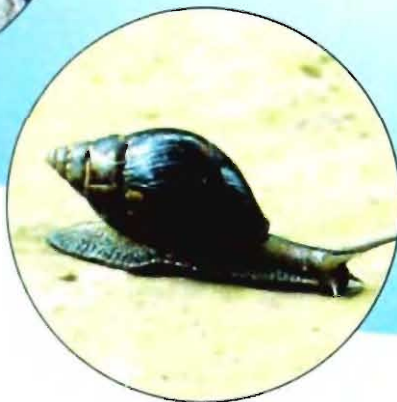




OCCASIONAL PAPER No. 306

Annotated Checklist of Indian Land Molluscs

RAMAKRISHNA, S.C. MITRA and A. DEY



ZOOLOGICAL SURVEY OF INDIA

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**RECORDS OF THE
ZOOLOGICAL SURVEY OF INDIA**

**Annotated Checklist of
Indian Land Molluscs**

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सत्यमेव जयते

**Zoological Survey of India
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PREFACE

Land molluscs constitute a small percentage of terrestrial invertebrates, the habitat preference is predominantly the litter formed by the senescent vegetation. Associated with the litter other edaphic factors play the crucial role in the ecosystem for their survival and distribution, especially the iron content, sometimes boron, calcium and zinc. Continuing loss of mollusc diversity is detrimental, not only to ecosystems, but in the long run, to the welfare of humankind itself.

With the increasing awareness on the importance of biological diversity and environmental conservation, for the future of the mankind, it has become necessary to estimate the resources at the first level, subsequently to understand the structural and functional significance of the species. In this regard, zoologists and naturalists of this survey, labouring earnestly for the advancement of knowledge on natural resources, in the form of monographs and series of periodical publications issued by this department. Mention may be made of the contributions in the form of Fauna of British India, Mollusca volumes : Blanford and Godwin-Austen (1908), Gude (1914, 1921), and after a longtime the authors published a Handbook on Indian Land Snails, which deals nearly 150 selected Indian species. It is for this reason, and a very little attention has been paid for land molluscs compared to marine and freshwater species, the authors initiated to prepare a checklist of Indian land mollusca to enumerate the actual number of snails from India. This "Annotated Checklist of Indian Land Molluscs" is based on the intensive study made by the authors during their work in Zoological Survey of India, which hold a substantial number of National Zoological Collections.

The present work catalogues all species known from India, systematically placing them under appropriate genera and family. Since, we lack more recent revisionary work on taxonomy of India Land Molluscs; the placement of species under different genera in some of the families is rather provisional. This work was mainly based on the literature available on Indian Land Molluscs, specimens present in the National Zoological Collections of Zoological Survey of India, and the material received in Mollusca sections for identification from different parts of the country. Classification followed in this catalogue is that of Vaught (1989). All the genera are placed as per the arrangement made by the authors i.e. the type genus first and then all others in the alphabetical order. The synonyms, the 1st reference followed by almost all Indian references as much as possible along with the distribution of each species.

It is earnestly believed that this catalogue will stimulate interest in understanding the diversity of Land Molluscs, and hope the scientists working in the field will bring any short comings in the catalogue, so that necessary incorporations could be made in future.

**Ramakrishna
S.C. Mitra
A. Dey**

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INTRODUCTION

The need for a stronger focus on invertebrate conservation has long been organized, but information on the status and distribution of the majority of invertebrates simply does not exist (Groombridge, 1992). Recognizing the importance of molluscs (an invertebrate) in the life of humankind and the significant roles they play in ecosystems, the mollusk specialist group (MSG) of ICUN believes that continuing loss of molluscs diversity is detrimental not only to ecosystems but in the long run to the welfare of humankind itself.

Starting from the days of Roman civilization, land molluscs have occupied an important place in the life of man. They are also among the most successful and specialized groups of macro-organisms second only to the insects in numerical terms. Land molluscs are mostly ground dwellers and the primary habitat for them is damp shady corners among vegetation, under fallen leaves, litter, under stones, wooden logs, and in the crevices. Some species actively crawls on damp walls, e.g. (*Opeas gracile*, *Macrochlamys* spp), with algal growth, particularly during rainy season. Some inhabit the humid tracts of sub Himalayan mountain ranges. A few prefer salty environment and live in bushy patches within a few hundred meters from sea coast (e.g. *Trachia vittata*), other have adapted to the branches and leaves or inside bark of tree (*Succinea* spp, *Rachis* spp.). Some are subterranean staying at substrate level of soil (*Ferussacia* sp., *Cecilioides* sp.). Yet others are specially adapted to arid and semiarid situation (*Pupoides* sp., *Zootecus* spp.) and a few members of Buliminids. Lacking the protective shell cover, slug may be choosier, often taking shelter inside the petioles or fold of leaves of plant etc. Usually slugs avoid sunlight so they are more active during night or early morning.

Land molluscs belong to the Class Gastropoda (Stomach footed), most of them are snails, possessing a coiled calcareous shell, which encloses the body and is carried above a long broad foot. Shells constitute the most important morphological characters of molluscs for identification and exhibit a high degree of variation in the shape, size, sculpture, texture etc. In size the shell ranges between 1-2 mm (*Acmella*, *Hydrocena*, *Diplommatina*, *Pupisoma*, *Pupilla*, *Pyramidula* etc.) to 80-100 mm (*Achatina*, *Hemiplecta*, *Prosopreas*). Prosobranch shells are operculate, possessing an operculum which closes the shell aperture, whereas pulmonates lack an operculum. Both operculate and non operculate originated from sea dwellers that had invaded land. They have developed ways of air breathing, feeding and also of producing offspring's independent of water. Non operculates are mostly on land because they are more developed for their terrestrial existence under widely varied situation, while the operculates are most successful in the moist and humid part of the tropics. Overall, the non operculates out number the opeculates by 5:1 ratio (world), in India it is approximately 2:1. Depending upon the side on which the aperture opens, a shell is called dextral or sinistral. Dextral shells are more common, sinistral shells are seen in members of some genera such

as *Ariophanta*, *Amphidromus*, *Phaedusa*, *Plectopylis*. Shell may be thick and strong, as in *Cyclophorus*, *Hemiplecta*, *Achatina* or may be thin and fragile as in *Cryptaustenia*, *Succinea*, *Austenia*, *Indrella*.

Land molluscs play a very significant role in the terrestrial ecosystems. By virtue of their numerical superiority they to a large extent regulate the activities of other groups of organisms. They act as an important link in the natural food chain by way of decomposing and degradation of leaf-litters. They also serve as a major calcium supplier to the soil and also to various other small vertebrates like, frogs, lizards, snakes, birds etc.

ORIGIN OF MOLLUSCS

It is assumed that the ancestor of molluscs might have occurred in the Cambrian period and the record of molluscs date back to more than 500 millions years, to the oldest Cambrian deposits. Fossil records of land molluscs extend back to the Carboniferous, 350 million years ago. This led some Malacologists to the reconstruction of molluscan evolution and phylogeny and to conceptualise artificial and ancestral molluscan model or archetype. Annelids and molluscs exhibit spiral cleavage and identical trochophore larvae. Discovery of *Neopilina* (living Monoplacophora) supports the relationship of annelida and mollusca. However, Stasek (1972) is of the opinion that annelids and molluscs arose from free living flatworm nemertine stock. The molluscs show pseudometarism in primitive forms but abandoned this tendency to metamerism as in annelids. The two groups derived from common ancestor, prior to the pronouncement of either molluscan or annelidan characters. The theory proposed by Lang (1896) and developed by Stasek (1972) unfolds the molluscan framework in four stages; ancestral form, transitional tubellariform stage, transitional molluscan stage and advanced mollusca stage.

STUDIES ON INDIAN LAND MOLLUSCS

William Benson (1821) was the first and the most inspiring Malacologist in India (Naggs, 1997), with an outstanding contribution of 57 papers on land snails. Thomas Hutton (1834) published a paper on Indian land snails in the Journal of Asiatic Society, Bengal. Woodward (1856) reviewed the Indian land snails and listed 350 species. Later a number of workers contributed to the taxonomy of Indian land molluscs in the pre-independence era which included Benson (1832, 1848, 1850, 1851, 1852, 1854, 1857, 1859, 1860, 1861, 1862 and 1864), Theobald (1859, 1863, 1875, 1876, 1878), Blanford and Blanford (1860, 1861), Blanford (1862, 1865, 1868, 1870, 1872, 1880, 1889, 1901 and 1904), Tryon (1869), Godwin-Austen (1870, 1875, 1876, 1882, 1888, 1892, 1893, 1895, 1899, 1914, 1915, 1916, 1917, 1918, 1920 and 1922), Beddome (1875, 1891, 1906), Hanley and Theobald (1876), Nevill (1878, 1881), Gude (1906, 1915), Preston (1908, 1915), Pilsbry (1909), Annandale and Rao (1923) and Rao (1924). Most of these works were isolated reports and descriptions of new taxa, the studies on Indian molluscs culminated and took a final shape in the form of the "Fauna of British India" molluscs volumes; Blanford and Godwin-Austen (1908), Gude

(1914, 1921) and also Godwin–Austen (1914) on Land and Freshwater molluscs of India. During the intervening decades studies on the taxonomy and classification of land molluscs have resulted in significant changes and moreover, the publication of above cited specialised works were aimed at Malacologists rather than a more general audience of naturalists.

Most recent systematic works on the Indian land molluscs viz Ray (1951), Rajagopal and Subba Rao (1968, 1972), Mitra and Dey (1977, 1990, 1992), Subba Rao and Mitra (1979, 1991, 1995), Subba Rao *et al.* (1981, 1989, 1995), Dey *et al.* (1985, 2003), Thakur *et al.* (1992), Surya Rao and Mitra (1997), Surya Rao *et al.* (1997, 2006, 2007), Dey and Mitra (2000), Mukherjee *et al.* (2000), Ramakrishna and Mitra (2002), Rajendra *et al.* (2004), Ramakrishna *et al.* (2005), on the other hand are all fragmentary reports dealing with land molluscs of a particular area.

Mitra *et al.* (2005) published a Pictorial Handbook of Indian land molluscs selected species, where in they dealt 150 selected common species covering all the genera and discussed different aspects, such as habit, habitats, feeding, reproduction, defense, ecology, distribution and also various roles played by the land molluscs. In this work they described all these species, their distribution, synonyms and illustrated with photographs and fixed the status of different species of land molluscs such as abundant, common and rare.

However, a single comprehensive volume presenting all the species of Indian land molluscs under one cover so far remained elusive. The present work catalogues all the species known from India, systematically placing them under appropriate genera and families, as far as possible. But since undeniably we lack more recent revisionary works on the taxonomy of Indian land molluscs, the placement of species under different genera in some of the major families is rather provisional. This work was mainly based on the i) all literature available in Indian land molluscs; ii) the collection present in the National Zoological Collection of Zoological Survey of India; iii) the materials received in Mollusca Section of Zoological Survey of India for identification from different parts of the country.

The diversity of the extant phylum is shown by the seven known classes (Vaught, 1989).

Phylum Mollusca Cuvier, 1795

Class 1. Aplacophora von Jhering, 1876

Class 2. Polyplacopora de Blainville, 1816

Class 3. Monoplacophora Wenz, 1940

Class 4. Gastropoda Cuvier, 1795

Class 5. Cephalopoda Cuvier, 1795

Class 6. Bivalvia Linnaeus, 1758

Class 7. Scaphopoda Beonn, 1862

Classification followed in this catalogue is that of Vaught (1989). All the genera are placed as per the arrangement made by the author i.e. the type genus first and then all in

alphabetical manner. The species are arranged in alphabetical order. In synonyms the 1st. reference followed by almost all Indian references as much as possible along with the distribution of each species.

SHELL MODIFICATION

Land snails are air breathers; oxygen is absorbed along the whole surface of the body. Operculates respire through the membrane of body cavity, which is charged with thin blood vessels. Non-operculates have improved lungs, but the lung of molluscs is not as complex as in higher animals. Among the Indian land operculates at least 12 genera have various modifications including tubers notches, canals, grooves etc. These specialised structures are located either at the peristome or close to it. Well formed tubes are present in genera like *Alycaeus*, *Rhaphaulus*, *Pearsonia* and *Dioryx*. In the first two genera the tubes are porous and closed at one end and remain adhered to the structure. In the two later genera the tubes are open at both the ends and vary in position from species to species. *Rhiostoma* and *Pterocyclus* have imperfectly built tubes. Canals, grooves and notches are found in *Pupina*, *Tortulosa*, *Schistoloma* and *Diplommatina* has columellar elevation, to maintain contact with outer atmosphere even when the snails remain fully retracted behind their operculum. Various modifications in shells are shown by a number of genera like, *Streptaxis*, *Plectopylis*, *Pupilla* and *Gulella*. The genus *Alycaeus* has a strongly formed trumpet shaped aperture. In *Opisthostoma*, a small genus from the peninsular India, the shell is upturned; the body whorl is curved upward and as a result, when moving, the shell is carried upside down (spire close to the ground). A remarkable modification in shell character is shown by the genus *Lithotis* to suit its semi-aquatic habitat, on vertical surface along hill streams. Besides assuming a limpet shape to facilitate the flow of water with reduced resistance, it has a special feature the pneumostomal ridge, which channels the water over the shell (both sides of the ridge) and ensures air space for the pneumostome or breathing pore.

SHELL CHARACTERS OF LAND MOLLUSCS

The land genera belonging to the families Pupinidae, Helicinidae and Enidae have smooth and polished shells; the majority of shells are variously sculpture. The most common sculpture consists of striae, fine or coarse. Radial striae are seen in *Gulella*, *Ariophanta*, *Khasiella*; spiral striae are seen in *Sitala*, *Georissa*, *Cyclophorus*, *Pterocyclus* etc. Some taxa possess decussating sculpture, both radial and spiral together like *Oxytes*, *Bensonies* and *Cryptozona*. Example of imperforate shells with closed umbilicus are found in the families Helicinidae, Subulinidae etc., while a widely open umbilicus seen in the Cyclophoridae, Corillidae etc.; a narrowly open perforation (Perforate) is present in the shell of Ariophantidae, Helicarionidae etc. Some shells possess fringe of hairs or bristles. Sutures can be shallow and superficial or deep and canalized. Coloured bands are seen in the shells of *Rachis*, *Amphidromus*, *Trachia* and some species of *Cryptozona*.

Some terrestrial gastropod group's possess greatly reduced shell or the shell may be completely absent. Sometimes a rudimentary part of the shell is enclosed inside the body as in *Mariella* or *Anadenus*. The shell-less forms belong to the highly adaptable and specialized group called slugs. In general, humid situations with low calcium contents encourage slug populations. Lack of shell is a derived character and slugs enjoy a few tactical advantages over the shelled snails, such as being able to access confined shelters denied to snails.

Apart from the wide variations in the shell characters as discussed above, land molluscs exhibit an interesting and very clear gradation in shell formation so far as enclosing the animal is concerned. Shell containing the animal completely and possessing an operculum (trap door) which can seal the aperture (*Pearsonia*, *Leptopoma*); shell encloses the animal completely but lacks of operculum, the aperture remains open (temporary-paper like ephiphragm may be produced when necessary (*Macrochlamys* and *Chloritis*); shell shallow does not enclose the animal completely (*Austenia*); shell thin and flat, partly internal partly external (*Girasia*); residual plate-like shell, completely internal (*Andaenus*) and shell is totally lacking (*Meghimatium*).

IDENTIFICATION CHARACTERS FOR LAND MOLLUSCS

The following shell characters are important for identification: i) shape of shell, ii) umbilicus, open or closed, iii) sculpture, iv) form of aperture, v) number of whorls and vi) presence or absence of operculum. The following type of shells are usually seen in Indian land molluscs; pupiform (*Pupina*, *Gulella*, *Zootecus*); elongate-ovate (*Ena*, *Rachis*, *Glessula*); elongate-turreted (*Prosopaeas*, *Allopeas*); globosely depressed (*Macrochlamys*, *Cryptaustenia*); depressed (*Videna*, *Sivella*, *Planispira*, *Theobaldius*); globose (*Cryptozona*, *Cyclophorus*); conical (*Ganesella*, *Kaliella*, *Sitala*) and ear shaped shallow (*Austenia*). The form and shape of last whorl is also important, it may be ascending or descending near the aperture, and it may also be rounded or keeled at the periphery.

The aperture exhibit unique characters viz, circular (mostly restricted to a single family Cyclophoridae), lunate (most common in land snails *Macrochlamys*); sub-quadrate (*Videna*, *Sivella*); ovate (members of Subulinidae, Enidae). Some of the genera in Cyclophoridae possess a double peristome and a few species belonging to the family Streptaxidae, Pupillidae and Plectopylidae have teeth or lamellae inside the aperture. A strongly reflected peristome can be seen in Cyclophoridae. The columella may be rounded or truncated at the base, sometimes it has an angular process at the umbilicus the tip of the aperture is sometimes thickened. While many of the genera of the family Pupinidae, Helicinidae and Enidae have smooth and polished shells, the majority of the shells are variously sculptured; the most common sculpture consists of striae, fine or coarse. Radial striae are seen in *Gulella*, *Ariophanta*, *Khasiella*, spiral striae are seen in *Sitala*, *Georissa*, *Cyclophorus*, *Pterocyclus* etc. Some taxa possess decussating sculpture, both radial and spiral together (*Oxytes*, *Bensonies* and *Cryptozona*). Examples of imperforate shells with closed umbilicus are found in the members of Helicinidae, Subulinidae; a widely open umbilicus is seen in Cyclophoridae,

Corillidae etc; a narrowly open perforation (Prforate) is present in the shell of Ariophantidae, Helicarionidae etc. The major problem with taxonomy of molluscs is that of identification and classification. The classification appears to be very superficial based on mainly the shell character. There is need to restructure the families and assign the genera based on the phylogeny (Bogan and Hoeh, 2000). An individual or a single organization cannot fulfill this need, as the task is immense and time consuming. This need calls upon all the malacologists of the world to work in random and finally chart out a more reliable phylogenic system of classification (Madhyasta, 2005).

DIVERSITY, DISTRIBUTION AND ENDEMICITY

The total world fauna of land molluscs is estimated to be 30,000 to 40000 in the minimum (Solem, 1984, Abbott, 1989), though a more comprehensive estimation puts the number of valid described species at around 10,000. The fauna of Indian land molluscs consists of 1129 species under 138 genera and 34 families, with her vast land area (approx 75 million hectares) and widely varied topographic and climatic condition India accommodate less than 5% of the total world fauna. The moist and humid northeast and peninsular parts of the country harbour above 500 species of land operculates. The landmass of India comprises large areas of high mountains, deserts, islands, tropical rain forest and thickly populated plains. Moisture supply varies between 100mm precipitations in the desert wasteland to above 2000mm annual rainfall in the eastern Himalaya. Vegetation type varies from thorny xerophytes of the desert to lush green tropical rain forest of north-east. Considering the points of rainfall, humidity and vegetation, it is not surprising that our country with about 2 % of the total global land area, support > 5% of the total world fauna of land molluscs with around more than 83% endemism.

From the diversity point of view in size, Indian land snail ranges between 1.5 mm *Georissa* of the Andamans to the massive Imperial snail *Hemiplecta basileus* of the Western Ghats, reaching nearly 100mm in diameter, the greenish slug, *Hyalimax* of the Andaman islands, the transparent fragile shelled *Indosuccinea* and also the tiny snails such as Pupillids, Succineids living under the bark of trees. Among the high altitude species in the Himalayas (above 3000 meters) there is the minute Vallonids as well as long fleshy slugs *Anadenus*.

If a region-wise analysis is made, the distribution of the land molluscs is not uniform throughout the country. The diverse ranges of habitats in mountain ranges contribute to the high

Diversity of Indian Land Mollusca

Subclass	Order	Family	Genera	Species
Prosobranchia	Archaeogastropoda	2	3	10
	Mesogastropoda	5	32	363
Gymnomorpha	Soleolifera	2	4	8
Pulmonata	Stylommatophora	25	99	748
Total	4	34	138	1129

molluscan diversity in the Himalaya, Western Ghats and also the Eastern Ghats. The eastern Himalaya with higher rainfall and evergreen forests has far more species than in the western part. The number of species present in the north-east India is 293, approximately 26% of the total Indian fauna with around 80% endemism. The drier north western part has just about 100 species with an approximate 50% endemism level. The fauna in the northwest includes a few Palaearctic elements. Above 300 species are known from the Western Ghats and the peninsular India the endemism level is around 70%. The moist habitat of semi-evergreen forests not only provides congenial situations for the land snails to flourish but the varied topography also encourage speciation. In addition to the 4 endemic genera, *Hemiplecta*, *Lithotis*, *Indrella* and *Thysanota*, other important families with a number of endemic species each in Western Ghats are Cyclophoridae, Ariophantidae, Endodontidae and Subuliniadae. This region shares many of the operculates and Ariophantids with Sri Lanka. The land operculates of India include a number of significant genera such as *Cyclophorus*, *Diplommatina* and *Alycaeus*, which are typical of the oriental region and have a number of endemic species, majority of them, are described in peninsular plains and Western Ghats. The gangetic plains have very few species less than 50, many of which are synanthropic being associated with human activities. Among the fauna here there are few species from the lower elevations of the Rajmahal. The arid zones with thorny bushes are forest patches records much lower number of species. The desert areas (parts of Gujarat, Rajasthan and Punjab) have 16 species which include arid zone specialists such as *Zootecus*, *Boysia*, *Pupoides*, *Ena* and some other Buliminids.

Islands are very important centre of land molluscs diversity and endemism. The Andaman and Nicobar groups have nearly 100 species with a moderately high endemism at 74% (Ramakrishna and Mitra, 2004). The Andaman group accommodates 56 species, 34 of which are endemic and the Nicobar group has 51 species with 40 endemic. The mountainous southern part of the Andaman islands with evergreen forests and more than ample rainfall has a comparatively high concentration of the species 21. The Nicobar group covers a small area (1841 km²) than the Andaman group (7368 km²). But the fauna is almost uniformly shared by the both. Level of endemism is also marginally high in the Nicobar group.

In total 1129 species of land molluscs are recorded from India under 138 genera, 34 families, 4 orders and 3 subclasses. Snails are represented by 1109 species under 130 genera and 29 families; whereas the slugs comprise 20 species under 8 genera and 5 families.

Slugs : Terrestrial slugs from a small, yet highly adaptable and specialized ecological group of molluscs. In general high humid situations with low calcium contents encourage slug populations. Lack of shell is derived character and slugs enjoy a few tactical advantages over the shelled snails. They have better movement ability and can occupy niches denied to the snails. The high elastic shell body can twist, elongate and squeeze through small crevices etc. easily. They are more active than snails. Among the slugs *Mariella* and *Hylimax* belong to the major land snail families Ariophantidae and Succineidae respectively. Other is included under families exclusively to slugs. In addition, there are a number of slug like genera (semi

slugs) which possess thin, shallow shells which are partly external and partly internal. These are *Austenia*, *Girasia*, *Pseudaustenia*, *Parmarion* etc.

Unfortunately Indian terrestrial slugs have not been properly worked out and lack detailed knowledge about their taxonomy, ecology or biology. Our knowledge still is mostly based on Gude (1914).

The present catalogue gives the actual figure of land molluscs found in India and their distribution, synonyms, endemism and region wise analysis help the future workers to carry out the extensive research in land molluscs.

CLASSIFICATION OF LAND MOLLUSCS UPTO GENERA

Class GASTROPODA

Subclass PROSOBRANCHIA

Order ARCHAEOGASTROPODA

Superfamily HYDROCENOIDEA

Family HYDROCENIDAE

1. Genus *Georissa* Blanford, 1864

Superfamily HELICINOIDEA

Family HELICINIDAE

2. Genus *Pleuropoma* Moellendroff, 1893

3. Genus *Sulfurina* Moellendroff, 1893

Order MESOGASTROPODA

Superfamily CYCLOPHOROIDEA

Family CYCLOPHORIDAE

Subfamily CYCLOPHORINAE

4. Genus *Cyclophorus* Montfort, 1810

Subgenus *Cyclophorus* s. str.

