)

*Dentalium quadratum* Martin, 1884: 190, pl. 10, fig. 191.
*Entolina quadrata* Martin – Martin, 1919: 118.
*Entalina quadrata* Martin – van der Vlerk, 1931: 288.
*Entolina [sic] quadratum* (Martin) – Skwarko, 1994: b18.

Syntypes of *Dentalium quadratum* Martin, 1884, leg.: P. van Dijk, loc.: Gresik Borehole II, 221, 222 and 498 m, strat.: Lower Miocene (RGM 7290: 5 specimens).

## Concluding remarks

A total of 1842 samples, including 5724 type specimens (4293 gastropods, 1013 valves and 236 doublets of bivalves as well as 178 scaphopods) and 4 samples with numerous type specimens in matrix are present in the Martin collection. While comparing the original descriptions of the taxa with the encountered amount of type specimens, a large amount of syntype specimens, especially in large type-series, were not recovered, or could not be recorded due to the limited amount of time available for this project. Only very few primary holotypes and lectotypes were found missing. The Martin collection is very valuable as a type repository for fossil taxa, and also increasingly for extant taxa. We hope that this catalogue will contribute to the accessibility of the collection for future research.

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## List of fossil localities

In the catalogue modern spelling is attempted for localities from which fossils were collected. The transcription of the old names as used on the labels to the modern names is sometimes arguable, since sometimes several names are applied to a single locality. Some names were not found in Randall et al. (1982) or other consulted references. The table below shows the names as used in the catalogue together with remarks and citations from the label (L) or from the original type description (T). Current locality names are based on Randall et al. (1982), anonymous (1923) and Verbeek & Fennema (1896). For the so-called Junghuhn localities (e.g. Junghuhn L) is referred to Junghuhn (1854).

| | |
|---|---|
| ?Bayah: | 'vermutlich von Bajah, in der Residenz Bantam' (T). |
| ?Cimanceuri near Bayah: | 'vermutlich am Mantjeurih, bei Bajah, gesammelt' (T). |
| ?Cingatu, Cirebon: | 'vielleicht vom Tji Ngatu, am Wege von Tjikalahang nach Mandirantjan, in Cheribon.' (T). |
| Beberkiri river: | 'südlich von Njaliendung, im Unterlaufe des Flusses Beberkiri, im Distrikte Djampangtengah, der Abtheilung Sukabumi…'(T). |
| Bomaas: | 'gemein an einem Orte unsern Bomaas.' Res. Djokdjakarta' (T). |
| Cadasngampar: | 'Tsjadasngampar am Tji Longan' (T). |
| Ci Beber: | 'Aus der Gegend von Njaliendung, dem Bette des Tji Beber kiri' (T). |
| Ci Bodas: | 'Kali Tjibodas, unter Njalindung' (L). |
| Ci Jajar, Ci Waringin in Leuwimundig: | 'Mündung des Tji Djadjar, in Madjalengka' (T); 'von dem Ausmündung des Tji Djadjar in den Tji Waringin, Distrikt Leuwimunding.' (T) 'Res. Cheribon' (T); der Mündung des Tji Djadjar in Cheribon' (T). |
| Ci Lanang: | 'Oberhalb Tjikapoetik im Tji Lanang; am Fuss des Pater Kaeta' (or '...Kalta') (L); 'Bandung, Tji Lanang' (L). |
| Ci Longgan: | 'Tji Longan bei Selatjau' (T); 'Ufer des Tji Longan in den Preanger-Regentschaften' (T); 'von Selatjau, am Tji Logan' (T); Res. Preangerreg.' (L). |
| Ci Manceuri: | 'Bajah, Res. Bantam' (L); 'am Flusse Mantjeurih bei Rajah' (T); 'Tji Mantjeurih' (T). |
| Ciangsana: | 'Tji Angsana, Res. Preangerrregentschap' (L). |
| Ciburial: | 'Coll. Verbeek 11 IV, Java, Preanger', 'vom Zusammenflusse des Tji Burial und Tji Tangkil' (L). |
| Cidamar: | 'Tji Damar, Areangerregentschap' (Tjidamar = Junghuhn L) (L). |
| Ciguha: | 'Tjiguha' (L). |
| Cikeusik: | 'Kampong Tjikeusik in Tjaringin' (there are 2 villages called Cikeusik close to each other in Java) (T) 'vom Kampong Tjikeusik, im Distrikte Tjibaliung'; (T) L: 'Res. Bantam, Verbeek 108 XI=1993' (another label with same Verbeek code says: 'Tjikeusik') |
| Cikumpay: | 'in der nähe von Tjikumpai in Bantam' (T). |
| Cikuray: | 'Post Tjikorai' (L), T: 'Tjikorai' (T). |
| Cimara: | 'Tjimara, Res, Cheribon = Tji Ngatu' (L). |
| Cimerang: | 'Tji Merang, Goenoeng Boelend, Preanger Regentsch.' (L); 'Tji Merang bei G. Buleud' (L). |
| Ciodeng: | 'Tji Odeng in Palabuan' (T); 'Kampong Odeng am Tji Djarian, Distrikte Palabuan' (T); 'Tji Odeng, Preanger Reg.' (L); 'Tji Odeng, Preanger Reg.' (L); 'Kampong Odeng am Tji Djarian, Distrikt Palabuan' (T); 'Kampong Odeng, in Distrikte Palabuan' (T); 'Tji Odeng, Preanger Reg., Res. Auangerreg.' (L), 'vom Tji Djarian bei Kampong Odeng' (T); 'Odeng, Preanger' (L). |
| Citalahab: | 'Tji Talahab, Preanger Reg.' (L); 'Tji Talahab, nördlich von Njaliendung' (several localities fit this description) (T). |
| Citangkil: | 'Tji Tangkil, Preanger Reg.' (L); 'Vereinigungspunkte des Tji Burial und des Tji |