Cyclohelix Moersch, 1852

Glossostylus Kobelt and Moellendroff, 1897

Litostylus Kobelt and Moellendroff, 1899

Salpingophorus Kobelt and Moellendroff, 1899

5. Genus *Craspedotropis* Blanford, 1864

6. Genus *Cyathopoma* Blanford, 1861

Subgenus *Cyathopoma* s. str.

Jerdonia Blanford, 1861

Pseudojerdonia Kobelt, 1902

7. Genus *Diptropis* Blanford, 1869
8. Genus *Japonia* Gould, 1859
Subgenus *Lagochilus* Blanford, 1864
9. Genus *Leptopoma* Pfeiffer, 1847
Subgenus *Trocholeptopoma* Kobelt and Moellendroff, 1897
10. Genus *Leptopomoides* G. Nevill, 1878
11. Genus *Micraulax* Theobald, 1876
12. Genus *Mychopoma* Blanford, 1869
13. Genus *Scabrina* Blanford, 1883
14. Genus *Theobaldius* G. Nevill, 1878
Subfamily ALYCAEINAE
15. Genus *Alycaeus* Gray, 1850
Subgenus *Alycaeus* s. str.
16. Genus *Chamalycaeus* Kobelt and Moellendroff, 1897
Subgenus *Chamalycaeus* s. str.
Dicharax Kobelt and Moellendroff, 1897
Raptomphalus Godwin-Austen, 1914
17. Genus *Cyclorix* Godwin-Austen, 1914
18. Genus *Dioryx* Benson, 1859
Subfamily PTEROCYCLINAE
19. Genus *Pterocyclus* Benson, 1832
20. Genus *Pearsonia* Kobelt, 1902
Subgenus *Pearsonia* s. str.
Pseudospiraculum Kobelt, 1902
Family CYCLOPHORIDAE
Subfamily CYCLOPHORINAE
21. Genus *Diplommatina* Benson, 1849
Subgenus *Diplommatina* s. str.
Metadiancta Moellendroff, 1898
Sinica Moellendroff, 1885
22. Genus *Gastroptychia* Kobelt and Moellendroff, 1900
23. Genus *Nicida* W. Blanford, 1868
24. Genus *Opisthostoma* W. and H. Blanford, 1860
25. Genus *Palaina* Semper, 1885

Family PUPINIDAE

Subfamily PUPININAE

26. Genus *Pupina* Vignard, 1829Subgenus *Tylotoechus* Kobelt and Moellendroff, 1897

Subfamily PUPINELLINAE

27. Genus *Nodopomatias* Gude, 192128. Genus *Pseudopomatias* Moellendroff, 188529. Genus *Raphaulus* Pfeiffer, 185630. Genus *Schistoloma* Kobelt, 190231. Genus *Tortulosa* Gray, 1847Subgenus *Tortulosa* s. str.*Eucataulus* Kobelt, 1902

Superfamily LITTORINOIDEA

Family POMATIASIDAE

Subfamily POMATIASINAE

32. Genus *Otopoma* Gray, 1850

Subfamily CYCLOTOPSINAE

33. Genus *Cyclotopsis* Blanford, 1864

Superfamily RISSOIDEA

Family ASSIMINEIDAE

Subfamily ASSIMINEINAE

34. Genus *Acmella* Blanford, 1869

Subfamily OMPHALOTROPIDINAE

35. Genus *Omphalotropis* Pfeiffer, 1851

Subclass GYMNOMORPHA

Order SOLEOLIFERA

Family VERONICELLIDAE

36. Genus *Filicaulis* Simroth, 1913Subgenus *Eleutherocaulis* Simroth, 191337. Genus *Vaginula* Ferrussac, 1821Subgenus *Sarasinula* Grimpe and Hoffman, 192438. Genus *Semperula* Grimpe and Hoffman, 1924

Family VERONICELLIDAE

39. Genus *Atopos* Simroth, 1891

Subgenus *Padangia* Babor, 1900

Prisma Simroth, 1891

Subclass PULMONATA

Order STYLOMMATOPHORA

Suborder ORTHURETHRA

Superfamily PUPILLOIDEA

Family PUPILLIDAE

Subfamily PUPILLINAE

40. Genus *Pupilla* Leach in Fleming, 1828

41. Genus *Pupoides* L. Pfeiffer, 1854

Family VALLONIIDAE

42. Genus *Vallonia* Risso, 1826

Family VERTIGINIDAE

Subfamily TRUNCATELLININAE

43. Genus *Boysia* Pfeiffer, 1849

Subfamily GASTROCOPTINAE

44. Genus *Gastrocopia* Wollaston, 1878

45. Genus *Boysidia* Ancey, 1881

Subfamily NESOPUPINAE

46. Genus *Pupisoma* Stoliczka, 1873

Family ORCULIDAE

47. Genus *Orcula* Held, 1837

Subgenus *Sphyradium* Charpentier, 1837

Family PYRAMIDULIDAE

48. Genus *Pyramidula* Fitzinger, 1833

Superfamily BULIMINOIDEA

Family BULIMINIDAE

Subfamily BULIMININAE

49. Genus *Mirus* Albers, 1850

50. Genus *Serina* Gredler, 1898

Subfamily CHONDRULINAE

51. Genus *Subzebrinus* Westerlund, 1887

Family CRASTUIDAE

52. Genus *Cerastua* Strand, 1928

53. Genus *Edouardia* Gude, 1914
54. Genus *Rachis* Albers, 1850
 Suborder MESURETHRA
 Superfamily CLAUSILIOIDEA
 Family CLAUSILIIDAE
 Subfamily PHAEDUSINAE
55. Genus *Euphaedusa* O. Boettger, 1877
56. Genus *Hemiphaedusa* O. Boettger, 1877
 Subgenus *Cylindrophaedusa* O. Boettger, 1877
57. Genus *Oospira* Blanford, 1872
 Suborder SIGMURETHRA
 Superfamily ACHATINOIDEA
 Family FERUSSACIIDAE
58. Genus *Cecilioides* Ferussac, 1814
 Subgenus *Geostilbia* Crosse, 1867
59. Genus *Coilostele* Benson, 1864
 Family SUBULINIDAE
 Subfamily SUBULININAE
60. Genus *Subulina* Beck, 1837
61. Genus *Bacillum* Theobald, 1870
62. Genus *Curvella* Chaper, 1885
63. Genus *Glessula* von Martens, 1860
64. Genus *Lamellaxis* Strebel and Pfeiffer, 1882
 Subgenus *Allopeas* H. B. Baker, 1935
65. Genus *Prosopeas* Moerch, 1876
 Subfamily RYUMININAE
66. Genus *Zootecus* Westerlund, 1887
 Family ACHATINIDAE
67. Genus *Achatina* Lamarck, 1799
 Subgenus *Lissachatina* Bequaert, 1850
 Superfamily STREPTAXOIDEA
 Family STREPTAXIDAE
 Subfamily STREPTAXINAE
68. Genus *Streptaxis* Gray, 1837

69. Genus *Haploptychius* Moellendorff, 1905
Subfamily ENNEINAE
70. Genus *Ennea* H. and A. Adams, 1855
71. Genus *Gulella* L. Pfeiffer, 1856
Subgenus *Huttonella* L. Pfeiffer, 1856
72. Genus *Sinoennea* Kobelt, 1904
Superfamily PLECTOPYLIDOIDEA
Family PLECTOPYLIDAE (CORILLIDAE)
73. Genus *Plectopylis* Benson, 1899
Subgenus *Allopeas* H. B. Baker, 1935
74. Genus *Corilla* H. and A. Adams, 1855
Superfamily PUNCTOIDEA
Family ENDODONTIDAE
75. Genus *Philalanka* Godwin-Austen, 1898
Family CHAROPIDAE
Subfamily CHAROPINAE
76. Genus *Ruthvenia* Gude, 1911
77. Genus *Thysanota* Albers, 1880
Suborder ELASMOGNATHRA
Superfamily SUCCINEOIDEA
Family SUCCINEIDAE
Subfamily SUCCINEINAE
78. Genus *Succinea* Draparnard, 1801
79. Genus *Camptonyx* Benson, 1858
Subgenus *Camptonyx* s. str.
80. Genus *Hylimax* H. and A. Adams, 1855
Subfamily CATINELLINAE
81. Genus *Indosuccinea* Rao, 1924
82. Genus *Quickia* Odhner, 1950
Superfamily HELIXARIONOIDEA
Family EUCONULIDAE
83. Genus *Eurychlamys* Godwin-Austen, 1899

Family HELIXARIONIDAE

Subfamily HELIXARIONINAE

84. Genus *Pseudaustenia* Cockerell, 1891

Subfamily SESARINAE

85. Genus *Sesara* Albers, 188086. Genus *Kaliella* Blanford, 188387. Genus *Pseudokaliella* Godwin-Austen, 191088. Genus *Rahula* Gowdin-Austen, 190789. Genus *Rasama* Laidlaw, 193290. Genus *Sivella* Blanford, 188391. Genus *Tadunia* Gowdin-Austen, 1918

Family ARIOPHANTIDAE

Subfamily ARIOPHANTINAE

92. Genus *Arioophanta* Desmoulins, 182993. Genus *Cryptozona* Moersch, 187294. Genus *Euplecta* Semper, 187095. Genus *Hemiplecta* Albers, 185096. Genus *Indrella* Gowdin-Austen, 190197. Genus *Rhyssotopsis* Ancey, 1887

Subfamily DYAKIINAE

98. Genus *Staffordia* Gowdin-Austen, 1907

Subfamily PARMARIONINAE

99. Genus *Parmarion* P. Fischer, 1855

Subfamily GIRASIINAE

100. Genus *Girasia* Gray, 1855101. Genus *Austenia* Nevill, 1878102. Genus *Cryptaustenia* Cockerell, 1898103. Genus *Cryptogirasia* Gowdin-Austen, 1908104. Genus *Dihangia* Gowdin-Austen, 1916105. Genus *Mariaella* Gray, 1855

Subfamily MACROCHLAMYDINAE

106. Genus *Macrochlamys* Benson, 1832Subgenus *Euaustenia* Cockerell, 1898*Parvatella* Blanford and Godwin-Austen, 1908107. Genus *Bapuia* Gowdin-Austen, 1918

- 108. Genus *Bensonies* H. B. Baker, 1938
- 109. Genus *Dalingia* Gowdin-Austen, 1907
- 110. Genus *Khasiella* Gowdin-Austen, 1899
- 111. Genus *Microcystina* Moersch, 1872
- 112. Genus *Oxytesta* Zilch, 1956
- 113. Genus *Rotungia* Gowdin-Austen, 1918
- 114. Genus *Syama* Gowdin-Austen, 1908
- 115. Genus *Taphrospira* Blanford, 1905

Subfamily DURGELLINAE

- 116. Genus *Durgella* Blanford, 1883
- 117. Genus *Ibycus* Blanford, 1883
- 118. Genus *Minyongia* Gowdin-Austen, 1916
- 119. Genus *Satiella* Gowdin-Austen, 1908
- 120. Genus *Sitala* H. Adams, 1885

Family TROCHOMORPHIDAE

- 121. Genus *Videna* H. and A. Adams, 1855

Superfamily LIMACOIDEA

Family LIMACIDAE

- 122. Genus *Limax* Linnaeus, 1758
 Subgenus *Kasperia* Gowdin-Austen, 1914
- 123. Genus *Deroceras* Rafinesque, 1820

Superfamily CAMAENOIDEA

Family CAMAENIDAE

Subfamily CAMAENINAE

- 124. Genus *Camaena* Albers, 1850
- 125. Genus *Amphidromus* Albers, 1850
- 126. Genus *Apatetes* Gude, 1914
- 127. Genus *Beddomea* Nevill, 1878
- 128. Genus *Chloritis* Beck, 1837
- 129. Genus *Ganesella* Blanford, 1863
- 130. Genus *Landouria* Gowdin-Austen, 1918
- 131. Genus *Mikiria* Gowdin-Austen, 1918
- 132. Genus *Oreobba* Pilsbry, 1894
- 133. Genus *Trachia* Albers, 1860

Superfamily HELICOIDEA

Family BRADYBAENIDAE

Subfamily BRADYBAENINAE

134. Genus *Bradybaena* Beck, 1837135. Genus *Aegista* Albers, 1850Subgenus *Aegista* s. str*Plectotropis* von Martens, 1860136. Genus *Cathaica* Moellendorff, 1884

Superfamily ARIONOIDEA

Family ARIONIDAE

Subfamily ANADENINAE

137. Genus *Anadenus* Heynemann, 1863

Family PHILOMYCIDAE

138. Genus *Philomycus* Rafinesque, 1820Subgenus *Meghimatium* Hasselt: 1824

Class GASTROPODA

Subclass PROSOBRANCHIA

Order ARCHAEOGASTROPODA

Superfamily HYDROCENOIDEA

Family HYDROCENIDAE

Genus *Georissa* Blanford, 18641. *Georissa pyxis* (Benson)1856. *Hydrocena pyxis* Benson, *Ann. Mag. nat. Hist.*, 2(17) : 232.1991. *Georissa pyxis* : Sabba Rao and Mitra, *Rec. zool. Surv. India., Occ. Paper No.*, 126 : 9. pl. 1. fig. 1.2004. *Georissa pyxis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India : 42, figs. 1, 2.*Distribution* : India, Andaman Islands.*Elsewhere* : Myanmar.

Superfamily HELICINOIDEA

Family HELICINIDAE

Genus *Pleuropoma* Moellendorff, 18932. *Pleuropoma andamanica* (Benson)1860. *Helicina andamanica* Benson, *Ann. Mag. nat. Hist.*, (3)6 : 194.

1991. *Pleuropoma andamanica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 10, pl. 11, figs. 3, 4.
2002. *Pleuropoma andamanica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 1, figs. 1, 3.
2004. *Pleuropoma andamanica* : Mitra, Dey and Ramkrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India* : p. 43, fig. 3.

Distribution : India : Andaman and Nicobar Islands.

3. *Pleuropoma arakanensis* (Blanford)

1865. *Helicina arakanensis* Blanford. *J. Asiat. Soc. Beng.*, **35** : 85.
1995. *Pleuropoma arakanensis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4** (part 8) : 34, pl. 1, figs. 5 & 6. *Zool. Surv. India*.
2004. *Pleuropoma arakanensis* : Mitra, Dey and Ramakrishna. *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 44, figs. c1, c2, 4, 5.

Distribution India Meghalaya (Garo Hill), West Bengal (Darjeeling).

Elsewhere : Myanmar.

4. *Pleuropoma dunkeri* (Zeilebor)

1867. *Helicina dunkeri* Zeilebor, *Verh. K. K. zool. bot. Ges.*, **17** : 808.
1921. *Helicina (Aphanoconia) dunkeri* : Gude, *Fauna Brit. India*, Mollusca, **3** : 368.
1991. *Pleuropoma dunkeri* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 11, pl. II, figs. 5, 6.
2002. *Pleuropoma dunkeri* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 1, fig. 6.

Distribution : India : Nicobar Islands.

5. *Pleuropoma nicobarica* (Pfeiffer)

1847. *Helicina nicobarica* (Philippi) Pfeiffer, *Zeits. Malak.*, **4** : 149.
1921. *Helicina (Aphanoconia) nicobarica* : Gude, *Fauna Brit. India*, Mollusca, **3** : 369.
1991. *Pleuropoma nicobarica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : pl. II, figs. 1, 2.
2002. *Pleuropoma nicobarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 1, figs., 2, 4.

Distribution : India : Andaman and Nicobar Islands.

6. *Pleropoma rogersi* (Bourne)

1911. *Aphanoconia rogersii* Bourne, *Proc. zool. Soc., Lond.*, **1911** : 801, pl. 42, fig. 65 (radula), figs. 66-68 (shell), fig. 69 (operculum).

1921. *Helicina rogersi* : Gude, *Fauna Brit. India*, Mollusca, **3** : 369.
 2002. *Pleuropoma rogersi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4.
Distribution : India : Andaman Islands.

7. *Pleuropoma scrupula* (Benson)

1863. *Helicina scrupulum* Benson, 1863. *Ann. Mag. nat. Hist.* (3)**12** : 463.
 1921. *Helicina (Aphanoconia) scrupulum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 370.
 1991. *Pleuropoma scrupula* : Subba Rao and Mitra. *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 12. pl. II, figs. 7, 8.
 2002. *Pleuropoma scrupula* : Ramakrishna and Mitra. *Rec. zool. Surv. India. Occ. Paper No.*, **196** : 4, pl. 1, fig. 5.

Distribution India : Andaman and Nicobar Islands.

Genus *Sulfurina* Moellendorff, 1893

8. *Sulfurina behniana* (Pfeiffer)

1859. *Helicina behniana* Pfeiffer, *Proc. zool. Soc., Lond.*, **1859** : 29.
 1921. *Helicina (Fulfurina) behniana* : Gude, *Fauna Brit. India*, Mollusca, **3** : 364.
 1991. *Sulfurina behniana* : Subba Rao, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 13, pl. 1. fig. 2.
 2002. *Sulfurina behniaina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 2. figs. 2, 4.
 2004. *Sulphurina behniana* : Mitra, Dey and Ramakrishna. *Pictorial Handbook-Indian Land Snails*, Zool. Surv. India : p. 46, fig. 6.

Distribution : India : Andaman and Nicobar Islands.

9. *Sulfurina bensoni* Wagner

1907. *Sulfurina bensoni* Wagner. *Conch. Cab.*, Helicinidae. p. 26. pl. 4, figs. 1-3.
 1921. *Helicina bensoni* : Gude, *Fauna Brit. India*, Mollusca. **3** : 365.
 2002. *Sulfurina bensoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4

Distribution India : Nicobar Islands.

10. *Sulfurina zelevori* (Pfeiffer)

1867. *Helicina zelevori* Pfeifler, *Verh. K. K. zool. bot., Ges*, **17** : 807.
 1921. *Helicina (Sulfurina) zelevori* : Gude, *Fauna Brit. India*, Mollusca, **3** : 365.
 1991. *Sulfurine zelevori* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, **126** : 13, pl. I, fig. 3.

2002. *Sulfurina zelevori* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 2, fig. 7, 3.
2004. *Sulfurina zelevori* : Mitra, Dey and Ramakrishna. *Pictorial Handbook Indian Land Snails*, Zool. Surv. India : p. 46, fig. 7.

Distribution : India : Nicobar Islands.

Order MESOGASTROPODA

Superfamily CYCLOPHOROIDEA

Family CYCLOPHORIDAE

Subfamily CYCLOPHORINAE

Genus *Cyclophorus* Montfort, 1810

Subgenus *Cyclophorus* s. str.

11. *Cyclophorus (Cyclophorus) affinis* Theobald

1857. *Cyclophorus affinis* Theobald, *J. Asiat. Soc. Beng.*, **26** : 246.
1921. *Cyclophorus (Cyclophorus) affinis* : Gude, *Fauna Brit. India. Mollusca*, **3** : 88, text-fig. 15.
1995. *Cyclophorus (Cyclophorus) affinis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 43, pl. 3, figs. 1, 2. Zool. Surv. India.
2003. *Cyclophorus (Cyclophorus) affinis* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9** (part 5) : 134. Zool. Surv. India.

Distribution : India : Meghalaya, Sikkim.

Elsewhere : Myanmar.

Subgenus *Cyclohelix* Moerch

12. *Cyclophorus (Cyclohelix) crocatus* (Born)

1778. *Turbo crocatus* Born, *Index, Mus. Vindob.* p. 343.
1897. *Cyclophorus (Cyclohelix) crocatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 24, pl. 68, figs 5-8 (anatomy).
1921. *Cyclophorus (Cyclohelix) crocatus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 91.
1991. *Cyclophorus (Cyclohelix) crocatus* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 18, pl. 1 fig. 6.
2002. *Cyclophorus crocatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No*, **196** : 4, pl. 3, figs. 1, 3.
2004. *Cyclophorus (Cyclohelix) crocatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook-Indian Land Snails*, Zool. Surv. India, p. 54, figs. C9, C10, 8.

Distribution : India : Nicobar islands.

13. *Cyclophorus (Cyclohelix) denselineatus* Pfeiffer

1852. *Cyclostoma denselineatum* Proc. zool. Soc., Lond., 1852 : 62.
 1864. *Cyclophorus denselineatus* : Reeve, *Conch. Icon.*, 13, *Cyclophorus*, pl. 8, fig. 34.
 1921. *Cyclophorus (Cyclohelix) dengelineatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 92.

Distribution : India : Nicobar Islands.

14. *Cyclophorus (Cyclohelix) foliaceus* (Pfeiffer)

1847. *Cyclostoma foliaceum* Pfeiffer, *Conch. Cab., Cyclostomaceen* p. 36, pl. 4, figs. 10, 11.
 1860. *Cyclophorus foliaceus* : Benson, *Ann. Mag. nat. Hist.*, (3) 5 : 97.
 1876. *Cyclophorus foliaceus* : Moersch, *J. Conch.*, 24 : 360.
 1921. *Cyclophorus (Cyclohelix) foliaceus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 92.
 1991. *Cyclophorus (Cyclohelix) foliaceus* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 16, pl. 1, fig. 4.
 2002. *Cyclophorus foliaceus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4.

Distribution India : Nicobar Islands.

15. *Cyclophorus (Cyclohelix) leai* (Tryon)

1861. *Cyclophorus foliaceus* (non *Turbo foliaceus* Chemnitz) Benson, *Ann. Mag. nat. Hist.*, (3)7 : 29.
 1869. *Cyclophorus leai* Tryon, *Amer. Journ. Conch.*, 5 : 111, pl. 10, fig. 6.
 1921. *Cyclophorus (Cyclohelix) leai* : Gude, *Fauna Brit. India*, Mollusca, 3 : 93.
 1991. *Cyclophorus (Cyclohelix) leai* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 17, pl. 1, fig. 5.
 2002. *Cyclophorus leai* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4.

Distribution India Andaman Islands.

The two species, *C. foliaceus* and *C. leai* show the common character of presence of varicose lamellae behind the aperture. Confusion regarding their identity were discussed by Subba Rao and Mitra (1991).

16. *Cyclophorus (Cyclohelix) nicobaricus* Pfeiffer

1865. *Cyclophorus nicobaricus* (Behn) Pfeiffer, *Mon. Pneum. Suppl.*, 2 : 68.
 1872. *Cyclophorus (Cyclohelix) nicobaricus* : Moersch, *J. Couchyl.*, 20 : 317.
 1876. *Cyclophorus (Cyclohelix) nicobaricus* : Moersch, *J. Conchyl.*, 24 : 361.
 1895. *Cyclophorus (Cyclohelix) nicobaricus* : Godwin-Austen, *Proc. zool. Soc.*, Lond., 1895 : 451.

1921. *Cyclophorus (Cyclohelix) nicobaricus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 94, text-fig. 16.
1991. *Cyclophorus (Cyclohelix) nicobaricus* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 19, pl. 1. fig. 7.
2002. *Cyclophorus nicobaricus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4.

Distribution : India : Great Nicobar islands.

Gude (1921) examined three shells labelled as *C. helicoides*, collected from Little Andaman and received from Copenhagen Museum. He reidentified the shells as *C. nicobaricus* and proposed a new variety. *C. nicobaricus* var. *major*, but probably didn't publish it.

Subgenus *Glossostylus* Kobelt and Moellendorff, 1897

17. *Cyclophorus (Glossostylus) altivagus* Benson

1854. *Cyclophorus altivagus* Benson, *Ann. Mag. nat. Hist.*, 2(14) : 411.
1870. *Cyclophorus altivagus* : Hanley and Theobald, *Conch. Indica*, pl. 34. figs. 2, 3; 6(var.)
1921. *Cyclophorus (Glossostylus) altivagus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 56.
2002. *Cyclophorus altivagus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Maharashtra.

18. *Cyclophorus (Glossostylus) aurora* (Benson)

1851. *Cyclostoma aurora* Benson, *Ann. Mag. nat. Hist.*, (2)8 : 186.
1886. *Cyclophorus aurora* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 205, pl. 51, fig. 1, 2, 2d.
1921. *Cyclophorus (Glossostylus) aurora* : Gude, *Fauna Brit. India*, Mollusca, 3 : 57.
1992. *Cyclophorus (Glossostylus) aurora* : Thakur, Mitra and Maitra. *Fauna of West Bengal, State Fauna Series 3(part 9)* : 78. Zool. Surv. India.
2007. *Cyclophorus (Glossostylus) aurora* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series, 14* : 111. Zool. Surv. India.

Distribution : India : Arunachal Pradesh, Assam, Mizoram, Sikkim, West Bengal (Darjeeling).

Elsewhere : Bhutan.

19. *Cyclophorus (Glossostylus) bapuensis* Godwin-Austen

1915. *Cyclophorus (Glossostylus) bapuensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 494, pl. 38, fig. 2.
1921. *Cyclophorus (Glossostylus) bapuensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 57.
2002. *Cyclophorus bapuensis* : Ramakrishna and Mitra. *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.

Distribution : India : Arunachal Pradesh.

20. *Cyclophorus (Glossostylus) bensoni* Pfeiffer

1852. *Cyclostoma (Cyclophorus) bensoni* Pfeiffer, *Proc. zool. Soc., Lond.*, **1852** : 158.
 1921. *Cyclophorus (Glossostylus) bensoni* : Gude, *Fauna Brit. India*, Mollusca, **3** : 57.
 1995. *Cyclophorus (Glossostylus) bensoni* : Subba Rao., Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 43, pl. 3, figs. 3, 4. *Zool. Surv. India*.

Distribution : India : Assam, Meghalaya, Nagaland.

Elsewhere : Myanmar.

Nevill (1878) reported a variety of this species *cryptomphaloides* from Nagaland.

21. *Cyclophorus (Glossostylus) charpentieri* Mousson

Subspecies *nicobaricus* Moersch

1872. *Cyclophorus charpentieri* var. *nicobaricus* Moersch. *J. Conch.*, Paris, **20** : 316.
 1921. *Cyclophorus (Glossostylus) charpentieri* var. *nicobaricus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 58.
 1991. *Cyclophorus (Glossostylus) charpentieri* subspecies *nicobaricus* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 19, pl. 1, fig. 8.

Distribution : India, Nicobar Island.

Typical form is from Java.

22. *Cyclophorus (Glossostylus) cybeus* (Benson))

1867. *Leptopoma cybeus* Benson, *Ann. Mag. nat. Hist.*, (2)**19** : 205.
 1870. *Cyclophorus cybeus* : Hanley and Theobald, *Conch. Indica*, pl. 6, fig. 1.
 1921. *Cyclophorus (Glossostylus) cybeus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 60.
 2002. *Cyclophorus cybeus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution Assam.

23. *Cyclophorus (Glossostylus) exul* Benson

1854. *Cyclophorus exul* Benson, *Ann. Mag. nat. Hist.*, (2)**14** : 412.
 1870. *Cyclophorus exul* : Hanley and Theobald, *Conch. Indica*. pl. 6, fig. 1.
 1921. *Cyclophorus (Glossostylus) exul* : Gude. *Fauna Brit. India*, Mollusca, **3** : 60.
 2002. *Cyclophorus exul* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 30.

Distribution : India : Sikkim, West Bengal. (Darjeeling)

Benson (1854) has excellently discussed its affinities and differences vis-a-vis with other allied species.

24. *Cyclophorus (Glossostylus) fuscicolor* Godwin-Austen

1876. *Cyclophorus fuscicolor* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 173, pl. 8A. fig. 1.
 1921. *Cyclophorus (Glossostylus) fuscicolor* : Gude, *Fauna Brit. India*, Mollusca, **3** : 62.
 2002. *Cyclophorus fuscicolor* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.

Distribution : India : Arunachal Pradesh.

25. *Cyclophorus (Glossostylus) himalayanus* (Pfeiffer)

1851. *Cyclostoma himalayanum* Pfeiffer, *Proc. zool. Soc.*, Lond., **1851** : 242.
 1921. *Cyclophorus (Glossostylus) himalayanus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 63.
 1992. *Cyclophorus (Glossostylus) himalayanus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 79. *Zool. Surv. India*.
 1995. *Cyclophorus (Glossostylus) himalayanus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 44, pl. 3. figs. 5, 6. *Zool. Surv. India*.
 2004. *Cyclophorus (Glossostylus) himalayanus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 56, pls. C 21, C 22.

Distribution : India : Assam, Meghalaya, West Bengal (Darjeeling).

Elsewhere : Bhutan.

26. *Cyclophorus (Glossostylus) indicus* (Deshayes)

1832. *Cyclostoma indicum* Deshayes, *Belanger voy. Ind : Orient Zool.* p. 415, pl. 1, figs. 4, 5.
 1870. *Cyclophorus indicus* : Hanley and Theobald, *Conch. Indica*, p. 23, pl. 48, fig. 3.
 1921. *Cyclophorus (Glossostylus) indicus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 63.
 1979. *Cyclophorus indicus* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 9.
 2002. *Cyclophorus indicus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Maharashtra (W. Ghats also Mumbai and Pune).

27. *Cyclophorus (Glossostylus) koboensis* Godwin-Austen

1915. *Cyclophorus (Glossostylus) koboensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 495, pl. 38. fig. 4.
 1921. *Cyclophorus (Glossostylus) koboensis* Godwin-Austen, *Fauna Brit. India*, Mollusca, **3** : 64.
 2002. *Cyclophorus koboensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh.

Not recorded after Godwin-Austen (1915).

28. *Cyclophorus (Glossostylus) pearsoni* (Benson)

1851. *Cyclostoma pearsoni* Benson, *Ann. Mag. nat. Hist.*, (2)8 : 185.
 1921. *Cyclophorus (Glossostylus) pearsoni* : Gude, *Fauna Brit. India*, Mollusca, 3 : 64.
 1995. *Cyclophorus (Glossostylus) pearsoni* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 44, pl. 4, figs. 1, 2. *Zool. Surv. India*.
 2004. *Cyclophorus (Glossostylus) pearsoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 36, pl. c 23, c 24.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya.

Elsewhere : Bangladesh, Myanmar.

Nevill (1878) recorded a variety, *fuscicolor* from Arunachal Pradesh and Meghalaya under this species.

29. *Cyclophorus (Glossostylus) sidiensis* Godwin-Austen

1915. *Cyclophorus (Glossostylus) sidiensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 495, pl. 38, fig. 3.
 1921. *Cyclophorus (Glossostylus) sidiensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 67.
 2002. *Cyclophorus sidiensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.
 2005. *Cyclophorus (Glossostylus) sidiensis* : Ramakrishna Mitra and Mukherjee. *Rec. zool. Surv. India*, 104 (3-4) : 6, pl. 1, fig. 8.

Distribution India : Arunachal Pradesh.

30. *Cyclophorus (Glossostylus) stenomphalus* (Pfeiffer)

1846. *Cyclostoma stenomphalus* Pfeiffer, *Zeits. Malak*, 3 : 44.
 1854. *Cyclophorus stenomphalus* : Benson, *Ann. Mag. nat. Hist.*, (2)14 : 414.
 1870. *Cyclophorus stenomphalus* : Hanley and Theobald, *Conch. Indica*, pl. 34, fig. 1.
 1921. *Cyclophorus (Glossostylus) stenomphalus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 67.

Distribution : India : Maharashtra, Meghalaya.

Elsewhere : Bhutan.

31. *Cyclophorus (Glossostylus) tryblium* Benson

1854. *Cyclophorus tryblium* Benson, *Ann. Mag. nat. Hist.*, (2)14 : 413.
 1870. *Cyclophorus tryblium* : Hanley and Theobald, *Conch. Indica*, pl. 48, fig. 1.
 1921. *Cyclophorus (Glossostylus) tryblium* : Gude, *Fauna Brit. India*, Mollusca, 3 : 68.
 2002. *Cyclophorus tryblium* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.

Distribution : India Sikkim, West Bengal (Darjeeling).

Though very close to *C. himalayanus*, also from Eastern Himalaya, Benson (1854) has mentioned the exact points of differences between the two.

Subgenus *Litostylus* Mollendorff and Kobelt, 1899

32. *Cyclophorus (Litostylus) involvulus* (Mueller)

1774. *Helix involvulus* Mueller, *Hist. Verm.* part 2 : 84.

1836. *Cyclostoma involvulus* : Benson, *J. Asiat. Soc. Beng.*, 5 : 355.

1870. *Cyclophorus involvulus* : Hanley and Theobald, *Conch. Indica*. pl. 2, fig. 1.

1921. *Cyclophorus (Litostylus) involvulus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 47.

Distribution : India : Bihar.

Elsewhere : Bangladesh, Sri Lanka.

33. *Cyclophorus (Litostylus) jerdoni* (Benson)

1851. *Cyclostoma jerdoni* *Ann. Mag. nat. Hist.*, (2)8 : 185.

1870. *Cyclophorus jerdoni* : Hanley and Theobald, *Conch. Indica*, pl. 33, figs. 5, 6.

1921. *Cyclophorus (Litostylus) jerdoni* : Gude, *Fauna Brit. India*, Mollusca, 3 : 48.

2002. *Cyclophorus jerdoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Anamulayas, Nilgiris, Karnataka.

34. *Cyclophorus (Litostylus) muspratti* Godwin-Austen and Beddome

1894. *Cyclophorus muspratti* Godwin-Austen and Beddome, *Ann. Mag. nat. Hist.*, (6)13 : 506.

1921. *Cyclophorus (Litostylus) muspratti* : Gude, *Fauna Brit. India*, Mollusca, 3 : 49.

2002. *Cyclophorus muspratti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 20.

Distribution : India : Nagaland.

35. *Cyclophorus (Litostylus) nagaensis* Godwin-Austen and Beddome

1894. *Cyclophorus nagaensis* Godwin-Austen and Beddome. *Ann. Mag. nat. Hist.*, (6)13 : 507.

1921. *Cyclophorus (Litostylus) nagaensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 50, fig. 1.

2002. *Cyclophorus nagaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 20.

Distribution : India : Nagaland.

36. *Cyclophorus (Litostylus) nilagiricus* (Benson)

1852. *Cyclostoma nilagiricum* Benson, *Ann. Mag. nat. Hist.*, (2)10 : 268.

1854. *Cyclophorus nilagiricus* : Benson, *Ann. Mag. nat. Hist.*, (2)14 : 415.
1921. *Cyclophorus (Litostylus) nilagiricus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 51.
2002. *Cyclophorus nilagiricus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 20.
2004. *Cyclophorus (Litostylus) nilagiricus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 52, figs. c11, c12.

Distribution : India : Nilgiris, Kerala, Karnataka.

37. *Cyclophorus (Litostylus) poeciloneurus* Godwin-Austen and Beddome

1894. *Cyclophorus poeciloneurus* Godwin-Austen and Beddome, *Ann. Mag. nat. Hist.*, (6) 13 : 507.
1921. *Cyclophorus (Litostylus) poeciloneurus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 52, fig. 12.
2002. *Cyclophorus poeciloneurus* : Ramakrishna and Mitra, *Rec. zool. Surv. India. Occ. Paper No.*, 196 : 20.

Distribution : India : Nagaland.

Nevill (1878) created a variety, *aureolabris*, having larger shells with bright orange lips which was recognised by Godwin-Austen (1894).

38. *Cyclophorus (Litostylus) polynema* Pfeiffer

1854. *Cyclostoma (Cyclophorus?) polynema* Pfeiffer, *Proc. zool. Soc.*, Lond., 1854 : 126.
1921. *Cyclophorus (C) polynema* : Gude, *Fauna Brit. India*, Mollusca, 3 : 53.
1989. *Cyclophorus (Litostylus) polynema* : Subha Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, 1 : 256, fig. 1. Zool. Surv. India.
1992. *Cyclophorus (Litostylus) polynema* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(Part 9) : 37. Zool. Surv. India.
2002. *Cyclophorus polynema* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 42.
2004. *Cyclophorus (Litostylus) polynema* : Mitra, Dey and Ramakrishna. *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 52. figs. c 13, c 14.
2005. *Cyclophorus polynema* : Mitra, Dey and Ramakrishna. *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 221. Zool. Surv. India.

Distribution : India : Andhra Pradesh, Orissa, West Bengal.

39. *Cyclophorus (Litostylus) pyrotrema* Benson

1854. *Cyclophorus pyrotrema* Benson, *Ann. Mag. nat. Hist.*, (2)14 : 412.
1870. *Cyclophorus pyrotrema* : Hanley and Theobald, *Conch. Indica*. pl. 2. fig. 10 + var. fig. 9.
1921. *Cyclophorus (Litostylus) pyrotrema* : Gude, *Fauna Brit. India*, Mollusca, 3 : 54.
1992. *Cyclophorus (Litostylus) pyrotrema* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 79. Zool. Surv. India.

Distribution : India : Bihar, West Bengal.

Elsewhere : Bangladesh, Myanmar.

40. *Cyclophorus (Litostylus) spironema* Pfeiffer

1854. *Cyclostoma (Cyclophorus) spironema* Pfeiffer, *Proc. zool. Soc.*, Lond., 1854 : 127.

1921. *Cyclophorus (Litostylus) spironema* : Gude, *Fauna Brit. India*, Mollusca, 3 : 55, fig. 13.

Distribution : India.

Elsewhere : Myanmar.

Gude (1921) does not mention any specific locality in India. He refers to two specimens in Beddome collection from 'Burma' with some apertural modifications. Though Gude does not clearly suggest whether those two shells also belong to the same species, based on that Myanmar is included in distribution.

Subgenus *Salpingophorus* Kobelt and Moellendorff

41. *Cyclophorus (Salpingophorus) aborensis* Godwin-Austen

1915. *Cyclophorus aborensis* Godwin-Austen, *Rec. Indian Mus*, 8 : 494, pl. 38, fig.1.

1921. *Cyclophorus (Salpingophorus) aborensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 69.

2002. *Cyclophorus aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.

2004. *Cyclophorus (Salpingophorus) aborensis* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 50, figs, c5, c6. Not reported after Godwin-Austen (1915).

Distribution : India : Arunachal Pradesh (Abor Hill, 2000 ft.).

42. *Cyclophorus (Salpingophorus) aurantiacus* (Schumacher)

1817. *Annularia aurantiaca* Schumacher, *Essai Nouv. Syst. Vers Test.* p. 196.

1865. *Cyclophorus aurantiacus* : Blanford, *J. Asiat. Soc. Beng.*, 34 : 96.

1870. *Cyclophorus aurantiacus* : Haney and Theobald, *Conch. Indica*, pl. 33, fig. 4.

1921. *Cyclophorus (Salpingophorus) aurantiacus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 71.

Distribution : India : Tamil Nadu.

Elsewhere : Malay Peninsula, Myanmar, Mauritius. Widely distributed in Myanmar.

In India reported from Tranquebar in Kerala. One variety, *pernobilis* (Gould) was recorded from Tripura by Mookherjee *et al.* (2000).

43. *Cyclophorus (Salpingophorus) austenianus* Preston

1914. *Cyclophorus austenianus* Preston. *Proc. malac. Soc.*, Lond., 11 : 20, text-fig.

1921. *Cyclophorus (Salpingophorus) austenianus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 73.

2002. *Cyclophorus austenianus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India : Nagaland.

44. *Cyclophorus (Salpingophorus) beddomeanus* Preston

1914. *Cyclophorus beddomeanus* Preston, *Proc. malac. Soc.*, Lond., **11** : 21, Text-fig.

1921. *Cyclophorus (Salpingophorus) beddomeanus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 74.

2002. *Cyclophorus beddomeanus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India Nagaland.

45. *Cyclophorus (Salpingophorus) expansus* Pfeiffer

1851. *Cyclostoma expansus* Pfeiffer, *Proc. zool. Soc.*, Lond., **1851** : 242.

1851. *Cyclophorus expansus* : Pfeiffer, *Zeits. Malak.*, **8** : 139.

1870. *Cyclophorus expansus* : Hanly and Theobald, *Conch. Indica*. pl. 2, figs. 3, 4.

1876. *Cyclophorus expansus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **45(2)** : 173.

1921. *Cyclophorus (Salpingophorus) expansus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 77.

Distribution : India : Arunachal Pradesh.

Elsewhere : Myanmar.

46. *Cyclophorus (Salpingophorus) fultoni* Godwin-Austen and Beddome

1894. *Cyclophorus fultoni* Godwin-Austen and Beddome, *Ann. Mag. nat. Hist.*, (6)**13** : 508.

1921. *Cyclophorus (Salpingophorus) fultoni* : Gude, *Fauna Brit. India*, Mollusca, **3** : 78.

2002. *Cyclophorus fultoni* : Ramakrishna and Mitra, *Rec. zool. Surv., India, Occ. Paper No.*, **196** : 21.

Distribution : India Meghalaya.

47. *Cyclophorus (Salpingophorus) khasiensis* Nevill

1850. *Cyclostoma siamensis* Sowerby. *Thes. Conch.*, **1** : 158, pl. 31, figs. 392, 393.

1878. *Cyclophorus khasiensis* Nevill, *Hand List Mollusca, Indian Mus.*, **1** : 273 (nom. nov.).

1921. *Cyclophorus (Salpingophorus) khasiensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 80.

1995. *Cyclophorus (Salpingophorus) khasiensis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : p. 45, pl. 4, figs. 3, 4. *Zool. Surv. India*.

2002. *Cyclophorus khasiensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21, pl. 12, fig 1, 2.

Distribution : India : Meghalaya (Khasi Hills).

According to Nevill (1878) since the species was not from Siam, *siamensis* was a 'misnomer' and he thought it necessary to propose a new name.

48. *Cyclophorus (Salpingophorus) pealianus* Nevill

1877. *Cyclophorus sublaevigatus* var. *pealianus* Nevill, *J. Asiat. Soc. Beng.*, **46** : 27.
 1881. *Cyclophorus pealianus* Nevill, *J. Asiat. Soc. Beng.*, **1** : 146, pl. 6, fig. 3.
 1921. *Cyclophorus (Salpingophorus) pealianus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 81.
 2002. *Cyclophorus pealianus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.
 2004. *Cyclophorus (Salpingophorus) pealianus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 49, figs. C3, C4.

Distribution : India : Nagaland.

49. *Cyclophorus (Salpingophorus) perdix* Broderip and Sowerby subspecies *Roepstorfiana* Godwin-Austen

1895. *Cyclophorus perdix* var. *roepstorfiana* Godwin-Austen, *Proc. zool. Soc., Lond.*, **1895** : 452.
 1921. *Cyclophorus (Salpingophorus) perdix* var. *roepstorfiana* Gude, *Fauna Brit. India*, Mollusca, **3** : 83.

Distribution : India : Nicobar islands.

The typical form is distributed in Malay Archipelago and Myanmar.

50. *Cyclophorus (Salpingophorus) speciosus* (Philippi)

1847. *Cyclostoma speciosus* Philippi, *Zeits. Malak.*, **4** : 123.
 1865. *Cyclophorus speciosus* : Blanford, *J. Asiat. Soc. Bang.*, **34** : 95.
 1875. *Cyclophorus speciosus* : Hanley and Theobald, *Conch. Indica*, pl. 104, fig. 4.
 1921. *Cyclophorus (Salpingophorus) speciosus* : Gude, *Fauna Brit. India*, Mollusca., **3** : 84.

Distribution : India : Assam.

Elsewhere : Kampuchea, Myanmar.

51. *Cyclophorus (Salpingophorus) theobaldianus* Benson

1857. *Cyclophorus theobaldianus* Benson, *Ann. Mag. nat. Hist.*, (2)**19** : 206.
 1862. *Cyclophorus theobaldianus* : Blanford, *J. Asiat. Soc. Beng.*, **31** : 144.
 1870. *Cyclophorus theobaldianus* : Hanley and Theobald, *Conch. Indica*, pl. 1, fig. 2.
 1921. *Cyclophorus (Salpingophorus) theobaldianus* : Gude, *Fauna Brit. Indica*, Mollusca, **3** : 86.

2007. *Cyclophorus (Salpingophorus) theobaldianus* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, States Fauna Series*, 14 : 112. Zool. Surv. India.

Distribution : India Assam, Mizoram.

Elsewhere : Bangladesh, Myanmar.

Widely distributed in Myanmar and also in Chittagong in Bangladesh. In India restricted to Assam.

52. *Cyclophorus (Salpingophorus) zebrinus* (Benson)

1836. *Cyclostoma zebrinus* Benson, *J. Asiat. Soc. Beng.*, 5 : 355.
 1870. *Cyclophorus zebrinus* : Hanley and Theobald, *Conch. India*, pl. 2, fig. 2.
 1921. *Cyclophorus (Salpingophorus) zebrinus* : *Fauna Brit. India*, Mollusca, 3 : 86.
 1995. *Cyclophorus (Salpingophorus) zebrinus* : Subba Rao, Mitra, Dey and Mitra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 45, pl. 4, fig. 5, 6. Zool. Surv. India.
 2007. *Cyclophorus (Salpingophorus) zebrinus* (Benson) : Surya Rao, Mitra and Dey, *Fauna of Mizoram, States Fauna Series*, 14 : 112. Zool. Surv. India.

Distribution : India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram.

Elsewhere : Bangladesh, China, Myanmar.

Genus *Craspedotropis* Blanford, 1864

53. *Craspedotropis bilirata* (Beddome)

1875. *Cyclophorus biliratus* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 452, pl. 53, fig. 34.
 1878. *Cyclophorus (Craspedotropis) biliratus* : Nevill, *Hand List Moll. Indian Mus.*, 1 : 278.
 1921. *Craspedotropis bilirata* : Gude, *Fauna Brit. India*, Mollusca, 3 : 15, fig. 6.
 2002. *Craspedotropis bilirata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 9.
 2005. *Craspedotropis biliratus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 58, figs. 15, a, b.

Distribution : India : Karnataka (South Canara coast range, 2500 ft.)

54. *Craspedotropis cuspidata* (Benson)

1851. *Cyclostoma cuspidatum* Benson, *Ann. Mag. nat. Hist.*, (2)8 : 189.
 1854. *Cyclophorus cuspidatus* : Benson, *Ann. Mag. nat. Hist.*, (2) : 14 : 415.
 1864. *Cyclophorus cuspidatus* : Blanford, *Ann. Mag. nat. Hist.*, (3)13 : 454.
 1921. *Craspedotropis cuspidata* : Gude, *Fauna Brit. India*, Mollusca, 3 : 16, fig. 7.
 2002. *Craspedotropis cuspidata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 9.

Distribution : India : Tamil Nadu (Nilgiris, Ootacamond)

55. *Craspedotropis fimbriata* (Godwin-Austen)

1875. *Craspedotropis fimbriatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **54** : 7, pl. 4, fig. 1.
 1876. *Craspedotropis fimpriatus* : Hanley and Theobold, *Conch. Indica*, p. 13.
 1921. *Craspedotropis fimbriata* : Gude, *Fauna Brit. India*, Mollusca, **3** : 17.
 2002. *Craspedotropis fimbriata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 20.

Distribution : India : Nagaland.

56. *Craspedotropis salemensis* (Beddome)

1875. *Cyclophorus salemensis* Beddome, *Proc. zool. Soc. Lond.*, **1875** : 45, pl. 53, fig. 35.
 1876. *Craspedotropis salemensis* : Hanley and Theobald, *Conch. Indica*, p. 13.
 1921. *Craspedotropis salemensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 18.
 2002. *Crapedotropis salemensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 9.

Distribution : India : Tamil Nadu.

Genus *Cyathopoma* Blanford, 1861**Subgenus *Cyathopoma* s. str.****57. *Cyathopoma (Cyathopoma) album* Beddome**

1875. *Cyathopoma (Jerdonia) album* Beddome, *Proc. zool. Soc.*, Lond., **1875** : 446, pl. 52, fig. 14.
 1920. *Cyathopoma (Cyathopoma) album* : Gude, *Fauna Brit. India*, Mollusca, **3** : 131.

Distribution : India : Tamil Nadu.

Elsewhere : Sri Lanka.

58. *Cyathopoma (Cyathopoma) atrosetosum* (Beddome)

1875. *Cyathopoma (Jerdonia) atrosetosum* Beddome, *Proc. zool. Soc.*, Lond., **1875** : 448, pl. 52, fig. 18.
 1921. *Cyathopoma (Cyathopoma) atrosetosum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 132.
 2002. *Cyathopoma atrosetosam* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Karnataka, Tamil Nadu.

59. *Cyathopoma (Cyathopoma) beddomeanum* Nevill

1871. *Cyathopoma (Jerdonia) blanfordi* Beddome, *Proc. zool. Soc. Lond.*, **1871** : 446, pl. 52, fig. 13 (not *Cyathopoma blanfordi* H. Adams 1868).
 1881. *Cyathopoma (Jerdonia) beddomeanum* (new name) Nevill, *J. Asiat. Soc. Beng.*, **1** : 145.
 1921. *Cyathopoma (Cyathopoma) beddomeanum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 133.