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| | Tangkil, dem Fundorte O Junghuhns' (T). |
| Citaon: | 'Tji Taon' (no reference found to this place) (L). |
| Ciyayar: | 'Tji Djadjar bei Parungdjadja in Madjalengka' (T); 'Von der Mündung des Tji Djadjar' (T). |
| Darmawangi: | 'bei Desa Tjariang, unsern Darma wangi'. |
| Djawana: | 'Djawana' (L), 'Rembang' (not found in Randall et. al, 1982) (L). |
| Gresik: | 'Grissee' (L); 'von der Küste von Grissee' (T); 'Grissee in Tjirmee' (T,L). |
| Gulukguluk: | 'südlich von Gulukguluk bei Sumenep auf Madura' (T). |
| Gunung Butak: | 'aus der Gegend des Gunung Butak, in Rembang' (T). |
| Gunung Gamping, Yogyakarta: | 'G. Gamping bei Jogjakarta' (L). |
| Gunung Gombel near Candi, Semarang: | 'G. Gombel bei Tjandi Semarang' (L). |
| Gunung Malang, Gresik: | 'Gunung Malang in Grissee' (T). |
| Gunung Sela: | 'G. Sela' (L); 'Gunung Sela' (T). |
| Gunung Spolong: | 'G. Spolong, Res. Djokjakarta' (not found in Randall et. al, 1982) (T). |
| Gunung Spolong and Kembangsokah: | 'Fig. 102: G. Spolong, Fig 103: Kembang Sokkoh' ?(Kembangsokah in Banyumuvalley) (L). |
| Gunung Spolong or Kali Kemejing: | '1. G.Spolong (22 juni) 2. Kali Kemedjing (23 juni)' ?(river Kemedjing in Banyumudal and in Loano) (L). |
| Junggrangan: | 'Kampong Djunggrangan' (L). |
| Junghuhn C: | Eastern part of Jampang -Kulon, near the sea, between the rivers Ci Karang and Ci Kaso, in the neighbourhood of the villages Pelabuhanratu and Landak. |
| Junghuhn J: | Junghuhn I, the rift of Ci Upih, near the village of Kolamperes, between Gunung-Brengbreng and Sindang baran in the district of Cidamar. |
| Junghuhn K: | Western part of Cidamar. |
| Junghuhn L: | Inner part of Cidamar |
| Junghuhn M: | Eastern part of Cidamar |
| Junghuhn O: | South-western part of the Bandong high. Rongga district. Gunung Sela or Cilanang Gap in the Nangulan Area |
| Junghuhn P: | The calcareous layer in th eastern part of the promontory. |
| Junghuhn R: | brook mouth of Tji-Karang, east of the village of Tjieri between the rivers Tji-Kantang and Tji-Laouteren in the district of Kendeng wesi of the Sukapura Regency. |
| Junghuhn T: | A valley near Tji-Berem in the district of Karang in the Sukapura regency. |
| Junghuhn Y: | the neighbourhoud of the mountain, which Junghuhn called Tjelatjap, between Madura and Sinde. |
| Junghuhn Z: | the most northernly situated tertiary chain, situated in the Kouningan regency, Tjeribon residence. |
| Kalanganyar: | 'von dem Schlammsprudel Kalang Anjar' (T); 'von der Schlammquelle Kalang Anjar, in der Residenz Surabaja, aufgeworfen' (T). |
| Kali Cemoro: | 'Soerakarta' (L), 'vom Kali Tjemoro, unterhalb Sangiran' (T); 'aus einem Tuffsandsteine vom Kali Tjemoro, im Distrikte Kalioso, in Solo' (T); 'Kali Tjemoro im Kritjiangebirge' (T). |
| Kali Kemejing: | 'Kali Kemedjing, West Progogebergte' (not found in Randall et. al, 1982), probably in or near Banyumudal (L). |
| Kali Puru: | 'Kali Puru unterhalb N2, Res. Djokjakarta' (Kali Puru, Kalipuru, Kalipoeroe or Cipuru not found in Randall et. al, 1982 in Java) (L). (Kali Puru is a brook draining the G. Kembang, located c. 3 km N of Nanggulan, on the west side of the valley of the Kali Progo: Zacchello et al., 1984: 379). |
| Kali Songo: | 'Kali Songo, Res. Djokjakarta' (not found in Randall et. al, 1982) (L). (Kali Songo is brook draining the G. Kembang, located c. 3 km N-NW of Nanggulan, on the west side of the valley of the Kali Progo: ..Zacchello et al., 1984: 379). |
| Kassi Marinu: | 'Res. Madioen' (L); 'Kassi Marinu in Fialarang auf Timor' (Kassi Marinu not found in Randall et. al, 1982, Fialarang is Filarang, Timor, Madiun is on Java) (T). |
| Keboe Lintang, Juwana: | 'Kebo Lintang in der Abteilung Djuwana (Djapara)' (T). |
| Kembangsokah: | 'Kembang Sokkoh' (probably Kembangsokah in Banyumudal) (L). |