2002. *Cyathopoma beddomeanum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Tamil Nadu.

60. *Cyathopoma (Cyathopoma) coonoorensis* Blanford

1868. *Cyathopoma coonoorensis* Blanford, *J. Conch.*, **16** : 261, pl. 12, fig. 6.

1875. *Cyathopoma coonoorensis* : Hanley and Theobald, *Conch. Indica* pl. 135, fig. 10.

1921. *Cyathopoma (Cyathopoma) coonoorensis* : *Fauna Brit. India*, Mollusca, **3** : 133.

2002. *Cyathopoma coonoorensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.

Distribution : India : Kerala.

61. *Cyathopoma (Cyathopoma) deccanense* Blanford

1868. *Cyathopoma deccanense* Blanford, *J. Conch.*, **16** : 258, pl. 12, fig. 2.

1874. *Cyathopoma deccanense* : Hanley and Theobald, *Conch. Indica*, pl. 82, figs. 8, 9.

1921. *Cyathopoma (Cyathopoma) deccanense* : Gude, *Fauna Brit. India*, Mollusca, **3** : 134.

2002. *Cyathopoma deccanense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

2004. *Cyathopoma deccanense* : Mitra, Dey and Ramakrishna, *Pictorial Handbook-Indian Land Snails*, Zool. Surv. India, p. 59, fig. 16.

Distribution : India Maharashtra (Khandala, 4000 ft.)

62. *Cyathopoma (Cyathopoma) filocinctum* (Benson)

1851. *Cyclostoma filocinctum* Benson, *Ann. Mag. nat. Hist.*, (2)**8** : 188.

1864. *Cyathopoma filocinctum* : Blanford, *Ann. Mag. nat. Hist.*, (3)**13** : 449.

1921. *Cyathopoma (Cyathopoma) filocinctum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 135.

2002. *Cyathopoma filocinctum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India, Tamil Nadu.

This species is distinguished by the presence of distinct spiral ridges throughout, except near the sutures.

63. *Cyathopoma (Cyathopoma) kalryenense* (Blanford)

1861. *Cyclotus kalryenense* Blanford, *J. Asiat. Soc. Beng.*, **30** : 352, pl. 2, fig. 1.

1862. *Cyathopoma kalryenense* : Blanford, *J. Asiat. Soc. Beng.*, **31** : 145.

1921. *Cyathopoma (Cyathopoma) kalryenense* : Gude, *Fauna Brit. India*, Mollusca, **3** : 135.

2002. *Cyathopoma kalryenense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10

Distribution : India Tamil Nadu (Kalryen Hills).

64. *Cyathopoma (Cyathopoma) kolamulliense* (Blanford)

1861. *Jerdonia? kolamulliensis* Blanford, *J. Asiat. Soc. Beng.*, **30** : 351, 366, pl. 1, fig. 4.
 1864. *Cyathopoma kolamulliense* : Blanford, *Ann. Mag. nat. Hist.*, (3)**13** : 449.
 1875. *Cyathopoma kolamulliense* : Hanley and Theobald, *Conch. Indica*, pl. 135, figs. 8, 9.
 1921. *Cyathopoma (Cyathopoma) kolamulliense* : Gude, *Fauna Brit. India*, Mollusca, **3** : 136.
 2002. *Cyathopoma kolamulliense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Tamil Nadu (Kolamullay Hills).

65. *Cyathopoma (Cyathopoma) latilabre* Beddome

1875. *Cyathopoma latilabre* Beddome, *Proc. zool. Soc. Lond.*, **1875** : 450, pl. 53, figs. 28, 29.
 1876. *Cyathopoma latilabre* : Hanley and Theobald, *Conch. Indica*, p. 13.
 1921. *Cyathopoma (Cyathopoma) latilabre* : Gude, *Fauna Brit. India*, Mollusca, **3** : 137.
 2002. *Cyathopoma latilabre* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Karnataka, Kerala (S. Canara, 3000 ft., Wynaad).

66. *Cyathopoma (Cyathopoma) ovatum* Beddome

1875. *Cyathopoma (Jerdonia) ovatum*, *Proc. zool. Soc.*, Lond., **1875** : 447, pl. 52, fig. 16.
 1876. *Cyathopoma ovatum* : Pfeiffer, *Mon. Pneum. Suppl.* **3** : 378.
 1921. *Cyathopoma (Cyathopoma) ovatum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 139.
 2002. *Cyathopoma ovatum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

Distribution : India : Tamil Nadu. (Yellagherry Hills, Salem).

67. *Cyathopoma (Cyathopoma) peilei* Preston

1903. *Cyathopoma peilei* Preston, *Proc. malac. Soc.*, Lond., **5** : 340, text-fig. 1.
 1921. *Cyathopoma (Cyathopoma) peilei* : Gude, *Fauna Brit. India*, Mollusca, **3** : 140.
 2002. *Cyathopoma peilei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

Distribution : India : Tamil Nadu (Shevroy Hills).

68. *Cyathopoma (Cyathopoma) shevaroyanum* Beddome

1875. *Cyathopoma shevaroyanum* Beddome, *Proc. zool. Soc.*, Lond., **1875** : 451, pl. 53, figs. 32, 33.
 1881. *Cyathopoma shevaroyanum* : Nevill, *J. Asiat. Soc. Beng.* **1(2)** : 145, pl. 6, fig. 7.
 1921. *Cyathopoma (Cyathopoma) shevaroyanum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 141.
 2002. *Cyathopoma shevaroyanum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

Distribution India Tamil Nadu. (Shevaroy and Yellagherry Hills).

Operculum in this species smooth, convex appearance, shows very close affinity towards that of *Turbo*, externally.

69. *Cyathopoma (Cyathopoma) sivagherrianum* Beddome

1875. *Cyathopoma (Jerdonia) sivagherrianum* Beddome, *Proc. zool. Soc.*, Lond., 1875 : 448, pl. 52, fig. 17.

1876. *Cyathopoma sivagherrianum* : Pfeiffer, *Mon. Pneum. Suppl.* 3 : 377.

1921. *Cyathopoma (Cyathopoma) sivagherrianum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 142.

2002. *Cyathopoma sivagherrianum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : (Sivaghery (3000 ft)-Sispara-Tamil Nadu/Karnataka, Kerala).

70. *Cyathopoma (Cyathopoma) travancoricum* Beddome

1875. *Cyathopoma travancoricum* Beddome, *Proc. zool. Soc.* Lond., 1875 : 451, pl. 53, figs. 30, 31.

1876. *Cyathopoma travancoricum* : Pfeiffer. *Mon. Pneum. Suppl.*, 3 : 376.

1921. *Cyathopoma (Cyathopoma) travancoricum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 142, text-fig. 23.

2002. *Cyathopoma travancoricum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Kerala (Travancore mountain 3000 ft.).

Cyathopoma travancoricum and *C. latilabre*, these two species have swelling in the last whorl almost as in the genus *Alycaeus*. This species is differentiated from the other by its more number of carinations on the last whorl and also by its crenations in the inner peristome.

71. *Cyathopoma (Cyathopoma) vitreum* (Beddome)

1875. *Cyathopoma (Jerdonia) vitreum* Beddom, *Proc. zool. Soc.*, Lond., 1875 : 449, pl. 53, figs. 21, 22.

1876. *Cyathopoma vitreum* : Hanley and Theobald, *Conch. Indica*, pl. 145, fig. 9.

1921. *Cyathopoma (Cyathopoma) vitreum* : Gude, *Fauna Brit. Mus.*, Mollusca. 3 : 143.

2002. *Cyathopoma vitreum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Tamil Nadu (Shivagherry Hills, 1000 ft.)

72. *Cyathopoma (Cyathopoma) wynaadense* Blanford

1868. *Cyathopoma wynaadense* Blanford, *J. Conch.*, 16 : 259, pl. 12, fig. 3.

1875. *Cyathopoma wynaadense* : Pfeiffer, *Mon. Pneum. Suppl.*, 3 : 24.

1921. *Cyathopoma (Cyathopoma) wynaadense* : Gude, *Fauna Brit. India*, Mollusca, 3 : 144.

2002. *Cyathopoma wynaadense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Wynaad (Tamil Nadu/Kerala)

Subgenus *Jerdonia* Blanford, 186173. *Cyathopoma (Jerdonia) anamullayanum* Beddome

1875. *Cyathopoma (Jerdonia) anamullayanum* Beddome, *Proc. zool. Soc.*, Lond., 1875 : 446, pl. 52, fig. 15.
1876. *Cyathopoma anamullayanum* : Pfeiffer, *Mon. Pneum. Suppl.*, 3 : 380.
1921. *Cyathopoma (Jerdonia) anamullayanum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 144.
2002. *Cyathopoma anamullayanum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Tamil Nadu (6,000 ft.) (Anamullaya Hill).

74. *Cyathopoma (Jerdonia) elatum* Beddome

1875. *Cyathopoma (Jerdonia) elatum* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 448, pl. 52, fig. 19.
1876. *Cyathopoma elatum* : Pfeiffer, *Mon. Pneum. Suppl.*, 3 : 382.
1921. *Cyathopoma (Jerdonia) elatum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 146.
2002. *Cyathopoma elatum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Andhra Pradesh (3,000 ft.) Golconda Hill).

75. *Cyathopoma (Jerdonia) imperforatum* Nevill

1881. *Cyathopoma (Jerdonia) imperforatum* Nevill, *J. Asiat. Soc. Beng.*, 1 : 145.
1921. *Cyathopoma (Jerdonia) imperforatum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 147.
2002. *Cyathopoma imperforatum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Tamil Nadu (Anamullaya Hill).

76. *Cyathopoma (Jerdonia) malabaricum* (Blanford)

1860. *Cyclotus malabaricus* Blanford, *J. Asiat. Soc. Beng.*, 29 : 125.
1864. *Cyathopoma malabaricum* : Blanford, *Ann. Mag. nat. Hist.*, (3)13 : 449.
1874. *Cyathopoma malabaricum* : Hanley and Theobald, *Conch. Indica*, pl. 82, figs. 1, 4.
1921. *Cyathopoma (Jerdonia) malabaricum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 148.

Distribution : India : Tamil Nadu (Pykara Hills, Nilgiris).

77. *Cyathopoma (Jerdonia) natalicum* Godwin-Austen

1895. *Cyathopoma natalicum* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1895 : 453, text-fig D.
1921. *Cyathopoma (Jerdonia) natalicum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 149.
1991. *Cyathopoma natalicum* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 4.

2002. *Cyathopoma natalicum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, **196** : 4.
Distribution : India : Nicobar islands.

78. *Cyathopoma (Jerdonia) nitidum* Beddome

1875. *Cyathopoma (Jerdonia) nitidum* Beddome, *Proc. zool. Soc.*, Lond., **1875** : 445, pl. 52, fig. 12.
 1876. *Cyathopoma nitidum* : Pfeiffer, *Mon. Pneum. Suppl.*, **3** : 381.
 1921. *Cyathopoma (Jerdonia) nitidum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 149.
 2002. *Cyathopoma nitidum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

Distribution : India Karnataka, Tamil Nadu (Anamullay and S. Canara Hill) (4000-6000 ft.). Shell in this species with its turreted form resembles that of *C. (J) trochlea* but differs in lacking the carinations and also by being more narrowly umbilicated, operculum also differs.

79. *Cyathopoma (Jerdonia) procerum* Blanford

1868. *Cyathopoma procerum* Blanford, *J. Conch.*, **16** : 262, pl. 12, fig. 8.
 1875. *Cyathopoma procerum* : Hanley and Theobald, *Conch. Indica*, pl. 135, fig. 7.
 1921. *Cyathopoma (Cyathopoma) procerum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 150.
 2002. *Cyathopoma procerum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India Kerala, (Beypore, Malabar).

C. procerum is the only species in the genus "discovered away from the mountain districts" (Gude, 1921).

80. *Cyathopoma (Jerdonia) tignarium* Benson

1863. *Cyathopoma (?) tignarium* Benson, *Ann. Mag. nat. Hist.*, (3)**12** : 426.
 1868. *Cyathopoma tignarium* Blanford, *J. Conch.*, **16** : 263, pl. 12, fig. 9.
 1874. *Cyathopoma tignarium* Hanley and Theobald, *Conch. Indica*, pl. 82, figs. 7, 10.
 1921. *Cyathopoma (Jerdonia) tignarium* : Gude, *Fauna Brit. India*, Mollusca, **3** : 151.

Distribution India : Andaman Islands.

81 *Cyathopoma (Jerdonia) trochlea* (Benson)

1851. *Cyclostoma trochlea* Benson, *Ann. Mag. nat. Hist.*, (2)**8** : 189.
 1864. *Cyathopoma (Jerdonia) trochlea* : Blanford, *Ann. Mag. nat. Hist.*, (3)**13** : 448.
 1921. *Cyathopoma (Jerdonia) trochlea* : Gude, *Fauna Brit. India*, Mollusca, **3** : 152.
 2002. *Cyathopoma trochlea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

2004. *Cyathopoma (Jerdonia) trochlea* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 60, fig. 17.

Distribution : India : Tamil Nadu (Nilgiri).

A distinctly turreted form with strong carinations. The carinations give the shell, particularly the last whorl a flat, cylindrical appearance.

Subgenus *Pseudojerdonia*, Kobelt, 1902

82. *Cyathopoma (Pseudojerdonia) garoense* Godwin-Austen

1876. *Cyathopoma garoense* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 183.
1921. *Cyathopoma (Pseudojerdonia) garoense* : Gude, *Fauna Brit. India*, Mollusca, 3 : 153.
1995. *Cyathopoma (Pseudojerdonia) garoense* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 46, text-fig. 6C. Zool. Surv. India.
2002. *Cyathopoma garoense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.
2004. *Cyathopoma (Pseudojerdonia) garoense* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 61, text-fig. 18.

Distribution : India : Meghalaya (Garo, Jaintea).

83. *Cyathopoma (Pseudojerdonia) jawaiense* Godwin-Austen

1876. *Cyathopoma jawaiense* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 182, pl. 8A, fig. 6.
1921. *Cyathopoma (Pseudojerdonia) jowaiense* : Gude, *Fauna Brit. India*, Mollusca, 3 : 154.
1995. *Cyathopoma (Pseudojerdonia) Jawaiense* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 46, text-fig. 6D. Zool. Surv. India.
2002. *Cyathopoma jawaiense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Meghalaya, Nagaland. (Jawai, Naga Hills).

84. *Cyathopoma (Pseudojerdonia) nevillei* Godwin-Austen

1876. *Cyathopoma nevillei* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 182, pl. 8A, fig. 5.
1921. *Cyathopoma (Pseudojerdonia) nevillei* : Gude, *Fauna Brit. India*, Mollusca, 3 : 154.
2002. *Cyathopoma nevillei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Meghalaya, Nagaland (Khasi, Naga Hills).

Genus *Ditropis* Blanford, 1869

85. *Ditropis beddomei* Blanford

1869. *Cyclophorus (Ditropis) beddomei* Blanford, *J. Asiat. Soc. Beng.* 38(2) : 127, pl. 16, fig. 2.
1875. *Ditropis beddomei* : Hanley and Theobald, *Conch. Indica*, pl. 136, figs. 8, 9.

1921. *Ditropis beddomei* : Gude, *Fauna Brit. India*, Mollusca, **3** : 24.

2002. *Ditropis beddomei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 9.

Distribution : India : Kerala.

86. *Ditropis convexa* (Blanford)

1869. *Cyclophorus (Ditropis) convexus* Blanford, *J. Asiat. Soc. Beng.*, **38(2)** : 128, pl. 16, fig. 3 (shell), p. 131, fig. 2. (lingual dentition).

1875. *Ditropis convexus* : Hanley and Theobald, *Conch. Indica*, pl. 136, figs. 7, 10.

1921. *Ditropis convexus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 25.

2002. *Ditropis convexa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 9.

Distribution : India : Kerala.

87. *Ditropis planorbis* Blanford

1869. *Cyclophorus (Ditropis) planorbis* Blanford, *J. Asiat. Soc. Beng.*, **38(2)** : 126, pl. 16, fig. 1.

1875. *Ditropis planorbis* : Hanley and Theobald, *Conch. Indica*, pl. 136, figs. 5, 6.

1921. *Ditropis planorbis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 25.

2002. *Ditropis planorbis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 9.

2005. *Ditropis planorbis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 62, fig. c 27.

Distribution : India : Kerala, Tamil Nadu.

The shell is glassy, smooth, polished with a squarish body whorl and is one of the most beautiful among all the Indian species of Indian land operculates.

Genus *Japonia* Gould, 1859

Subgenus *Lagochilus* Blanford, 1864

88. *Japonia (Lagochilus) galathea* Moerch

1872. *Cyclophorus (Craspedotropis) galathea* Moerch, *J. Conchy.*, **20** : 315.

1876. *Cyclophorus (Craspedotropis) galathea* Moerch, *J. Conchyl.*, **24** : 361.

1921. *Japonia (Lagochilus) galathea* : Gude, *Fauna Brit. India*, Mollusca, **3** : 7.

1991. *Lagochilus galathea* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 21, pl. 1, fig. 9.

2002. *Lagochilus galathea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 3, fig. 10.

Distribution India Nicobar Islands.

89. *Japonia (Lagochilus) malleata* (Blanford)

1861. *Cyclophorus malleatus* W. T. and H. F. Blanford, *J. Asiat. Soc. Beng.*, **30** : 349, pl. 1, fig. 6.
 1874. ? *Cyathopoma malleatum* : Hanley and Theobald, *Conch. Indica*, p. 35, pl. 82, figs. 5, 6.
 1921. *Japonia (Lagochilus) malleata* : Gude, *Fauna Brit. India*, Mollusca, **3** : 8.
 2002. *Lagochilus malleata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 9.

Distribution : India : Western Ghats.

J. malleata is the only species of the genus recorded from South India, Blanford (1861) thought it to be a representative of a group of species from Sri Lanka, viz. *J. halophilus*, *J. orophilus*, *J. flammeus* etc.

90. *Japonia (Lagochilus) oakesi* Godwin-Austen

1918. *Lagochilus oakesi* Godwin-Austen, *Rec. Indian Mus.*, **8** : 574, text-fig. 3A.
 1921. *Japonia (Lagochilus)* : Gude, *Fauna Brit. India*, Mollusca, **3** : 9.

Distribution : India : Arunachal Pradesh.

91. *Japonia (Lagochilus) polynema* (Moerch)

1876. *Cyclophorus (Craspedotropis) polynema* Moerch, *J. Conchyl.*, **24** : 361.
 1921. *Japonia (Lagochilus) polynema* : Gude, *Fauna Brit. India*, Mollusca, **3** : 10, fig. 2.
 1991. *Lagochilus polynema* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 22, pl. fig. 10.
 2002. *Lagochilus polynema* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 3, figs. 6, 8.

Distribution : India : Nicobar Islands.

92. *Japonia (Lagochilus) roepstorffi* (Moerch)

1876. *Cyclophorus (Craspedotropis) roepstorffi* Moerch, *J. Conchyl.*, **24** : 361.
 1895. *Lagocheilus roepstorffi* : Godwin-Austen, *Proc. zool. Soc. Lond.*, **1895** : 452.
 1921. *Japonia (Lagochilus) roepstorffi* : Gude, *Fauna Brit. India*, Mollusca, **3** : 11, fig. 3.
 1991. *Lagochilus roepstorffi* : Subba Rao, Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 22, pl. 1, fig. 11.
 2002. *Lagochilus roepstorffi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 2, fig. 6.
 2004. *Japonia (Lagochilus) roepstorffi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 63, figs. 9, 10.

Distribution : India : Nicobar Islands.

93. *Japonia (Lagochilus) sikhimensis* Godwin-Austen

1918. *Lagocheilus sikhimensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 575, text-fig. 3D.
 1921. *Japonia (Lagochilus) sikhimensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 12.
 2002. *Lagochilus sikhimensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 30.

Distribution : India : Sikkim.

94. *Japonia (Lagochilus) tomotrema* (Benson)

1857. *Cyclophorus tomotrema* Benson, *Ann. Mag. nat. Hist.*, (2)**19** : 206.
 1876. *Lagocheilus tomotrema* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 174.
 1921. *Japonia (Lagochilus) tomotrema* : Gude, *Fauna Brit. India*, Mollusca, **3** : 12.
 1992. *Lagochilus tomotrema* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 80. *Zool. Surv. India*.
 1995. *Lagochilus tomotrema* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 46, text-fig. 6B. *Zool. Surv. India*.
 2002. *Lagochilus tomotrema* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 44.
 2004. *Japonia (Lagochilus) tomotrema* : Mitra, Dey and Ramakrishna, *Pictorial Handbook. Indian Land Snails*, *Zool. Surv. India*, p. 64, figs. 11, 12.

Distribution : India Arunachal Pradesh, Meghalaya, Nagaland, West Bengal (Darjeeling).

Among all the species of the genus, *L. tomotrema* has the widest distribution and is recorded from the hills of whole north-east India.

95. *Japonia (Lagochilus) warnefordiana* G. Nevill

1878. *Lagocheilus warnefordianus* G. Nevill, *Hand List Moll. Indian Mus.*, **1** : 282.
 1921. *Japonia (Lagochilus) warnefordiana* : Gude, *Fauna Brit. India*, Mollusca, **3** : 13, fig. 4.
 1991. *Lagochilus warnefordi* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 23, pl. 3, fig. 2.
 2002. *Lagochilus warnefordi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4.

Distribution India : Andaman Islands.

96. *Japonia (Lagochilus) wüllerstorffiana* (Zelebor)

1867. *Cyclotus wüllerstorffianus* Zelebor, *Verh. K. KJ. Zool-bot. Ges.*, **17** : 807.
 1895. *Lagochilus wüllerstorffianus* : Godwin-Austen, *Proc. zool. Soc.*, Lond., p. 452.
 1921. *Japonia (Lagochilus) wüllerstorffiana* : Gude, *Fauna Brit. India*, Mollusca, **3** : 14, fig. 5.
 2002. *Lagochilus wüllerstorffiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4.

Distribution : India : Nicobar Islands.

Genus *Leptopoma* Pfeiffer, 1847Subgenus *Trocholeptopoma* Kobelt and Moellendorff, 189797. *Leptopoma (Trocholeptopoma) aspirans* Benson

1856. *Leptopoma aspirans* Benson, *Ann. Mag. nat. Hist.*, (2)17 : 229.
1862. *Leptopoma aspirans* : Blanford, *J. Asiat. Soc. Beng.*, 31 : 144.
1921. *Leptopoma (Trocholeptopoma) aspirans* : Gude, *Fauna Brit. India*, Mollusca, 3 : 3.
1995. *Leptopoma aspirans* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 48, text-fig. 6A. *Zool. Surv. India*.
2004. *Leptopoma (Trocholeptopoma) aspirans* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 65, figs. 13, 14, c28, c29.

Distribution : India : Meghalaya.

Elsewhere : Myanmar, Mauritius.

98. *Leptopoma (Trocholeptopoma) immaculatum* (Pfeiffer)

1846. *Cyclostoma immaculatum* Pfeiffer, *Conch. Cab.*, Cyclostomaceen, p. 22, pl. 3, fig. 7, pl. 4, fig. 7, pl. 7, figs. 23, 24, pl. 16, fig. 9.
1847. *Leptopoma immaculatum* : Pfeiffer, *Zeits. Malak.*, 4 : 108.
1895. *Leptopoma immaculatum* : Goodwin-Austen, *Proc. zool. Soc. Lond.*, 1895 : 452.
1921. *Leptopoma (Trocholeptopoma) immaculatum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 4.
1991. *Leptopoma (Trocholeptopoma) immaculatum* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 24, pl. 3, fig. 1.

Distribution : India : Andaman and Nicobar Islands.

Elsewhere : Philippines.

99. *Leptopoma (Trocholeptopoma) roepstorffianum* Nevill

1878. *Leptoma roepstorffianum* Nevill, *Hand List Moll. Indian Mus.*, 1 : 280.
1921. *Leptopoma (Trocholeptopoma) roepstorffianum* : Gude, *Fauna Brit. India*, Moll. 3 : 5 fig. 1.
1991. *Leptopoma (Trocholeptopoma) roepstorffianum* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 25, pl. 1, fig. 12.
2002. *Leptopoma roepstorffianum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4, pl. 3, figs. 2, 4.

Distribution : India : Andaman Islands.

Genus *Leptopomoides* G. Nevill, 1878100. *Leptopomoides valvatus* (Moellendorff)

1897. *Leptopomatoides valvatus* (Blanford) Moellendorff. *Nachr. Deuts. Malak. Ges.*, **29** : 35.
1921. *Leptopomatoides valvatus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 21, pl. 1, figs. 12.
2002. *Leptopomoides valvatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 9.
2004. *Leptopomoides valvatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 66, text-fig. 19.

Distribution : India : Karnataka.

L. valvatus is the only representative of the genus occurring in India.

Genus *Micraulax* Theobald, 1876101. *Micraulax coeloconus* (Benson)

1851. *Cyclostoma coeloconus* Benson, *Ann. Mag. nat. Hist.*, (2)**8** : 189.
1854. *Cyclophorus coeloconus* Benson, *Ann. Mag. nat. Hist.*, (2)**14** : 415.
1870. *Cyclophorus coeloconus* : Hanley and Theobald, *Conch. Indica*, pl. 4, fig. 5.
1878. *Cyclophorus (Micraulax) coeloconus* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 273.
1921. *Micraulax coeloconus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 23.

Distribution : India : Hills of Tamil Nadu.

Elsewhere : Sri Lanka.

102. *Micraulax scabra* Theobald

1876. *Micraulax scabra* : Theobald, *J. Asiat. Soc. Beng.*, **45**(2) : 185, pl. 14, fig. 4.
1921. *Micraulax scabra* : Gude, *Fauna Brit. India*, Mollusca, **3** : 22, fig. 8.
2002. *Micraulax scabra* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 9.
2004. *Micraulax scabra* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 67, figs. 15, 16.

Distribution : India : Kerala.

Genus *Mychopoma* Blanford, 1869103. *Mychopoma hirsutum* Blanford

1869. *Mychopoma hirsutum* (Beddome Ms.) Blanford, *J. Asiat. Soc. Beng.*, **38** : 132, pl. 16, figs. 5, 5b (shell), 5c, 5d (operculum).
1875. *Mychopoma hirsutum* : Hanley and Theobald, *Conch. Indica*, pl. 136, figs. 1, 4.

1921. *Mychopoma hirsutum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 155.

2002. *Mychopoma hirsutum* : Ramakrishna and Mitra, *Rec. zool. Surv., Occ. Paper No.*, 196 : 11.

Distribution : India : Kerala, Tamil Nadu (Kalakkad; Tinnevelly).

104. *Mychopoma limbiferum* Blanford

1869. *Mychopoma limbiferum* Blanford, *J. Asiat. Soc. Beng.*, 38 : 133, pl. 16, figs. 4, 46 (shell), 4c, 4d (operculum).

1875. *Mychopoma limbiferum* : Hanley and Theobald, *Conch. Indica*, 136, figs. 2, 3.

1921. *Mychopoma limbiferum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 156.

2004. *Mychopoma limbiferum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 68, figs. 17, 18.

Distribution : India : Kerala (7,000 ft.) (Pulney Hill).

105. *Mychopoma seticinatum* (Beddome)

1875. *Cyathopoma (Jerdonia) seticinatum* Beddome, *Proc. zool. Soc., Lond.*, 1875 . 449, pl. 53, figs 23, 24.

1876. *Mychopoma seticinatum* : Hanley and Thebald, *Conch. Indica*, p. 13.

1921. *Mychopoma seticinatum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 157.

2002. *Mychopoma seticinatum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : TamilNadu (2,000 ft.) (Anamullaya).

Genus *Scabrina* Blanford, 1883

106. *Scabrina pinnulifera* Benson

1857. *Cyclophorus pinnulifera* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 205.

1863. *Cyclophorus pinnulifera* : Blanford, *J. Asiat. Soc. Beng.*, 32 : 322.

1921. *Scabrina pinnulifera* : Gude, *Fauna Brit. India*, Mollusca, 3 : 30.

1995. *Scabrina pinnulifera* : Subba Rao, Mitra, Dey and Maira, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 50, pl. 6, figs. 3, 4. Zool. Surv. India.

2002. *Scabrina pinnulifera* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 20, pl. 10, figs. 5, 6.

2004. *Scabrina pinnulifera* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 69, fig. 19.

Distribution : India : Assam, Meghalaya, Nagaland.

Genus *Theobaldius* Nevill, 1878

107. *Theobaldius deplanatus* (Pfeiffer)

1854. *Cyclophorus deplanatus* (*Cyclophorus?*), *Proc. zool. Soc. Lond.*, 1854 301.

1866. *Cyclophorus deplanatus* : Blanford, *J. Asiat. Soc. Beng.*, **35** : 38, 40.
 1921. *Theobaldius deplanatus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 35.
 2002. *Theobaldius deplanatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.
 2004. *Theobaldius deplanatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 70, figs. 20, 21.
 2005. *Theobaldius deplanatus* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 222. Zool. Surv. India.

Distribution : India : Kerala, Tamil Nadu.

108. *Theobaldius maculosus* (Sowerby)

1843. *Cyclostoma maculosum* Sowerby, *Proc. zool. Soc. Lond.*, **1843** : 66.
 1861. *Cyclophorus maculosus* : Reeve, *Conch. Icon.*, **13** : *Cyclophorus*, pl. 5, fig. 17.
 1921. *Theobaldius maculosus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 37.
 2002. *Theobaldius maculosus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Southern India.

Type locality of this species was not known to Sowerby. None of the subsequent workers could ascertain it. As indicated by Kobelt and Moellendor (1897) it was "Southern India" (Gude, 1921).

109. *Theobaldius nivicola* (Godwin-Austen)

1876. *Cyclophorus (Myxostoma) nivicola* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45(2)** : 173, pl. 7, fig. 1.
 1878. *Cyclophorus (Theobaldius) nivicoia* : Nevill, *Hand List, Moll. India. Mus.*, **1** : 275.
 1921. *Theobaldius nivicola* : Gude, *Fauna Brit. India*, Mollusca, **3** : 37.
 2002. *Theobaldius nivicola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 30.
 2004. *Theobaldius nivicola* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, p. 70, figs. 22, 23.

Distribution : India : Arunachal Pradesh.

Godwin-Austen (1876) thought it to be an Indian representative of *T. bairdii* of Sri Lanka.

110. *Theobaldius oakesi* (Godwin-Austen)

1915. *Cyclophorus oakesi* Godwin-Austen, *Rec. Indian Mus.*, **8** : 502, pl. 40, fig. 1.
 1921. *Theobaldius oakesi* : Gude, *Fauna Brit. India*, Mollusca, **3** : 38.
 2002. *Theobaldius oakesi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 30.

Distribution : India : Arunachal Pradesh.

111. *Theobaldius orites* Nevill

1881. *Cyclophorus (Theobaldius) orites* Nevill, *J. Asiat. Soc. Beng.*, 50(2) : 147, pl. 6 fig. 4.
1921. *Theobaldius orites* : Gude, *Fauna Brit. India*, Mollusca, 3 : 38.
1995. *Theobaldius orites* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya. State Fauna Series*, 4(part 8) : 50, pl. 6, figs. 5, 6. Zool. Surv. India.
2002. *Theobaldius orites* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 30, pl. 10, figs. 2, 4.

Distribution : India : Meghalaya, Sikkim.

112. *Theobaldius phaenotopicus* (Benson)

1851. *Cyclophorus phaenotopicum* Benson, *Ann. Mag. nat. Hist.*, (2) 8 : 180.
1854. *Cyclophorus phaenotopicus* Benson, *Ann. Mag. nat. Hist.*, (2) 14 : 415.
1921. *Theobaldis phaenotopicus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 40.
1992. *Theobaldius phaenotopicus* : Thakur. Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 81. Zool. Surv. India.
1995. *Theobaldius phaenotopicus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 51, pl. 7, figs. 1, 4. Zool. Surv. India.
2002. *Theobaldius phalnotopicus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 30, pl. 11, fig. 1, 3.

Distribution : India : Meghalaya, Sikkim, West Bengal (Darjeeling).

113. *Theobaldius ravidus* (Benson)

1851. *Cyclostoma ravidum* Benson, *Ann. Mag. nat. Hist.*, (2) 8 : 190.
1854. *Cyclophorus ravidus* Benson, *Ann. Mag. nat. Hist.*, (2) 14 : 415.
1869. *Cyclophorus ravidus* : Blanford, *J. Asiat. Soc. Beng.*, 38 : 143.
1921. *Theobaldius ravidus* Gude, *Fauna Brit. India*, Mollusca, 3 : 41, text-fig. 10.
2002. *Theobaldius ravidus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Kerala, Tamil Nadu.

114. *Thebaldius shiplayi* (Pfeiffer)

1856. *Cyclostoma (Cyclophorus) shiplayi* Pfeiffer, *Proc. zool. Soc. Lond.*, 1856 : 337.
1876. *Cyclostoma (Cyclophorus) shiplayi* : Hanley and Theobald, *Conch. Indica*, p. 57, pl. 143, figs. 7, 10.
1978. *Cyclophorus (Theobaldius) shiplayi* : Nevill, *Hand List Moll. India Mus.*, 1 : 277.
1921. *Theobaldius shiplayi* : Gude, *Fauna Brit. India*, Mollusca, 3 : 42.

2002. *Theobaldius shiplayi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.
 2004. *Theobaldius shiplayi* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, p. 71, figs. 24. 25.

Distribution : India : Tamil Nadu.

115. *Theobaldius stenostoma* (Sowerby)

1843. *Cyclostoma stenostoma* Sowerby, *Thes. Conch.*, **1** : 95, pl. 31, fig. 261.
 1854. *Cyclophorus stenostoma* : Benson, *Ann. Mag. nat. Hist.*, (2)**14** : 415.
 1878. *Cyclophorus (Theobaldius) stenostoma* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 276.
 1921. *Theobaldius stenostoma* : Gude, *Fauna Brit. India, Mollusca*, **3** : 42.
 1989. *Theobaldius stenostoma* : Subha Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, **1** : 258. *Zool. Surv. India*.
 2002. *Theobaldius stenostoma* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : Tamil Nadu.

Hanley and Theobald (1875), named a variety *anguis* also from Nilgiris.

116. *Theobaldius tristis* (Blanford)

1869. *Pterocyclos tristis* Blanford, *J. Asiat. Soc. Beng.*, **38**(2) : 134, pl. 16, fig. 9.
 1878. *Cyclophorus (Theobaldius) tristis* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 276.
 1921. *Theobaldius tristis* : Gude, *Fana Brit. India, Mollusca*, **3** : 44.
 2002. *Theobaldius tristis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Karnataka, Tamil Nadu. (Tinnevelly).

Subfamily ALYCAEINAE

Genus *Alycaeus* Gray, 1850

Subgenus *Alycaeus* s. str.

117. *Alycaeus (Alycaeus) beddomei* Godwin-Austen

1914. *Alycaeus beddomei* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 386 pl. 149, fig 5, 5a.
 1921. *Alycaeus (Alycaeus) beddomei* : Gude *Fauna Brit. India, Mollusca*, **3** : 205.
 2002. *Alycaeus beddomei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India : Nagaland (Naga Hills).

118. *Alycaeus (Alycaeus) burowliensis* Godwin-Austen

1914. *Alycaeus burowliensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 405, pl. 139, figs. 1, 1a.

1921. *Alycaeus (Alycaeus) burowliensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 205.
 2002. *Alycaeus burowliensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Assam (Akha Hills, Darrang).

119. *Alycaeus (Alycaeus) burti* (Godwin-Austen)

1874. *Alycaeus burtii* Godwin-Austen, *J. Asiat. Soc. Beng.*, 43(2) : 149, fig. 9, pl. 3.
 1914. *Alycaeus burtii* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 352, pl. 144, figs. 8, 8a.
 1921. *Alycaeus (Alycaeus) burti* : Gude, *Fauna Brit. India*, Mollusca, 3 : 206.
 2004. *Alycaeus (Alycaeus) burti* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, p. 72, fig. 26, text-figs. 20 a,b.
 2007. *Alycaeus (Alycaeus) burti* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 110. *Zool. Surv. India*.

Distribution : India : Arunachal Pradesh, Assam, Mizoram (Akha Hills Dihiri Parbat)

Elsewhere : Bhutan.

Godwin-Austen (1914) also described a variety of the species, *yetaiensis* from Arunachal Pradesh.

120. *Alycaeus (Alycaeus) chanjukensis* Godwin-Austen

1914. *Alycaeus chanjukensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 364, pl. 157, figs. 5, 5a.
 1921. *Alycaeus chanjukensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 207.
 2002. *Alycaeus chanjukensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Arunachal Pradesh, (Tsanspu Valley) 14,300 ft.

121. *Alycaeus (Alycaeus) conicus* Godwin-Austen

1871. *Alycaeus conicus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 42(2) : 87, pl. 3, figs 1, 1a, 1b.
 1875. *Alycaeus conicus* : Hanley and Theobald, *Conch. Indica*, pl. 103, figs, 8, 9.
 1914. *Alycaeus conicus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 387, pl. 143, figs., 4,4a,4b.
 1921. *Alycaeus (Alycaeus) conicus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 208.
 1995. *Alycaeus (Alycaeus) conicus* : Subba Rao, Mitra, Dey and Matra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 36, text-fig. 5D. *Zool. Surv. India*.
 2004. *Alycaeus (Alycaeus) conicus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 73, text-figs. 21a, b, fig. 27.

Distribution : India : Assam, Meghalaya, Nagaland.

Distinct because of its more conical shape, rather unusual for this genus.

122. *Alycaeus (Alycaeus) dikrangensis* Godwin-Austen

1914. *Alycaeus dikrangensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 355, fig. 148, figs. 6, 6A.

1921. *Alycaeus (Alycaeus) dikrangensis* : Gude, *Fauna Brit. India*, Mollusa, 3 : 209.

2002. *Alycaeus dikrangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 44.

Distribution : India : Arunachal Pradesh (Toruputu Peak).

No subsequent record.

123. *Alycaeus (Alycaeus) kamakiaensis* Godwin-Austen

1914. *Alycaeus kamakiaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 375, pl. 141, fig. 8.

1921. *Alycaeus (Alycaeus) kamakiaensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 209.

2002. *Alycaeus kamakiaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Assam.

No subsequent record.

124. *Alycaeus (Alycaeus) levis* Godwin-Austen

1914. *Alycaeus (Alycaeus) levis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 394, pl. 138, figs. 3, 3A.

1921. *Alycaeus (Alycaeus) levis* Gude, *Fauna Brit. India*, Mollusca, 3 : 209.

2002. *Alycaeus levis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Manipur.

No subsequent record.

125. *Alycaeus (Alycaeus) logtakensis* Godwin-Austen

1914. *Alycaeus logtakensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 394, pl. 155, fig. 6.

1921. *Alycaeus (Alycaeus) logtakensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 210.

2002. *Alycaeus logtakensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Manipur.

No subsequent record.

126. *Alycaeus (Alycaeus) lohitensis* Godwin-Austen

1914. *Alycaeus lohitensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 357, pl. 147, fig. 8.

1921. *Alycaeus (Alycaeus) lohitensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 212.

2002. *Alycaeus lohitensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh.

No Subsequent record.

127. *Alycaeus (Alycaeus) magnus* Godwin-Austen

1893. *Alycaeus magnus* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1893** : 594.

1914. *Alycaeus magnus* : Godwin-Asten, *Land and Freshwater Moll. India*, **2** : 395, pl. 138, figs. 1, 1A.

1921. *Alycaeus (Alycaeus) magnus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 210, figs. 33.

2002. *Alycaeus magnus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India : Nagaland.

128. *Alycaeus (Alycaeus) mundulus* Godwin-Austen

1914. *Alycaeus mundulus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 357, pl. 147, fig. 8.

1921. *Alycaeus (Alycaeus) mundulus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 212.

2002. *Alycaeus mundulus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh.

No subsequent record.

129. *Alycaeus (Alycaeus) nowgongensis* Godwin-Austen

1914. *Alycaeus nowgongensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 307, pl. 137, figs. 4, 4a, 4b.

1921. *Alycaeus (Alycaeus) nowgongensis* : Gude, *Fauna Brit. India, Mollusca*, **3** : 213.

2002. *Alycaeus nowgongensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India : Assam.

No subsequent record.

130. *Alycaeus (Alycaeus) oglei* Godwin-Austen

1914. *Alycaeus oglei* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 362, pl. 148, fig. 2.

1921. *Alycaeus (Alycaeus) oglei* : Gude, *Fauna Brit. India, Mollusca*, **3** : 213.

2002. *Alycaeus oglei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Arunachal Pradesh (Sadiya, Dihing)

No subsequent record.

131. *Alycaeus (Alycaeus) panggianus* Godwin-Austen

1914. *Alycaeus panggianus* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 367, pl. 156, figs. 3, 3a.
 1921. *Alycaeus (Alycalus) panggianus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 213.
 2002. *Alycaeus panggianus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

132. *Alycaeus (Alycaeus) perplexus* Godwin-Austen

1914. *Alycaeus perplexus* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 380, pl. 155, fig. 11.
 1921. *Alycaeus (Alycaeus) perplexus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 214.
 2002. *Alycaeus perplexus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Meghalaya.

No subsequent record.

133. *Alycaeus (Alycaeus) pusillus* Godwin-Austen

1871. *Alycaeus pusillus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 40(2) : 89, fig 3, 3a, 3b.
 1914. *Alycaeus pusillus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 379, pl. 143, figs. 6, 6a, 6b.
 1921. *Alycaeus (Alycaeus) pusillus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 215.
 1995. *Alycaeus (Alycaeus) pusillus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 36, text-fig. 5B. *Zool. Surv. India*,
 2002. *Alycaeus pusillus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India, Meghalaya.

134. *Alycaeus (Alycaeus) reinhardti* Moersch

1872. *Alycaeus (Charax) reinhardti* Moersch, *Vid. Mudd.* p. 22.
 1876. *Alycaeus (Charax) reinhardti* : Moersch, *J. Conclu*, 24 : 362.
 1914. *Alycaeus reinhardti* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 431.
 1921. *Alycaeus (Alycaeus) reinharti* : Gude, *Fauna Brit. India*, Mollusca, 3 : 216.
 1991. *Alycaeus (Alycaeus) reinhardti* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 26, pl. 3, fig. 4.
 2002. *Alycaeus reinhardti* : Ramakrishna Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4.

Distribution : India : Nicobar Islands.

135. *Alycaeus (Alycaeus) rotundatus* Godwin-Austen

1914. *Alycaeus rotundatus* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 359, pl. 154, fig. 6.
 1921. *Alycaeus (Alycaeus) rotundatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 217.
 2002. *Alycaeus rotundatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

136. *Alycaeus (Alycaeus) sculpturus* Godwin-Austen

1875. *Alycaeus sculpturus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 44(2) : 8, pl.4, figs. 2-2c.
 1914. *Alycaeus sculpturus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 398, pl. 45, figs, 6, 6a, 6b.
 1921. *Alycaeus (Alycaeus) sculpturus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 218.
 2002. *Alycaeus sculpturus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Nagaland, Manipur.

137. *Alycaeus (Alycaeus) serratus* Godwin-Austen

1874. *Alycaeus serratus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 43(2) : 148, pl. 3, fig. 6, 6a, 6b.
 1914. *Alycaeus serratus* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 400, pl. 144, figs. 6, 6a, 6b.
 1921. *Alycaeus (Alycaeus) serratus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 219.
 2002. *Alycaeus serratus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Manipur.

138. *Alycaeus (Alycaeus) sibbumensis* Godwin-Austen

1914. *Alycaeus sibbumensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 367, pl. 156, figs. 4, 4a.
 1921. *Alycaeus (Alycaeus) sibbumensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 219.
 2002. *Alycaeus sibbumensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.

Distribution : India : Arunachal Pradesh.

No subsequent record.

139. *Alycaeus (Alycaeus) yamneyensis* Godwin-Austen

1914. *Alycaeus yamneyensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 368, pl. 156, fig. 2.
 1915. *Alycaeus yamneyensis* : Godwin-Austen, *Rec. Indian Mus.*, 8 : 503.
 1921. *Alycaeus (Alycaeus) yamneyensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 222.

2002. *Alycaeus yumneyensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196**: 31.

Distribution : India : Arunachal Pradesh.

No subsequent record.

Genus *Chamalycaeus* Kobelt and Moellendorf, 1897

Subgenus *Chamalycaeus* s. str.

140. *Chamalycaeus (Chamalycaeus) aborensis* (Godwin-Austen)

1914. *Alycaeus aborensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 364, pl. 149, fig. 9.

1921. *Alycaeus (Chamalycaeus) aborensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 223.

2002. *Alycaeus aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh.

No subsequent record.

141. *Chamalycaeus (Chamalycaeus) andamaniae* (Benson)

1861. *Alycaeus andamaniae* Benson, *Ann. Mag. nat. Hist.*, (3)**7** : 28.

1874. *Alycaeus andamaniae* : Hanley and Theobald, *Conch. Ind.*, pl. 91, figs. 7, 10.

1914. *Alycaeus andamaniae* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 430.

1921. *Alycaeus (Chamalycaeus) andamaniae* : Gude, *Fauna Brit. India*, Mollusca, **3** : 223.

2002. *Alycaeus andamaniae* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4.

Distribution : India Andaman and Nicobar Islands.

142. *Chamalycaeus (Chamalycaeus) brahma* (Godwin-Austen)

1886. *Alycaeus brahma* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 195, pl. 48, fig. 3.

1897. *Alycaeus (Chamalycaeus) brahma* : Kobelt and Moellendorff, *Nachr. Deuts. Malak Ges.*, **29** : 151.

1921. *Alycaeus (Chamalycaeus) brahma* : Gude, *Fauna Brit. India*, Mollusca, **3** : 224.

2002. *Alycaeus brahma* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Assam. (Brahmakund, Assam / Arunachal Dihing valley).

143. *Chamalycaeus (Chamalycaeus) busbyi* (Godwin-Austen)

1893. *Alycaeus busbyi* *Proc. zool. Soc.*, Lond., **1893** : 595.

1897. *Alycaeus busbyi* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 5, pl. 63, fig. 1.

1921. *Alycaeus (Chamalycaeus) busbyi* : Gude, *Fauna Brit. India*, Mollusca, **3** : 225.

1991. *Chamalycaeus busbyi* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 26, pl. **3**, fig. 3.

2002. *Alycaeus busbyi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 4, pl. 2, fig. 5.
 2004. *Chamalycaeus (Chamalycaeus) busbyi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 74, fig. 28.

Distribution : India : Nicobar Islands.

144. *Chamalycaeus (Chamalycaeus) canaliculus* (Godwin-Austen)

1914. *Alycaeus canaliculus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 371, pl. 154, fig.11.
 1921. *Alycaeus (Chamalycaeus) canaliculus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 225.
 2002. *Alycaeus canaliculus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Meghalaya.

No subsequent record.

145. *Chamalycaeus (Chamalycaeus) distinctus* (Godwin-Austen)

1871. *Alycaeus ingrami*, var Godwin-Austen, *J. Asiat. Soc. Beng.*, **41(2)** : 92, pl. 4, figs. 3, 3a, 3b.
 1871. *Alycaeus ingrami* var. *nagaensis* Godwin-Austen (part), *J. Asiat. Soc. Beng.*, **41(2)** : 92, pl. 4, fig. 2.
 1893. *Alycaeus distinctus* Godwin-Austen, *Proc. zool. Soc. Lond.* **1893** : 592.
 1914. *Alycaeus ingrami* var. *nagansis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 421.
 1921. *Alycaeus (Chamalycaeus) distinctus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 226.
 2002. *Alycaeus distinctus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.* **196** : 22.

Distribution : India : Assam, Nagaland (300 ft. to 7000 ft.).

Godwin-Austen (1893) named several varieties under this species, collected from Assam, Nagaland etc.