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| Kramat: | 'Kampong Kramat' (T); 'Verbeek 1503' (Several localities with this name in Randall et. al, 1982) (L). |
| Lodan: | 'Südlich v. Lodan' (L). |
| Madiun: | 'Sonde, Res. Madioen' |
| Majalengka: | 'Desa Baribis, im Distrikte Madjalenka' (Desa Barib not found in Randall et. al, 1982) (T). |
| Margahina: | 'Margahina, Res. Cheribon' (L). |
| Menengteng Gorge, Waled, Ceribon: | 'aus der Menengteng Schlucht' (no Menengteng found in Randall et. al, 1982) (T); 'Waled, Menengtengkloof, Res. Cheribon' (L). |
| Nanggulan: | see Kali Puru and Kali Songo |
| Ngampel: | 'Ngampel in Rembang' (T). |
| Ngembak: | 'Ngembak, Res. Semarang' (No Ngembak in Randall et. al, 1982) (L). |
| Ngrawan: | 'Ngrawan in Solo' (Solo is also older name for Surakarta) (T); 'Ngrawan, Res. |
| Soerakarta' (Randall et. al, 1982: | Ngrawan, Kali =Rawon, Kali) (L). |
| Nyalindung: | 'Njaliendung, Preanger reg.' (L). |
| Padasmalang: | 'Padas Malang linker Ufer' (L), 'Padasmalang' (not found in Randall et. al, 1982) (T). |
| Pamotan: | 'aus der Gegend des G. Butak in Pamotan' (T); 'Res. Rembang' (2 mountains called Butak, no Pamotan near one of them) (L). |
| Pangkah: | 'Res. Tegal' (L); Pangka, Tegal' (T); 'Verbeek 801' = 5 km east of Pangka near Winong, distr. Gantoengan, afd. Tegal (L). |
| Panowan River, Rembang: | 'Panowan rivier, Rembang' (not found in Randall et. al, 1982) (L). |
| Pelabuhanratu: | 'Palaboean-ratoe, Res. Djokjakarta' (L); 'Palaboean-ratoe, Res. Preangerreg.' (L); 'Palabuan-ratu' (Palaboehan Ratoe = Wijnkoopsbaai) (T). |
| Podjok: | 'Podjok' (Can be Pujuk of river Pojok?) (L). |
| Puntuk: | 'Puntuk tedjo' (T). |
| Raja river, Bawean island: | 'Sungei Radja, Insel Bawean' (T); 'Res. Soerabaja' (L). |
| Sangiran in Boyolali: | 'Res. Soerakarta' (L); 'Sangiran in Bojolali' (T); 'Sangiran, im Distrikte Kalioso der Residenz Solo' (T). |
| Sedan: | 'Sedan, in der abtheilung Rembang' (T). |
| Selacai and Cidamar: | 'Preanger Selatjau & Tji Damar' (L). |
| Sindangsari: | 'von einem Punkte zwischen Sindangsari und Njaliendung' (T). |
| Singkir in Mandala: | 'Verbeek no. 1583' –-> ' Singkir; distrikt Mandala, afd. Soekapoera' in de Preanger Reg. (Singkir and Mandala not in Randall et. al, 1982) (L). |
| Sonde: | 'Verbeek 375' = Sondé, aan de Solo-rivier; distr. Gendingan, afd. Ngawi. (Solo-rivier=K. Sali=K. Bengawan) Ngawi in Madiun (L). |
| Sudimanik: | 'Verbeek 1995' = 'bij Soedimanik; distr. Jibalioeng, afd. Tjaringin' in Bantem (L). |
| Suku Bandu: | 'Grissee, Soekoe Bandoe' (L). |
| Tambak Batu: | 'Tambak Ratoe, Res. Soerabaja' (L); 'Tambak Batu' (not in Randall et. al, 1982) (T). |
| Tambakbatu in Mojokerto: | 'Res. Semarang' (L); 'Tambakbatu, oberhalb Simo, in Modjokerto' (Simo, Modjokerto = Mojokerto) (T). |
| Watulumbung: | 'Verbeek 463' = versteeningen uit mergel 462. 462 = 'bij Doekoeh Watoe loem-boeng, 2 paal west van Ngareanak; distr. Bodja, afd. Kendal' (L). |
| between Ciangsana and Cimerang: | from between Tjiangsana and the Tji Merang, near a brook flowing towards Tji Lengka. |

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