146. *Chamalycaeus (Chamalycaeus) edei* (Godwin-Austen)

1914. *Alycaeus edei* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 391, pl. 149, figs. 2, 2a.
 1921. *Alycaeus (Chamalycaeus) edei* : Gude, *Fauna Brit. India*, Mollusca, **3** : 227.
 2002. *Alycaeus edei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.
 2007. *Alycoeus (Chamalycaeus) edei* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 110. Zool. Surv. India.

Distribution : India : Assam, Mizoram.

No subsequent record.

147. *Chamalycaeus (Chamalycaeus) inflatus* (Godwin-Austen)

1874. *Alycaeus inflatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **43(2)** : 146, pl. 3 figs 1-1d.

1914. *Alycaeus inflatus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 392, figs. 1b, 1c, 1d.
 1921. *Alycaeus (Chamalycaeus) inflatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 227.
 2002. *Alycaeus inflatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Nagaland (Naga Hills).

148. *Chamalycaeus (Chamalycaeus) macgregori* (Godwin-Austen)

1878. *Alycaeus ingrani* var. *nagaensis* (Godwin-Austen) (part), Nevill, *Hand List Moll. Ind. Mus.*, 1 : 292.
 1914. *Alycaeus ingrani* var. *nagaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 421.
 1914. *Alycaeus macgregori* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 356, pl. 141, figs. 2, 2a, 2b.
 1921. *Alycaeus (Chamalycaeus) macgregori* : Gude, *Fauna Brit. India*, Mollusca, 3 : 229.
 2002. *Alycaeus macgregori* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.
 2004. *Chamalycaeus (Chamalycaeus) macgregori* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 75, figs. 29, 30.

Distribution : India : Arunachal Pradesh.

No subsequent record.

149. *Chamalycaeus (Chamalycaeus) montanus* (Nevill)

1881. *Alycaeus montanus* Nevill, *J. Asiat. Soc. Beng.*, 50(2) : 149, pl. 6. fig. 5.
 1914. *Alycaeus montanus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 341, pl. 136, figs. 3, 3a.
 1921. *Alycaeus (Chamalycaeus) montanus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 229.
 2002. *Alycaeus montanus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 3.

Distribution : India : Sikkim (11,000 ft).

150. *Chamalycaeus (Chamalycaeus) nagaensis* (Godwin-Austen)

1871. *Alycaeus ingrani* var. *nagaensis* Godwin-Austen, *J. Asiat. Soc. Beng.*, 40(2) : 92, pl. 5, figs. 2, 2a, 2b.
 1914. *Alycaeus ingrani* var. *nagaensis* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 396, pl. 143, 2, 2a, 2b.
 1921. *Alycaeus (Chamalycaeus) nagaensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 230.
 2002. *Alycaeus nagaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Nagaland.

151. *Chamalycaeus (Chamalycaeus) nitidus* (Blanford)

1862. *Alycaeus nitidus* Blanford, *J. Asiat. Soc. Beng.*, 31 : 141.
 1870. *Alycaeus nitidus* : Blanford, *J. Asiat. Soc. Beng.*, 39 : 24.

1914. *Alycaeus nitidus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 421.

1921. *Alycaeus (Chamalycaeus) nitidus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 230.

Distribution : India : Meghalaya.

Elsewhere : Myanmar.

152. *Chamalycaeus (Chamalycaeus) physis* (Benson)

1859. *Alycaeus physis* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 179.

1874. *Alycaeus physis* : Hanley and Theobald, *Conch. Indica*, pl. 92, figs. 5, 6.

1914. *Alycaeus physis* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 342, pl. 134, figs. 1, 1a.

1921. *Alycaeus (Chamalycaeus) physis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 231, text-figs. 34.

1992. *Chamalycaeus physis* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 77. Zool. Surv. India.

2002. *Alycaeus physis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31

Distribution : India : West Bengal (Darjeeling, 2000 ft.).

This species has resemblances with *Alycaeus prosectus* from the Khasi Hills and *A. umbonalis* from Myanmar, but the points of differences were discussed in details by Benson (1859).

153. *Chamalycaeus (Chamalycaeus) sculptilis* (Benson)

1856. *Alycaeus sculptilis* Benson, *Ann. Mag. nat. Hist.*, (2)17 : 226.

1857. *Alycaeus sculptilis* : Theobald, *J. Asiat. Soc. Beng.*, 26 : 247.

1870. *Alycaeus sculptilis* : Blanford, *J. Asiat. Soc. Beng.*, 39 : 24.

1914. *Alycaeus sculptilis* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 412, pl. 139, figs. 7, 7a (shell) pl. 145, fig. 8 (aperture).

1921. *Alycaeus (Chamalycaeus) sculptilis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 233.

1995. *Alycaeus (Chamalycaeus) sculptilis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 36, text-fig. 5A. Zool. Surv. India.

Distribution : India : Meghalaya, Nagaland.

Elsewhere : Myanmar.

154. *Chamalycaeus (Chamalycaeus) stoliczkai* (Godwin-Austen)

1874. *Alycaeus stoliczkii* Godwin-Austen, *J. Asiat. Soc. Beng.*, 43(2) : 147, pl. 3, figs. 3, 3a, 3b.

1914. *Alycaeus stoliczkii* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 399, pl. 144, figs., 3, 3a, 3b.

1921. *Alycaeus (Chamalycaeus) stoliczkai* : Gude, *Fauna Brit. India*, Mollusca, 3 : 233.

2002. *Alycaeus stoliczkai* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India Nagaland (7000 ft.)

155. *Chamalycaeus (Chamalycaeus) strigatus* (Godwin-Austen)

1874. *Alycaeus strigatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **43**(2) : 146, pl. 3, fig. 2.

1914. *Alycaeus strigatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 381, 401, pl. 144, figs. 2, 2a, 2b.

1921. *Alycaeus (Chamalycaeus) strigatus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 234.

2002. *Alycaeus strigatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Assam. (North Cachar)

156. *Chamalycaeus (Chamalycaeus) subinflatus* (Godwin-Austen)

1914. *Alycaeus subinflatus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 400, pl. 154, figs. 8, 8a.

1921. *Alycaeus (Chamalycaeus) subinflatus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 235.

Distribution : India : Manipur, Nagaland.

No subsequent record.

Subgenus *Dicharax* Kobelt and Moellendorff, 1990

157. *Chamalycaeus (Dicharax) asaluensis* (Godwin-Austen)

1871. *Alycaeus crispatus* var., Godwin-Austen, *J. Asiat. Soc. Beng.*, **40** : 93, pl. 4, fig. 2.

1914. *Alycaeus asaluensis* : Godwin-Austen, *Land and Freshwater, Moll. India*, **2** : 385, pl. 145, figs. 2, 2a, 2b.

1921. *Alycaeus (Dicharax) asaluensis* : Gude, *Fauna Brit. India, Mollusca*, **3** : 237.

2002. *Alycaeus asaluensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Assam (North Cachar).

No subsequent record.

158. *Chamalycaeus (Dicharax) bicrenatus* (Godwin-Austen)

1871. *Alycaeus ingrami* var. Godwin-Austen, *J. Asiat. Soc. Beng.*, **40**(2) : 92, pl. 4, fig. 3.

1874. *Alycaeus bicrenatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **43**(2) : 148, pl. 3, figs. 5, 5a, 5b.

1914. *Alycaeus bicrenatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 386, pl. 144, figs. 5, 5a, 5b.

1921. *Alycaeus (Dicharax) bicrenatus* : Gude, *Fauna, Brit. India, Mollusca*, **3** : 238.

2002. *Alycaeus bicrenatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Assam, Nagaland (8-9000 ft.)

159. *Chamalycaeus (Dicharax) birugosus* (Godwin-Austen)

1893. *Alycaeus birugosus* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1893 : 593.
1897. *Alycaeus birugosus* : Godwin-Austen, *Land and Freshwater Moll, India*, 22, pl. 63, figs. 5, 5a.
1914. *Alycaeus birugosus* : Godwin-Austen, *Land and Freshwater, Moll. India*, 2 : 370, 387; var. pl. 154, figs. 7, 7a.
1921. *Alycaeus (Dicharax) birugosus* : Gude, *Fauna Brit. India, Mollusca*, 3 : 239.
2002. *Alycaeus birugosus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Meghalaya.

Godwin-Austen also referred to two different varieties of this species from Jaintia and Garo Hills, Meghalaya (Gude, 1921).

160. *Chamalycaeus (Dicharax) chennelli* (Godwin-Austen)

1886. *Alycaeus chennelli* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 192, pl. 48, fig. 2.
1902. *Alycaeus (Dicharax) chennelli* : Kobolt, *Das Tierreich*, Lief. 16 : 366.
1921. *Alycaeus (Dicharax) chennelli* : Gude, *Fauna Brit. India, Mollusca*, 3 : 240.
2002. *Alycaeus chennelli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Nagaland.

161. *Chamalycaeus (Dicharax) crenatus* (Godwin-Austen)

1871. *Alycaeus crenatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 40(2) : 90, pl. 3, figs. 5, 5a, 5b.
1914. *Alycaeus crenatus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 388, pl. 143, figs. 8, 8a, 8b.
1921. *Alycaeus (Dicharax) crenatus* : Gude, *Fauna Brit. India, Mollusca*, 3 : 241.
1995. *Alycaeus (Dicharax) crenatus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 38, pl.1, fig. 4. *Zool. Surv. India*.
2002. *Alycaeus crenatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.
2005. *Chamalycaeus (Dicharax) crenatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook-Indian Land Snails*, *Zool. Surv. India*, p. 77, fig. 32.

Distribution : India : Assam, Meghalaya, Nagaland (5000 ft.).

162. *Chamalycaeus (Dicharax) crenulatus* (Benson)

1859. *Alycaeus crenulatus* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 180.
1874. *Alycaeus crenulatus* : Hanley and Theobald, *Conch. Indica*, pl. 97, figs. 1, 4.
1914. *Alycaeus crenulatus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 337, figs. 1-1c.

1921. *Alycaeus (Dicharax) crenulatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 242.
1992. *Alycaeus (Dicharax) crenulatus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 75. Zool. Surv. India.
2004. *Chamalycaeus (Dicharax) crenatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snail*, Zool Surv. India, p. 77. fig. 32.

Distribution : India : Sikkim, West Bengal (Darjeeling) (2500-4000 ft.).

Elsewhere : Bhutan.

C. crenulatus is distinct and lack an internal hollow ridge near the peristome, as pointed out by Thakur *et al.* (1992). According to Benson (1859) the three species *crenulatus*, *pletochilus* and *sculptilis* show a significant analogical connection through the plicate peristome "among the three natural sections of *Alycaeus*."

163. *Chamalycaeus (Dicharax) crispatus* (Godwin-Austen)

1871. *Alycaeus crispatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 40(2) : 91, pl. 4, figs. 1, 1a, 1b.
1876. *Alycaeus crispatus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 175.
1914. *Alycaeus crispatus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 371, 389, pl. 145, figs. 1, 1a, 1b.
1921. *Alycaeus (Dicharax) crispatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 242.
1995. *Alycaeus (Dicharax) crispatus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 39, text-fig. 5c. Zool. Surv. India.
2002. *Alycaeus crispatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 44.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya.

Godwin-Austen (1914) named three varieties of the species, *makarsal* (Khasi Hills), *minima* (Garo Hills) and *rywukensis* (Garo Hills) all from Meghalaya and gave detailed description.

164. *Chamalycaeus (Dicharax) daflaensis* (Godwin-Austen)

1876. *Alycaeus daflaensis* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 176, pl. 7, figs. 12, 12a, 12b.
1914. *Alycaeus daflaensis* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 354, pl. 145, figs. 11, 11a, 11b.
1921. *Alycaeus (Dicharax) daflaensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 245.
2002. *Alycaeus daflaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.

Distribution : India : Arunachal Pradesh (7,000 ft.).

165. *Chamalycaeus (Dicharax) diagonius* (Godwin-Austen)

1871. *Alycaeus diagonius* Godwin-Austen, *J. Asiat. Soc. Beng.*, 40(2) : 88, pl. 3, figs. 2, 2a, 2b.

1875. *Alycaeus diagonius* : Hanley and Theobald, *Conch. India*, pl. 103, fig. 1.
 1914. *Alycaeus diagonius* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 389. pl. 143, figs. 5, 5a, 5b.
 1921. *Alycaeus (Dicharax) diagonius* : Gude, *Fauna Brit. India, Mollusca*, 3 : 247.
 2002. *Alycaeus diagonius* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.
 2004. *Chamalycaeus (Dicharax) diagonius* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 76, fig. 31.

Distribution : India : Assam, Nagaland.

The shell is very much close to that of *Chamalycaeus (Dicharax) hebes* from Meghalaya but differs in its narrower umbilicus.

166. *Chamalycaeus (Dicharax) digitatus* (Blanford)

1871. *Alycaeus digitatus* Blanford, *J. Asiat. Soc. Beng.*, 40(2) : 41, pl. 2, figs. 4, 4a, 4b.
 1914. *Alycaeus digitatus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 339, pl. 134, figs 5, 5a.
 1921. *Alycaeus (Dicharax) digitatus* : Gude, *Fauna Brit. India, Mollusca*, 3 : 248.
 1992. *Alycaeus (Dicharax) digitatus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : Zool. Surv. India.
 2004. *Alycaeus (Dicharax) digitatus* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, 10(Part 3) : 91, pl. 8, figs. 1 and 2. Zool. Surv. India.

Distribution : India : Sikkim, West Bengal.

Elsewhere : Bhutan.

Blandford (1871) remarked among all the species of *Alycaeus* known with plicate peristome, this species exhibits this character in most pronounced form, the prolongations in the lip taking a distinct digitiform shape.

167. *Chamalycaeus (Dicharax) duorugosus* (Godwin-Austen)

1914. *Alycaeus duorugosus* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 391.
 1921. *Alycaeus (Dicharax) duorugosus* : Gude, *Fauna Brit. India, Mollusca*, 3 : 249.

Distribution : India : Manipur, Nagaland.

No subsequent record.

168. *Chamalycaeus (Dicharax) expatriatus* (Blanford)

1860. *Alycaeus expatriatus* Blanford, *J. Asiat. Soc. Beng.*, 29 : 123.
 1876. *Alycaeus expatriatus* : Hanley and Theobald, *Conch. Indica*, pl. 145, figs. 1, 4.
 1914. *Alycaeus expatriatus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 433.

1921. *Alycaeus (Dicharax) expatriatus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 249.
 2002. *Alycaeus expatriatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

Distribution : Karnataka, Tamil Nadu (Anamullay, South Canara, Shevroy Hills).

169. *Chamalycaeus (Dicharax) footei* (Blanford)

1861. *Alycaeus footei* Blanford, *J. Asiat. Soc. Beng*, **30** : 348, pl. 1, fig. 3.
 1914. *Alycaeus footei* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 432.
 1921. *Alycaeus (Dicharax) footei* : Gude, *Fauna Brit. India*, Mollusca, **3** : 251.
 2002. *Alycaeus footei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

Distribution : India : Karnataka, Kerala, Tamil Nadu (Tinnevelly, South Canara, Shivroy).

C. (D.) expatriatus and *C. (D.) footei* are only two species recorded from South India. Incidentally shell in both the species is more depressed than any other in the genus. The former differs from the later being comparatively more depressed, the ridge in the last whorl being more blunt and also the last whorl being slightly less descending in front.

170. *Chamalycaeus (Dicharax) gemma* (Godwin-Austen)

1914. *Alycaeus gemma* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 355, pl. 149, figs. 6, 6a.
 1921. *Alycaeus (Dicharax) gemma* : Gude, *Fauna Brit. India*, Mollusca, **3** : 252.
 2002. *Alycaeus gemma* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

171. *Chamalycaeus (Dicharax) gemmula* (Benson)

1859. *Alycaeus gemmula* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 179.
 1886. *Alycaeus gemmula* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 190, pl. 48, figs. 4-4c.
 1914. *Alycaeus gemmula* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 340.
 1921. *Alycaeus (Dicharax) gemmula* : Gude, *Fauna Brit. India*, Mollusca, **3** : 252.
 1992. *Alycaeus (Dicharax) gemmula* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 72. *Zool. Surv. India*.
 2002. *Alycaeus gemmula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Sikkim, West Bengal (Darjeeling).

172. *Chamalycaeus (Dicharax) globulus* (Godwin-Austen)

1874. *Alycaeus globulus* Godwin-Austen, *J. Asiat. Soc. Beng*, **43**(2) : 147, pl. 3, figs. 4, 4a, 4b.

1914. *Alycaeus globulus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 392, pl. 144, figs. 4, 4a, 4b.
 1921. *Alycaeus (Dicharax) globulus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 254.
 2002. *Alycaeus globulus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Nagaland (5000 ft.).

173. *Chamalycaeus (Dicharax) habiangensis* (Godwin-Austen)

1914. *Alycaeus habiangensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 374, pl. 138, figs. 2, 2a, 2b.
 1921. *Alycaeus (Dicharax) habiangensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 254.
 2002. *Alycaeus habiangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Meghalaya (Habiang Garo).

Godwin-Austen (1914) observed, this belongs to a small group of species of *Alycaeus* including, *A. khasiacus*, *A. conicus*, *A. deagonius*, *A. pusillus* characterised by bearing a short sutural tube and shell costulation being restricted to a narrow bandlike area.

No subsequent record.

174. *Chamalycaeus (Dicharax) hebes* (Benson)

1857. *Alycaeus hebes* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 204.
 1859. *Alycaeus (Charax) hebes* : Benson, *Ann. Mag. nat. Hist.*, (3) 3 : 177.
 1864. *Alycaeus hebes* : Blanford, *Ann. Mag. nat. Hist.*, (3)13 : 459.
 1886. *Alycaeus hebes* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 191, pl. 43, figs. 1, 1a, 1b, 1c.
 1921. *Alycaeus (Dicharax) hebes* : Gude, *Fauna Brit. India*, Mollusca, 3 : 255.
 1995. *Alycaeus (Dicharax) hebes* : Subba Rao, Mitra, Dey and Mitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 39, pl. 1, fig. 2. *Zool. Surv. India*.
 2002. *Alycaeus hebes* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22, pl. 12, fig. 3.

Distribution : India : Meghalaya.

This species occurs on rocks. (Benson, 1857).

175. *Chamalycaeus (Dicharax) jaintiacus* (Godwin-Austen)

1871. *Alycaeus jaintiacus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 40(2) : 92, pl. 5, figs. 3, 3a, 3b.
 1914. *Alycaeus jaintiacus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 375, pl. 143, figs. 3, 3a, 3b.
 1921. *Alycaeus (Dicharax) jaintiaceus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 256.
 1995. *Alycaeus (Dicharax) jaintiacus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 39, pl. 2, fig. 4. *Zool. Surv. India*.

2002. *Alycaeus jaintiacus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22, pl. 3, fig. 5.
2004. *Alycaeus (Dicharax) jaintiacus* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, 10(part 3) : 92, pl. 8, fig. 3. Zool. Surv. India.

Distribution : India : Manipur, Meghalaya. (4,563 fit.).

Godwin-Austen (1914) also recorded a variety *crassa* from Jaintia Hills.

176. *Chamalycaeus (Dicharax) kezamaensis* (Godwin-Austen)

1914. *Alycaeus kezamaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 393, pl. 144, figs. 1, 1a.
1921. *Alycaeus (Dicharax) kezamaensis* : Gude, *Fauna Brit. India, Mollusca*, 3 : 258.
2002. *Alycaeus kezamaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22.

Distribution : India : Nagaland. (Anghami Naga Hills).

No subsequent record.

177. *Chamalycaeus (Dicharax) khasiacus* (Godwin-Austen)

1871. *Alycaeus khasiacus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 40(2) : 90, pl. 3, fig. 4, 4a, 4b.
1914. *Alycaeus khasiacus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 376, 393, pl. 143, figs. 7, 7a, 7b.
1921. *Alycaeus (Dicharax) khasiacus* : Gude, *Fauna Brit. India, Mollusca*, 3 : 257.
1995. *Alycaeus (Dicharax) khasiacus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 40, pl. 2, fig. 3. Zool. Surv. India.
2002. *Alycaeus khasiacus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 22, pl. 3, fig. 7, 9.
2004. *Alycaeus (Dicharax) khasiacus* : Surya Rao, Mookherjee, Mitra, Manna and Baura, *Fauna of Manipur, State Fauna Series*, 10(part 3) : 92, pl. 8, figs. 4, 5. Zool. Surv. India.
2007. *Alycaeus (Dicharax) khasiacus* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 110. Zool. Surv. India.

Distribution : India : Assam, Manipur, Meghalaya, Mizoram.

178. *Chamalycaeus (Dicharax) lectus* (Godwin-Austen)

1878. *Alycaeus* n. sp. Nevill, *Hand List*, 1 : 294, No. 48.
1914. *Alycaeus lectus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 340, pl. 136, figs. 5, 5a, 5b.
1992. *Alycaeus (Dicharax) lectus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 73. Zool. Surv. India.
2002. *Alycaeus lectus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.

Distribution : India : West Bengal (Darjeeling).

No subsequent record.

179. *Chamalycaeus (Dicharax) lenticulus* (Godwin-Austen)

1874. *Alycaeus lenticulus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **43**(2) : 147.
 1878. *Alycaeus* n. sp. Nevill, *Hand List Moll. Indica Mus.*, **1** : 294, No. 49.
 1914. *Alycaeus lenticulus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 340, pl. 136, figs. 2, 2a, 4, 4a, 4b.
 1921. *Alycaeus (Dicharax) lenticulus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 259.
 1992. *Alycaeus (Dicharax) lenticulus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 74. Zool. Surv. India.

Distribution : India : Sikkim, West Bengal (Darjeeling).

Elsewhere : Bhutan.

Godwin-Austen (1914) re-identified Nevill's (1878) n. sp. No. 49 as belonging to the present species and figured one among those since he considered the type to be an immature one.

180. *Chamalycaeus (Dicharax) multirugosus* (Godwin-Austen)

1874. *Alycaeus multirugosus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **43**(2) : 149, pl. 3, figs. 7, 7a.
 1914. *Alycaeus multirugosus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 395, pl. 144, figs. 7, 7a.
 1921. *Alycaeus (Dicharax) multirugosus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 260.
 2002. *Alycaeus multirugosus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Nagaland.

181. *Chamalycaeus (Dicharax) mutatus* (Godwin-Austen)

1876. *Alycaeus mutatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 177, pl. 7, figs. 11, 11a.
 1876. *Alycaeus mutatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 357, pl. 145, figs. 9, 9a; pl. 157, fig. 8.
 1914. *Alycaeus mutatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 357, pl. 145, figs. 9, 9a, pl 157, fig. 8.
 1921. *Alycaeus (Dicharax) mutatus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 261.
 2002. *Alycaeus mutatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh (6-7000 ft.).

Very close to *A. khasiacus*, differs in the form of operculum.

182. *Chamalycaeus (Dicharax) neglectus* (Godwin-Austen)

1914. *Alycaeus neglectus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 358, pl. 154, fig. 5.
 1921. *Alycaeus (Dicharax) neglectus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 261.
 2002. *Alycaeus neglectus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh.

No subsequent record.

183. *Chamalycaeus (Dicharax) nongtungensis* (Godwin-Austen)

1914. *Alycaeus nongtungensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 378, pl. 138, figs. 5, 5a.
 1921. *Alycaeus (Dicharax) nongtungensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 261.
 1995. *Alycaeus (Dicharax) nongtungensis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 40, pl. 2, fig. 6. *Zool. Surv. India*.
 2002. *Alycaeus nongtungensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Meghalaya (Jaintea Hills).

184. *Chamalycaeus (Dicharax) notatus* (Godwin-Austen)

1876. *Alycaeus notatus* Godwin-Austen, *J. Asiat. Soc. Beng.* **45**(2) : 176, pl. 7, figs. 9, 9a, 9b.
 1886. *Alycaeus notatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 191, pl. 43, figs. 2, 2a, 2b.
 1914. *Alycaeus notatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 358, pl. 145, figs. 8, 8a.
 1921. *Alycaeus (Dicharax) notatus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 262.
 2002. *Alycaeus notatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.

Distribution : India : Arunachal Pradesh (3,000 ft.), Nagaland (Dafla, Naga Hills).

One of the most distinct species with unique deep fold-like furrows on the expanded portion of body whorl behind the aperture.

185. *Chamalycaeus (Dicharax) obscurus* (Godwin-Austen)

1914. *Alycaeus obscurus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 378, pl. 154, figs. 9, 9a.
 1921. *Alycaeus (Dicharax) obscurus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 263.
 2002. *Alycaeus obscurus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Meghalaya (Cherrapunji).

No subsequent record.

186. *Chamalycaeus (Dicharax) pachitaensis* (Godwin-Austen)

1886. *Alycaeus pachitaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 190, pl. 48, figs. 5, 5a-c.
1914. *Alycaeus pachitaensis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 359.
1921. *Alycaeus (Dicharax) pachitaensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 264.
2002. *Alycaeus pachitaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

187. *Chamalycaeus (Dicharax) peilei* (Preston)

1914. *Alycaeus (Charax) peilei* Preston, *Proc. zool. Soc.*, Lond., **11** : 22, text fig.
1914. *Alycaeus peilei* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 397.
1921. *Alycaeus (Dicharax) peilei* : Gude, *Fauna Brit. India*, Mollusca, **3** : 264.
2002. *Alycaeus peilei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Nagaland.

Peristome double above, treble below, with two notches, one above, the other below.

188. *Chamalycaeus (Dicharax) plectochilus* (Benson)

1859. *Alycaeus plectocheilus* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 180.
1874. *Alycaeus plectocheilus* : Hanley and Theobald, *Conch. Indica*, pl. 96, figs. 5, 6.
1914. *Alycaeus plectocheilus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 342, pl. 134, figs. 4-4c.
1921. *Alycaeus (Dicharax) plectochilus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 264.
1992. *Alycaeus (Dicharax) plectochilus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 74. *Zool. Surv. India*.

Distribution : India : West Bengal (Darjeeling).

Elsewhere : Bhutan.

189. *Chamalycaeus (Dicharax) prosectus* (Benson)

1857. *Alycaeus prosectus* Benson, *Ann. Mag. nat. Hist.* (2)**19** : 203.
1871. *Alycaeus prosectus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **40**(2) : 93, pl. 5, figs. 1, 1a.
1914. *Alycaeus prosectus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 380, pl. 143, figs. 1, 1a, 1b.
1921. *Alycaeus (Dicharax) prosectus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 266.
1995. *Alycaeus (Dicharax) prosectus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 41, pl. 2, fig. 8. *Zool. Surv. India*.

2002. *Alycaeus prosectus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Meghalaya (Khasi, Jaintia, Garo)

190. *Chamalycaeus (Dicharax) rugosus* (Godwin-Austen)

1914. *Alycaeus rugosus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 359, pl. 141, figs. 7, 7a.

1921. *Alycaeus (Dicharax) rugosus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 268.

2002. *Alycaeus rugosus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

191. *Chamalycaeus (Dicharax) strangulatus* (Pfeiffer)

1846. *Cyclostoma strangulatum* (Hutton) Pfeiffer, *Zeits. Malak.*, **3** : 86.

1859. *Alycaeus (Charax) strangulatus* : Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 177.

1864. *Cyclostoma strangulatus* : Blanford, *Ann. Mag. nat. Hist.*, (3)**13** : 458.

1914. *Cyclostoma strangulatus* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 337, pl. 136, figs. 1, 1a.

1921. *Alycaeus (Dicharax) strangulatus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 269.

2002. *Alycaeus strangulatus* : Surya Rao and Mitra, *Fauna of Western Himalaya (part 2)* : Himachal Pradesh, p. 43.

Distribution : India : Himachal Pradesh, Uttar Pradesh.

C. strangulatus is the only species of the genus occurring in the western Himalaya and as pointed out by Surya Rao and Mitra (2004) happens to be one of the three species of land operculates recorded from the west.

192. *Chamalycaeus (Dicharax) stylifer* (Benson)

1857. *Alycaeus stylifer* Benson, *Ann. Mag. nat. Hist.* (2)**19** : 204.

1859. *Alycaeus (Charax) stylifer* : Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 177.

1914. *Alycaeus stylifer* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 344, pl. 133, figs. 2-2c.

1921. *Alycaeus (Dicharax) stylifer* : Gude, *Fauna Brit. India, Mollusca*, **3** : 269, text-fig. 35.

1992. *Alycaeus (Dicharax) stylifer* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 74. *Zool. Surv. India*.

Distribution : India : Sikkim, West Bengal (Darjeeling).

Elsewhere : Bhutan.

193. *Chamalycaeus (Dicharax) subculmen* (Godwin-Austen)

1893. *Alycaeus subculmen* Godwin-Austen, *Proc. zool. Soc. Lond.*, p. 593.
 1897. *Alycaeus subculmen* : *Land and Freshwater Moll. India*, **2** : 4, pl. 63, figs. 4, 4a.
 1914. *Alycaeus subculmen* : *Land and Freshwater Moll. India*, **2** : 398.
 1921. *Alycaeus (Dicharax) subculmen* : Gude, *Fauna Brit. India*, Mollusca, **3** : 270.
 2002. *Alycaeus subculmen* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland (Naga Hills).

194. *Chamalycaeus (Dicharax) subhumilis* (Moellendorff)

1897. *Alycaeus (Charax) subhumilis* (Nevill) Moellendorff, *Nachr., Deuts. Malak. Ges.*, **29** : 41.
 1914. *Alycaeus subhumilis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 344.
 1921. *Alycaeus (Dicharax) subhumilis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 271, pl. 2, figs. 1, 2.
 2002. *Alycaeus subhumilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : West Bengal (Darjeeling).

195. *Chamalycaeus (Dicharax) teriaensis* (Godwin-Austen)

1914. *Alycaeus teriaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 382, pl. 154, figs. 10, 10a.
 1921. *Alycaeus (Dicharax) teriaensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 272.
 2002. *Alycaeus teriaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Meghalaya. (Khasi Hill).

No subsequent record.

196. *Chamalycaeus (Dicharax) theobaldi* (Blanford)

1862. *Alycaeus theobaldi* Godwin-Austen, *J. Asiat. Soc. Beng.*, **31** : 142.
 1871. *Alycaeus theobaldi* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **40(2)** : 93, pl. 4, figs. 4, 4a, 4b.
 1914. *Alycaeus theobaldi* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 382, pl. 145, figs. 10, 10a.
 1921. *Alycaeus (Dicharax) theobaldi* : Gude, *Fauna Brit. India*, Mollusca, **3** : 272.
 1995. *Alycaeus (Dicharax) theobaldi* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4(part 8)** : 41, pl. 2, fig. 7. *Zool. Surv. India*.
 2002. *Alycaeus theobaldi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Meghalaya (Khasi Hill).

Blanford (1862) excellently discussed in details the distinctive characters of this species.

He also discussed its affinities and likely inclusion in either of the two sections of the genus, viz. Benson's '*Charax*' and the typical '*Alycaeus*'

Godwin-Austen (1914) separated two varieties *solida* from the Garo Hills and *diyangensis* from North Cachar Hills.

197. *Chamalycaeus (Dicharax) toruputuensis* (Godwin-Austen)

1876. *Alycaeus theobaldi* var. Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 175, pl. 7, fig. 10.
 1878. *Alycaeus theobaldi* var. Nevill, *Hand List Moll. Indian Mus.*, **1** : 290, No. 4.
 1914. *Alycaeus toruputuensis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 359, pl. 149, figs. 3, 3a, 3b; p. 351, pl. 145, fig. 10 (operculum).
 1921. *Alycaeus (Dicharax) toruputuensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 274.
 2002. *Alycaeus toruputuensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

Subgenus *Raptomphalus* Godwin-Austen, 1914

198. *Chamalycaeus (Raptomphalus) akhaensis* (Godwin-Austen)

1914. *Alycaeus akhaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 352, pl. 148, fig. 7.
 1921. *Alycaeus (Raptomphalus) akhaensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 286.
 2002. *Alycaeus akhaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Assam (Darrang Dist.).

No subsequent record.

199. *Chamalycaeus (Raptomphalus) duoculmen* (Godwin-Austen)

1914. *Alycaeus duoculmen* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 365.
 1921. *Alycaeus (Raptomphalus) duoculmen* : Gude, *Fauna Brit. India*, Mollusca, **3** : 286.
 2002. *Alycaeus duoculmen* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Arunachal Pradesh (Tsanspu Valley).

No subsequent record.

200. *Chamalycaeus (Raptomphalus) lahupaensis* (Godwin-Austen)

1914. *Alycaeus lahupaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 394, pl. 141, figs. 3, 3a.
 1921. *Alycaeus (Raptomphalus) lahupaensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 287.

2002. *Alycaeus lahupaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Manipur (Lahupa Naga Hills, Nagaland/Manipur)

Elsewhere : Myanmar.

201. *Chamalycaeus (Raptomphalus) luyorensis* (Godwin-Austen)

1914. *Alycaeus luyorensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 365, pl. 157, figs. 6, 6a.

1921. *Alycaeus (Raptomphalus) luyorensis* : Gude, *Fauna Brit. India, Mollusca*, **3** : 288.

2002. *Alycaeus luyorensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh.

No subsequent record.

202. *Chamalycaeus (Raptomphalus) magnificus* Godwin-Austen

1914. *Alycaeus (Raptomphalus) magnificus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 366, pl. 156, figs. 1, 1a, 1b.

1921. *Alycaeus (Raptomphalus) magnificus* : Gude, *Fauna Brit. India, Mollusca*, **3** : 288.

2002. *Alycaeus magnificus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

2004. *Chamalycaeus (Raptomphalus) magnificus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 78.

Distribution : India : Arunachal Pradesh.

203. *Chamalycaeus (Raptomphalus) muspratti* (Godwin-Austen)

1897. *Alycaeus (Orthalycaeus) muspratti* (nom. nud.) Kobelt and Moellendorff, *Nachr. Deuts. Malak. Ges.*, **29** : 150.

1914. *Alycaeus muspratti* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 396, pl. 148, fig. 1.

1921. *Alycaeus (Raptomphalus) muspratti* : Gude, *Fauna Brit. India, Mollusca*, **3** : 289.

2002. *Alycaeus muspratti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland.

204. *Chamalycaeus (Raptomphalus) oakesi* (Godwin-Austen)

1914. *Alycaeus oakesi* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 366, pl. 157, figs. 4, 4a.

1921. *Alycaeus (Raptomphalus) oakesi* : Gude, *Fauna Brit. India, Mollusca*, **3** : 289.

2000. *Alycaeus oakesi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 31.

Distribution : India : Arunachal Pradesh : Tsanspu Valley (4300 ft.).

No subsequent record.

Genus *Cyclorix* Godwin-Austen, 1914205. *Cyclorix bembex* (Benson)

1859. *Alycaeus bembex* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 178.
1864. *Alycaeus bembex* : Blanford, *Ann. Mag. nat. Hist.*, (3)13 : 458.
1914. *Alycaeus (Cyclorix) bembex* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 346, pl. 147, figs. 1, 1a.
1921. *Alycaeus (Cyclorix) bembex* : Gude, *Fauna Brit. India*, Mollusca, 3 : 275.
1992. *Alycaeus (Cyclorix) bembex* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 75. Zool. Surv. India.

Distribution : India : West Bengal (Darjeeling).

Elsewhere : Bhutan.

206. *Cyclorix burrailensis* Godwin-Austen

1914. *Alycaeus (Cyclorix) burrailensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 403, pl. 147, figs. 6, 6a.
1921. *Alycaeus (Cyclorix) burrailensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 276.
2002. *Alycaeus burrailensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 23.

Distribution : India : Assam, Manipur Burreil Range (9890 ft.).

No subsequent record.

207. *Cyclorix constrictus* (Benson)

1851. *Cyclostoma constrictum* Benson, *Ann. Mag. nat. Hist.*, (2)8 : 188.
1859. *Alycaeus (Alycaeus) constrictus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 347, pl. 147, figs. 4, 4a; p. 348, pl. 154, figs. 1, 1a.
1914. *Alycaeus (Cyclorix) constrictus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 347, pl. 147, figs. 4, 4a, p. 348, pl. 154, figs., 1, 1a.
1921. *Alycaeus (Cyclorix) constrictus* : Gude, *Fauna Brit. India* Mollusca, 3 : 277.
1992. *Alycaeus (Cyclorix) constrictus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 76. Zool. Surv. India.
2002. *Alycaeus constrictus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.
2004. *Cyclorix constrictus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 78, fig. 33.

Distribution : India, Sikkim, West Bengal (Darjeeling).

208. *Cyclorix costatus* (Godwin-Austen)

1876. *Alycaeus graphicus* var Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 178 (part).
 1914. *Alycaeus (Cyclorix) costatus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 360, pl. 154, figs. 2, 2a.
 1921. *Alycaeus (Cyclorix) costatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 278.
 2002. *Alycaeus costatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.

Distribution : India : Arunachal Pradesh.

209. *Cyclorix elegans* Godwin-Austen

1914. *Alycaeus (Cyclorix) elegans* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 361, pl. 147, fig. 9.
 1921. *Alycaeus (Cyclorix) elegans* : Gude, *Fauna Brit. India*, Mollusca, 3 : 279.
 2002. *Alycaeus elegans* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

210. *Cyclorix generosus* (Godwin-Austen)

1914. *Alycaeus generosus* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 374, pl. 138, figs. 8, 8a, 8b.
 1921. *Alycaeus (Cyclorix) generosus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 279.
 2002. *Alycaeus generosus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 23.

Distribution : India : Meghalaya.

No subsequent record.

211. *Cyclorix granum* (Godwin-Austen)

1893. *Alycaeus granum* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1893 : 593.
 1897. *Alycaeus (Dioryx) granum* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 4, pl. 63, fig. 6.
 1915. *Alycaeus (Cyclorix) granum* : Godwin-Austen, *Rec. Indian Mus.*, 8 : 503.
 1921. *Alycaeus (Cyclorix) granum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 279.
 2002. *Alycaeus granum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 23.

Distribution : Assam (Margarita).

According to Godwin-Austen (1915) it is a close ally of *C. otiphorus* from Darjeeling with some distinctive characters. However has no subsequent record.

212. *Cyclorix graphicus* (Blanford)

1862. *Alycaeus graphicus* Blanford, *J. Asiat. Soc. Beng.*, **31** : 137.
1914. *Alycaeus (Cyclorix) graphicus*: Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 419, pl. 146, figs., 1, 1a, 1b.
1921. *Alycaeus (Cyclorix) graphicus* : Gude, *Fauna Brit. Indian, Mollusca*, **3** : 280.
1992. *Alycaeus (Cyclorix) graphicus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 76. *Zool. Surv. India*.
1995. *Alycaeus (Cyclorix) graphicus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 41, pl. 2, fig. 5. *Zool. Surv. India*.
2004. *Cyclorix graphicus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India*, p. 79, fig. 34.
2007. *Cyclorix graphicus* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 111. *Zool. Surv. India*.

Distribution : India : Assam, Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, West Bengal (Darjeeling).

Elsewhere : Myanmar.

Blanford (1862) analysed its position among the small group of species of *Alycaeus* from Darjeeling. He considered it to be the 'Burmese representative' of the group of species comprising *A. constrictus*, *A. bembex*, *A. otiphorus* and *A. graphicus*. He also pointed to the relationship between the lengths of the tumid portion of the body whorl and that of the sutural tubes of *Alycaeus* in general.

Godwin-Austen (1914) described two different varieties of the species, var. *dihingensis* Godwin-Austen and var. *variabilis* Godwin-Austen from Assam and Nagaland.

213. *Cyclorix khunhoensis* Godwin-Austen

1874. *Alycaeus (Dioryx) graphicus* var. *minor* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **43**(2) : 149, pl. 3, figs. 8, 8a.
1914. *Alycaeus (Cyclorix) khunhoensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 403, pl. 147, fig. 8; pl. 144, fig. 9, 9a.
1921. *Alycaeus (Cyclorix) khunhoensis* : Gude, *Fauna Brit. India, Mollusca*, **3** : 282.
2002. *Alycaeus khunhoensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland.

No subsequent record.

214. *Cyclorix mangutensis* Godwin-Austen

1871. *Alycaeus otiphorus* var. Godwin-Austen, *J. Asiat. Soc. Beng.*, **40**(2) : 93, pl. 5, fig. 6.

1893. *Alycaeus (Dioryx) granum* var. *major* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1893** : 594.
1914. *Alycaeus (Cyclorix) mangutensis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 377, pl. 146, figs. 5, 5a.
1921. *Alycaeus (Cyclorix) mangutensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 282.
2002. *Alycaeus mangutensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **146** : 23.

Distribution : India : Meghalaya.

No subsequent record.

215. *Cyclorix multicostatus* Godwin-Austen

1914. *Alycaeus (Cyclorix) multicostatus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 404, pl. 147, fig. 7.
1921. *Alycaeus (Cyclorix) multicostatus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 282.
2002. *Alycaeus multicostatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland (Lahupa Naga Hill Nagaland / Manipur).

No subsequent record.

216. *Cyclorix otiphorus* (Benson)

1858. *Alycaeus otiphorus* (Benson) Theobald, *J. Asiat. Loc. Beng.*, **27** : 322 (nom. nud.).
1859. *Alycaeus otiphorus* : Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 178.
1914. *Alycaeus (Cyclorix) otiphorus* : Godwin-Austen, *Land and Freshwater Moll, India*, **2** : 349, pl. 147, figs. 2, 2a, 2b.
1921. *Alycaeus (Cyclorix) otiphorus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 283.
1992. *Alycaeus (Cyclorix) otiphorus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 76. *Zool. Surv. India*.
1995. *Alycaeus (Cyclorix) otiphorus* : Subba Rao, Mitra, Dey and Maira, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 42, pl. 2, fig. 1. *Zool. Surv. India*.

Distribution : India : Meghalaya, Nagaland, Sikkim, West Bengal (Darjeeling) (1000-4000 ft.).

Elsewhere : Myanmar.

Distinguished by its expanded process of the peristome covering the umbilicus.

217. *Cyclorix paucicostatus* (Godwin-Austen)

1876. *Alycaeus (Dioryx) graphicus* var. Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 178 (part).
1914. *Alycaeus paucicostatus* : Godwin-Austen, *Land and Freshwater, Moll. India*, **2** : 360, pl. 147, figs. 5, 5a.

1921. *Alycaeus (Cycloryx) paucicostatus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 285.
 2002. *Alycaeus paucicostatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Manipur.

No subsequent record.

218. *Cycloryx thompsoni* Godwin-Austen

1914. *Alycaeus (Cycloryx) thompsoni* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 204, pl. 146, figs. 3, 3a.
 1921. *Alycaeus (Cycloryx) thompsoni* : Gude, *Fauna Brit. India*, Mollusca, **3** : 285.
 2002. *Alycaeus thompsoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Manipur.

No subsequent record.

Genus *Dioryx* Benson, 1859

219: *Dioryx globulosus* Godwin-Austen

1914. *Alycaeus (Dioryx) globulosus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 368, pl. 157, fig. 1.
 1921. *Dioryx globulosus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 200.
 2002. *Dioryx globulosus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India : Arunachal Pradesh (? Tsanspu valley) Assam/Arunachal.

No subsequent record.

220. *Dioryx urceolus* Godwin-Austen

1914. *Alycaeus (Dioryx) urceolus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 309, pl. 153, fig. 9.
 1921. *Dioryx urceolus* : Gude, 1921, *Fauna Brit. India*, Mollusca, **3** : 201.
 2002. *Dioryx urceolus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

221. *Dioryx urnula* (Benson)

1853. *Alycaeus urnula* Benson, *Ann. Mag. nat. Hist.*, (2)**11** : 284.
 1914. *Alycaeus (Dioryx) urnula* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 345, pl. 153, fig. 1.
 1921. *Dioryx urnula* : Gude, *Fauna Brit. India*, Mollusca, **3** : 201.
 1992. *Dioryx urnula* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(Part 9) Mollusca : p. 77. Zool. Surv. India.

1995. *Dioryx urnula* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : p. 42, pl. 2. fig. 2. Zool. Surv. India.
2004. *Dioryx urnula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 80, figs. 35, 36.

Distribution : India : Arunachal Pradesh, Nagaland, Sikkim, West Bengal (Darjeeling).

Elsewhere : Myanmar.

D. urnula is the only well established Indian species of the genus, widely occurring through whole of north-east India and the Himalaya (east), including Darjeeling in West Bengal and also Myanmar. Godwin-Austen described four different varieties of the species (Gude, 1921).

222. *Dioryx varius* Godwin-Austen

1914. *Alycaeus (Dioryx) varius* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 402, pl. 157, fig. 7.
1921. *Dioryx varius* : Ramakrishna Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Nagaland (Lhota Naga Hills).

No subsequent record.

Subfamily PTEROCYCLINAE

Genus *Pterocyclus* Benson, 1832

223. *Pterocyclus aborensis* Godwin-Austen

1915. *Pterocyclus aborensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 498, pl. 39, fig. 1.
1921. *Pterocyclus aborensis* : Gude, *Fauna Brit. India, Mollusca*, 3 : 98.
2002. *Pterocyclus aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.

Distribution : India : Arunachal Pradesh.

Not recorded after Godwin-Austen (1915).

224. *Pterocyclus albersi* Pfeiffer

1847. *Pterocyclos albersi* Pfeiffer, *Zeits. Malak.* p. 151.
1857. *Pterocyclos albersi* : Benson, *Ann. Mag. nat. Hist.*, (2)19 : 208.
1888. *Pterocyclos albersi* : Godwin-Austen, *Proc. zool. Soc.*, Lond., 1888 : 245.
1921. *Pterocyclus albersi* : Gude, *Fauna Brit. India, Mollusca*, 3 : 98.

Distribution : India : Assam.

Elsewhere : Myanmar.

225. *Pterocyclus bilabiatus* Benson / Sowerby

1835. *Pterocyclus bilabiatus* (Sowerby) Benson, *Zool. Journ.* 5 : 462.
 1843. *Cyclostoma bilabiatus* : Sowerby, *Thes. Conch.*, 1 : 110, pl. 25, figs. 81, 82.
 1848. *Pterocyclus bilabiatus* : Benson, *Ann. Mag. nat. Hist.*, (2) 1 : 346.
 1921. *Pterocyclus bilabiatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 100.
 2002. *Pterocyclus bilabiatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.
 2004. *Pterocyclus bilabiatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 82, figs. 39, 40.

Distribution : India : Tamil Nadu (Nilgiri).

Confusion exists in respect of authorship of the beautiful species. Benson published it in the year 1835 with reference to Sowerby and without description. Obviously Sowerby did not publish it before that. Benson gave description later on in 1848. But Sowerby figured it in 1843, under the genus *Cyclostoma*.

226. *Pterocyclus brahmakundensis* Godwin-Austen

1915. *Pterocyclus brahmakundensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 499, fig. 1.
 1921. *Pterocyclus brahmakundensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 101.
 2002. *Pterocyclus brahmakundensis* : Ramakrishna and Mitra, *Rec. zool. Surv.*, *Occ. Paper No.*, 196 : 21.
 2004. *Pterocyclus brahmakundensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 81, fig. 37, 38.

Distribution : India : Assam. (Brahmakund Arunachal/Assam).

227. *Pterocyclus comatus* (Beddome) Moellendorff

1897. *Pterocyclus comitis* Moellendorff. *Nachr. Deuts. Malak. Ges.*, 29 : 36.
 1921. *Pterocyclus comatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 102.
 1989. *Pterocyclus comatus* : Subba Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, 1 : 257, fig. 2A. Zool. Surv. India.
 2002. *Pterocyclus comatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.
 2005. *Pterocyclus comatus* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(Part 5) : 222. Zool. Surv. India,

Distribution : India : Andhra Pradesh, Orissa, Tamil Nadu.

228. *Pterocyclus cyclophoroideus* (G. Nevill)

1881. *Pterocyclus cyclophoroideus* G. Nevill, *J. Asiat. Soc. Beng.*, 1 : 145.

1910. *Pterocyclus cyclophoroideus* : Kobelt, *Conch.-Cab.*, Cyclophoridae, **2** : 753.
 1921. *Pterocyclus cyclophoroideus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 103, text-fig. 17.
 2002. *Pterocyclus cyclophoroideus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India : Tamil Nadu.

229. *Pterocyclus magnus* Godwin-Austen

1876. *Pterocyclus magnus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 174, pl. 7, fig. 3.
 1910. *Pterocyclus magnus* : Kobelt, *Conch.-cab.*, Cyclophoridae, **2** : 753, pl. 112, figs, 3, 4.
 1921. *Pterocyclus magnus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 105.
 2002. *Pterocyclus magnas* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.
 2004. *Pterocyclus magnus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 82, fig. 41, 42.

Distribution : India : Arunachal Pradesh, Nagaland.

230. *Pterocyclus marionae* Preston

1914. *Pterocyclus marionae* Preston, *Proc. Malak. Soc.*, **2** : 22, text. fig. 2.
 1921. *Pterocyclus marionae* : Gude, *Fauna Brit. India*, Mollusca, **3** : 106.
 2002. *Pterocyclus marionae* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 105

Distribution : India : Nagaland.

231. *Pterocyclus miriensis* Godwin-Austen

1915. *Pterocyclos miriensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 498, pp. 39, fig. 2.
 1921. *Pterocyclus miriensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 107.
 2002. *Pterocyclus miriensis* : Ramakrishna and Mitra, *Rec. zool. Surv. Occ. Paper No.*, **196** : 21.

Distribution : India : Miri Hills.

232. *Pterocyclus nanus* Benson

1851. *Pterocyclos nanus* Benson, *Ann. Mag. nat. Hist.* (2)**8** : 450.
 1866. *Pterocyclos nanus* : Blanford, *J. Asiat. Soc. Beng.*, **35** : 38, 40.
 1870. *Pterocyclos nanus* : Hanley and Theobald, *Conch. Indica*, pl. 49, figs. 5, 6.
 1921. *Pterocyclus nanus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 107.
 2002. *Pterocyclus nanus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.

Distribution : India : Western Ghats (South India).

233. *Pterocyclus parvus* (Pearson)

1833. *Spiraculum parvum* Pearson, *J. Asiat. Soc. Beng.*, 2 : 59, pl. 20, fig. 7.
 1876. *Pterocyclos parvus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 174.
 1921. *Pterocyclus parvus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 108.
 1995. *Pterocyclus parvus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 49, pl. 6. figs. 1,2. *Zool. Surv. India*.
 2000. *Pterocyclus parvus* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 340. *Zool. Surv. India*.
 2007. *Pterocyclus parvus* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 113. *Zool. Surv. India*.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland, Tripura.

Elsewhere : Bangladesh, Myanmar.

Hanley and Theobald (1870) recorded a variety, *assamensis*, from Meghalaya (Khasi Hills), Myanmar (Akyab) and also Bangladesh (Chittagong).

234. *Pterocyclus pseudocumingi* Moellendorff

1897. *Pterocyclus pseudocumingi* (Nevill Mss). Moellendorff, *Nachr. Deuts. Malak. Ges.*, 29 : 36.
 1910. *Pterocyclus pseudocumingi* : Kobelt, *Conch.-Cab*, Cyclophoridae, 2 : 746, pl. 108, figs. 13-15.
 1921. *Pterocyclus pseudocumingi* : Gude, *Fauna Brit. India*, Mollusca, 3 : 109.
 2002. *Pterocyclus pseudocumingi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 10.

Distribution : India : Kerala.

235. *Pterocyclus rupestris* Benson

1832. *Pterocyclos rupestris* Benson, *J. Asiat. Soc. Beng.*, 1 : 13, pl. 2. fig. 1.
 1870. *Pterocyclos rupestris*, Hanley and Theobald, *Conch. Indica*. pl, fig. 8.
 1921. *Pterocyclus rupestris* : Gude, *Fauna Brit. India*, Mollusca, 3 : 110.
 1992. *Pterocyclus rupestris* : Thakur, Mitra and Maitra, *State Fauna Series*, 3(part 9) : 80. *Zool. Surv. India*.
 2004. *Pterocyclus rupestris* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 83. figs. 43, 44.

Distribution : India : Jharkhand, Orissa, West Bengal.

236. *Pterocyclus spiramentum* Godwin-Austen

1915. *Pterocyclos spiramentum* Godwin-Austen, *Rec. Indian Mus.*, 8 : 499, pl. 40, fig. 4.
 1921. *Pterocyclus spiramentum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 111.

2002. *Pterocyclus spiramentum* : Ramakrishna and Mitra, *Rec. zool. Surv. Occ. Paper No.*, 196 : 32.

Distribution : India : Arunachal Pradesh.

Not recorded after Godwin-Austen (1915).

Genus *Pearsonia* Kobelt, 1833

Subgenus *Pearsonia* s. str.

237. *Pearsonia (Pearsonia) assamensis* (Fulton)

1900. *Spiraculum assamense* Fulton, *Nautilus*, 14 : 87.

1921. *Pearsonia (Pearsonia) assamensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 113, text-figs 18.

1995. *Pearsonia assamensis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 48 : pl. 5, figs. 1, 2. *Zool. Surv. India*.

2002. *Pearsonia assamensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Meghalaya.

The species seems to be very uncommon because it has never been subsequently collected. Though the types were text-figured by Gude (1921), original photographs of this species were never published before Subba Rao *et al.* (1995).

238. *Pearsonia (Pearsonia) beddomei* (Blanford)

1866. *Spiraculum beddomei* Blanford, *J. Asiat. Soc. Beng.*, 35 : 31.

1875. *Pterocyclos (Spiraculum) beddomei* : Hanley and Theobald, *Conch. India*, pl. 134, figs. 5, 6.

1921. *Pearsonia (Pearsonia) beddomei* : Gude, *Fauna Brit. India*, Mollusca, 3 : 115.

2002. *Pearsonia beddomei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Andhra Pradesh, Orissa.

239. *Pearsonia (Pearsonia) hispida* (Pearson)

1833. *Spiraculum hispidum* Pearson, *J. Asiat. Soc. Beng.*, 2 : 592.

1876. *Spiraculum hispidum* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 175, pl. 7, fig. 4.

1995. *Pearsonia hispidum* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna series*, 4(part 8) : 49, pl. 5, figs. 3, 4. *Zool. Surv. India*.

2002. *Pearsonia hispida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21, pl. II, figs. 5, 6.

2004. *Pearsonia (Pearsonia) hispida* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 84, figs. 45, 46.

Distribution : India : Arunachal Pradesh, Assam.

Benson's locality (Bihar), quoted by Gude (1921) is rather intriguing.

240. *Pearsonia (Pearsonia) kempi* (Godwin-Austen)

1915. *Spiraculum kempi* Godwin-Austen, *Rec. Indian Mus.*, **8** : 496, pl. 39, figs. 4, 5.
 1921. *Pearsonia (Pearsonia) kempi* : Gude, *Fauna Brit. India*, Mollusca, **3** : 119.
 2002. *Pearsonia kempi* : Ramakrishna and Mitra, *Rec. zool. Surv. India. Occ. Paper No.*, **196** : 32.
 2007. *Pearsonia kempi* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 112. Zool. Surv. India.

Distribution : India : Arunachal Pradesh, Mizoram.

No subsequent record.

241. *Pearsonia luyorensis* (Godwin-Austen)

1915. *Spiraculum luyorensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 500, pl. 40, fig. 5.
 1921. *Pearsonia (Pearsonia) luyorensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 119.
 2002. *Pearsonia luyorensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

242. *Pearsonia (Pearsonia) mastersi* (Hanley and Theobald)

1870. *Pterocyclos (Spiraculum) mastersi* (Blandford Ms) Hanley and Theobald, *Conch. Ind.*, p. 3. pl. 5. fig. 1.
 1877. *Spiraculum mastersi* : Blandford, *J. Asiat. Soc. Beng.*, **46** : 314.
 1921. *Pearsonia (Pearsonia) mastersi* : Gude, *Fauna Brit. India*, Mollusca, **3** : 120.
 2002. *Pearsonia mastersi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 21.
 2004. *Pearsonia (Pearsonia) mastersi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 85, figs. 47, 48.

Distribution : India : Nagaland.

A very distinct species in which a portion of last whorl gets detached and descends down in front and a half-formed tube-like projection exists at the peristome, in addition to the usual sutural-tube. It closely resembles the genus *Rhiostoma* from Myanmar.

243. *Pearsonia (Pearsonia) minima* (Godwin-Austen)

1915. *Spiraculum minimum* Godwin-Austen, *Rec. Indian Mus.*, **8** : 501, pl. 40, figs. 2.
 1921. *Pearsonia (Pearsonia) minima* : Gude, *Fauna Brit. India*, Mollusca, **3** : 121.
 2002. *Pearsonia minima* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

Godwin-Austen (1915) has thoroughly discussed its affinities and differences with other allied species.

244. *Pearsonia (Pearsonia) nagaensis* (Godwin-Austen and Beddome)

1894. *Spiraculum nagaense* Godwin-Austen and Beddome, *Ann. Mag. nat. Hist.*, (6)13 : 509.
 1911. *Pearsonia nagaensis* : Kobelt *Conch. Cab.*, Cyclophoridae, 2 : 771, pl. 113, figs. 12, 13.
 1921. *Pearsonia (Pearsonia) nagaensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 122.
 2002. *Pearsonia nagaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.

Distribution : India : Nagaland.

245. *Pearsonia (Pearsonia) nevilli* (Godwin-Austen)

1876. *Spiraculum nevilli* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 174, pl. 7. fig. 2.
 1911. *Pearsonia nevilli* : Kobelt, *Conch.-Cab.*, Cyclophoridae, 2 : 771, pl. 112, fig. 1, 2.
 1921. *Pearsonia (Pearsonia) nevilli* : Gude, *Fauna Brit. India*, Mollusca, 3 : 112.
 2002. *Pearsonia nevilli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.

Distribution : India : Arunachal Pradesh.

246. *Pearsonia (Pearsonia) oakesi* (Godwin-Austen)

1915. *Spiraculum oakesi* Godwin-Austen, *Rec. Indian Mus.*, 8 : 496, pl. 39, fig. 3.
 1921. *Pearsonia (Pearsonia) oakesi* : Gude, *Fauna Brit. India*, Mollusca, 3 : 124.
 2002. *Pearsonia oakesi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.
 2005. *Pearsonia (Pearsonia) oakesi* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, 104 (3-4) : 6, pl. 1, figs. 4, 5.

Distribution : India : Arunachal Pradesh.

247. *Pearsonia (Pearsonia) plana* (Godwin-Austen)

1915. *Spiraculum plana* Godwin-Austen, *Rec. Indian Mus.*, 8 : 497, pl. 39, fig. 6.
 1921. *Pearsonia (Pearsonia) plana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 124.
 2002. *Pearsonia plana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.

Distribution : India : Arunachal Pradesh.

248. *Pearsonia (Pearsonia) simplex* (Nevill)

1878. *Pterocyclos (Spiraculum) mastersi* var. *simplex* (?distinct species) Nevill.
 1921. *Pearsonia (pearsonia) simplex* : Gude, *Fauna Brit. India*, Mollusca, 3 : 125.
 2005. *Pearsonia simplex* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 21.

Distribution : India : Nagaland.

249. *Pearsonia (Pearsonia) travancorica* (Blanford)

1880. *Spiraculum travancoricum* (Beddome) Blanford, *J. Asiat. Soc. Beng.*, **49** : 212, pl. 3. fig. 6.
 1913. *Pearsonia travancorica* : Kobelt, *Conch-cab.*, Cyclophoridae, **2** : 973.
 1921. *Pearsonia (Pearsonia) travancorica* : Gude, *Fauna. Brit. India*, Mollusca, **3** : 126.
 2002. *Pearsonia travancorica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 10.

Distribution : India : Kerala.

Distinguished by its more raised spine, free peristome and forwardly directed sutural tube.

Subgenus *Pseudospiraculum* Kobelt, 1902

250. *Pearsonia (Pseudospiraculum) fairbanki* (Blanford)

1869. *Spiraculum fairbanki* Blanford, *J. Asiat. Soc. Beng.*, **38** : 135.
 1921. *Pearsonia (Pseudospiraculum) fairbanki* : Gude, *Fauna Brit. India*, Mollusca, **3** : 127.
 2002. *Pearsonia fairbanki* : Ramakrishna and Mitra, *Rec. zool. Surv. India. Occ. Paper No.*, **196** : 10.
 2004. *Pearsonia (Pearsonia) fairbanki* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 86, fig. 49.

Distribution : India : Kerala.

Family DIPLOMMATINIDAE

Subfamily DIPLOMMATININIAE

Genus *Diplommatina* Benson, 1849

Subgenus *Diplommatina* s. str.

251. *Diplommatina (Diplommatina) acutulua* Godwin-Austen

1918. *Diplommatina acutulua* Godwin-Austen, *Rec. Indian Mus.*, **8** : 577, text-fig. 4c.
 1921. *Diplommatina (Diplommatina) acutulua* : Gude, *Fauna Brit. India*, Mollusca, **3** : 301.
 2002. *Diplommatina acutulua* : Ramakrishna and Mitra, *Rec. zool. Surv. Indian, Occ. Paper No.*, **196** : 32.

Distribution : India : Arunachal Pradesh.

No subsequent record.

252. *Diplommatina (Diplommatina) ambigua* Godwin-Austen

1892. *Diplommatina ambigua* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 513.
 1897. *Diplommatina ambigua* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 8, pl. 64, fig. 2.
 1921. *Diplommatina (Diplommatina) amigua* : Gude, *Fauna, Brit. India*, Mollusca, **3** : 302.
 2002. *Diplommatina ambigua* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Manipur (Burrail Range).

253. *Diplommatina (Diplommatina) austeni* Blanford

1868. *Diplommatina austeni* Blanford, *J. Asiat. Soc. Beng.*, **37** : 5, pl. 3, figs. 2, 2a.
 1876. *Diplommatina austeni* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **45** : 178, pl. 7, fig. 8, 8a.
 1886. *Diplommatina austeni* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 177, pl. 45, figs. 2, 2a.
 1921. *Diplommatina (Diplommatina) austeni* : Gude, *Fauna Brit. India*, Mollusca, **3** : 303.
 1995. *Diplommatina austeni* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 52, pl. 8, fig. 8. Zool. Surv. India.
 2002. *Diplommatina austeni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.

Distribution : India : Arunachal Pradesh, Meghalaya.

254. *Diplommatina (Diplommatina) blanfordiana* Benson

1860. *Diplommatina blanfordiana* Benson, *Ann. Mag. nat. Hist.*, (3) **5** : 460.
 1868. *Diplommatina blanfordiana* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **37** : 83, pl. 83, figs. 8, 8a.
 1886. *Diplommatina blanfordiana* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 169, pl. 49, figs. 10, 10a.
 1921. *Diplommatina (Diplommatina) blanfordiana* : Gude, *Fauna Brit. India*, Mollusca, **3** : 304.
 1992. *Diplommatina blanfordiana* : Thakur, Mitra, and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 82. Zool. Surv. India.

Distribution : India : West Bengal (Darjeeling).

Elsewhere : Bhutan.

Benson (1860) has clearly discussed its differences with *D. pachycheilus* one of its allied species also from Darjeeling.

255. *Diplommatina (Diplommatina) burtii* Godwin-Austen

1875. *Diplommatina burtii* Godwin-Austen, *J. Asiat. Soc. Beng.*, **44**(2) 8, pl. 4, fig. 4.
 1876. *Diplommatina burtii* : Hanley and Theobald, *Conch. Indica*, p. 12.
 1921. *Diplommatina (Diplommatina) burtii* : Gude, *Fauna Brit. India*, Mollusca, **3** : 305
 2002. *Diplommatina burtii* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Assam, (Burrowli river).

256. *Diplommatina (Diplommatina) butleri* Godwin-Austen

1892. *Diplommatina butleri* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 512.
 1897. *Diplommatina butleri* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 6, pl. 64, fig. 9.

1921. *Diplommatina (Diplommatina) butleri* : Gude, *Fauna Brit. India*, Mollusca, **3** : 305.
 2002. *Diplommatina butleri* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.
 2007. *Diplommatina butleri* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 113.
 Zool. Surv. India.

Distribution : India : Manipur, Mizoram, Nagaland.

257. *Diplommatina (Diplommatina) chennelli* Godwin-Austen

1892. *Diplommatina chennelli* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 512.
 1897. *Diplommatina chennelli* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 6.
 1921. *Diplommatina (Diplommatina) chennelli* : Gude, *Fauna Brit. India*, Mollusca, **3** : 306.
 2002. *Diplommatina chennelli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Manipur/Nagaland (Lhota-Naga Hill).

258. *Diplommatina (Diplommatina) commutata* Godwin-Austen

1892. *Diplommatina commutata* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 513.
 1897. *Diplommatina commutata* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 8, pl. 64, fig. 4.
 1921. *Diplommatina (Diplommatina) commutata* : Gude, *Fauna Brit. India*, Mollusca, **3** : 306.
 2002. *Diplommatina commutata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Manipur/Nagaland (Lahupa Naga Hill).

259. *Diplommatina (Diplommatina) convoluta* Godwin-Austen

1875. *Diplommatina convoluta* Godwin-Austen, *J. Asiat. Soc. Beng.*, **44(2)** : 9, pl. 4, figs. 8, 8a, 8b.
 1876. *Diplommatina convoluta* : Hanley and Theobald, *Conch. Indica*, p. 12.
 1921. *Diplommatina (Diplommatina) convoluta* : Gude, *Fauna Brit. India*, Mollusca, **3** : 307.
 2002. *Diplommatina convoluta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Assam/Nagaland (East Burreil) (6000 ft.).

260. *Diplommatina (Diplommatina) costulata* Benson

1849. *Diplommatina costulatum (Carychium costulatum, Hutton Ms.)* Benson, *Ann. Mag. nat. Hist.* (2)**4** : 194.
 1875. *Diplommatina costulatum* : Hanley and Theobald, *Conch. Indica*, pl. 120, figs. 8, 9.
 1921. *Diplommatina (Diplommatina) costulata* : Gude, *Fauna Brit. India*, Mollusca, **3** : 307.
 2002. : *Diplommatina costulata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 22.

Distribution : India : Western Himalaya.

261. *Diplommatina (Diplommatina) daflaensis* Godwin-Austen

1876. *Diplommatina austeni* (large var.) Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 178.
 1886. *Diplommatina daflaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 174, pl. 45, figs. 4, 4a.
 1921. *Diplommatina (Diplommatina) daflaensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 309.
 2002. *Diplommatina daflaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.

Distribution : India : Arunachal Pradesh.

262. *Diplommatina (Diplommatina) decorosa* Godwin-Austen

1892. *Diplommatina decorosa* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 510.
 1897. *Diplommatina decorosa* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 5, pl. 64, fig. 1.
 1921. *Diplommatina (Diplommatina) decorosa* : Gude, *Fauna Brit. India*, Mollusca, **3** : 309.
 2002. *Diplommatina decorosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland, Manipur.

263. *Diplommatina (Diplommatina) depressa* Godwin-Austen

1870. *Diplommatina depressa* Godwin-Austen, *J. Asiat. Soc. Beng.*, **39**(2) : 2, pl.1, fig. 2.
 1875. *Diplommatina depressa* : Hanley and Theobald, *Conch India*, pl. 120, figs. 5, 6.
 1921. *Diplommatina (Diplommatina) depressa* : Gude, *Fauna Brit. Mus.*, Mollusca, **3** : 310.
 1995. *Diplomatina depressa* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 54, pl. 8, fig. 1. *Zool. Surv. India*.
 2002. *Diplommatina depressa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Meghalaya.

264. *Diplommatina (Diplommatina) diplochilus* Benson

1857. *Diplommatina diplocheilus* Benson, *Ann. Mag. nat. Hist.*, (2)**19** : 202.
 1868. *Diplommatina diplocheilus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **37** : 83, pl. 2, figs. 1, 1a.
 1875. *Diplommatina diplocheilus* : Hanley and Theobald, *Conch. Indica*, pl. 2, figs. 1, 1a (p. 55).
 1921. *Diplommatina (Diplommatina) diplochilus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 311.
 1995. *Diplomatina diplochilus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 54, text-fig. 7A. *Zool. Surv. India*.
 2002. *Diplommatina diplochilus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Meghalaya.

This species is widely and abundantly occurring and was also "local on limestone rocks" (Benson, 1857).

265. *Diplommatina (Diplommatina) domuncula* Godwin-Austen

1892. *Diplommatina domuncula* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 518.
 1897. *Diplommatina domuncula* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 15, pl. 66, fig. 8.
 1921. *Diplommatina (Diplommatina) domuncula* : Gude, *Fauna Brit. India*, Mollusca, **3** : 311.
 2002. *Diplommatina domuncula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Arunachal Pradesh/Nagaland (Margarita, Naga Hills).

266. *Diplommatina (Diplommatina) elongata* Godwin-Austen

1875. *Diplommatina tumida* var., Godwin-Austen, *J. Asiat. Soc. Beng.*, **44(2)** : 9, pl. 4, fig. 7.
 1892. *Diplommatina elongata* : Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 511.
 1897. *Diplommatina elongata* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 7, pl. 64, fig. 6.
 1921. *Diplommatina (Diplommatina) elongata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland.

267. *Diplommatina (Diplommatina) fallax* Preston

1914. *Diplommatina fallax* Preston, *Proc. malac. Soc. Lond.*, **11** : 24, text-fig.
 1921. *Diplommatina (Diplommatina) fallax* : Gude, *Fauna Brit. India*, Mollusca. **3** : 314.
 2002. *Diplommatina fallax* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland.

268. *Diplommatina (Diplommatina) folliculus* (Pfeiffer)

1846. *Bulimus folliculus* Pfeiffer, *Symb. Hist. Helic.*, **3** : 83.
 1849. *Diplommatina folliculus* : Benson, *Ann. Mag. nat. Hist.*, (2)**4** : 194.
 1868. *Diplommatina folliculus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **37** : 83, pl. 1, figs. 1, 2 (Shell); pl. 3, figs. 5, 5a (animal).
 2002. *Diplommatina folliculus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.
 2005. *Diplommatina folliculus* : Surya Rao and Mitra, *Fauna of Western Himalaya (Part-2)* : 43.

Distribution : India : Himachal Pradesh, Uttarakhand (Naini-Tal).

269. *Diplommatina (Diplommatina) frumentum* Preston

1914. *Diplommatina frumentum* Preston, *Proc. malac. Soc. Lond.*, **11** : 23, text-fig.
 1921. *Diplommatina (Diplommatina) frumentum* : Gude, *Fauna Brit. India*, Mollusca, **3** : 315.
 2002. *Diplommatina frumentum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 23.

Distribution : India : Nagaland.

270. *Diplommatina (Diplommatina) garoensis* Godwin-Austen

1892. *Diplommatina garoensis* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 511.
 1897. *Diplommatina garoensis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 8, pl. 64, fig. 3, 3a.
 1921. *Diplommatina (Diplommatina) garoensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 315.
 2002. *Diplommatina garoensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Meghalaya.

271. *Diplommatina (Diplommatina) gibberosa* Godwin-Austen

1892. *Diplommatina gibberosa* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 519.
 1897. *Diplommatina gibberosa* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 16, pl. 66, figs. 12-12c.
 1921. *Diplommatina (Diplommatina) gibberosa* : Gude, *Fauna Brit. India*, Mollusca, **3** : 316.
 2002. *Diplommatina gibberosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Assam, also Anghami Naga Hills (Nagaland).

272. *Diplommatina (Diplommatina) gibbosa* Blanford

1868. *Diplommatina gibbosa* Blanford, *J. Asiat. Soc. Beng.*, **37** : 80, pl. 2, figs. 4, 4a, 4b.
 1875. *Diplommatina gibbosa* : Hanley and Theobald, *Conch. Indica*, pl. 120, figs. 1, 4.
 1921. *Diplommatina (Diplommatina) gibbosa* : Gude, *Fauna Brit. India*, Mollusca, **3** : 316.
 1995. *Diplommatina gibbosa* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 54, text-fig. 7B. *Zool. Surv. India*.
 2002. *Diplommatina gibbosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Meghalaya.

This is one of the very few sinistral species of Indian Diplommatinids and considerably differs from others.

273. *Diplommatina (Diplommatina) godwini* Moellendorff

1892. *Diplommatina concinna* (non H. Adams, 1872) Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 519.
 1897. *Diplommatina concinna* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 15, pl. 66, fig. 10.
 1898. *Diplommatina (Eudiplommatina) godwini* Moellendorff (nom. nov.), *Nachr. Deuts. Malak. Ges.*, **30** : 136.
 1921. *Diplommatina (Diplommatina) godwini* : Gude, *Fauna Brit. India*, Mollusca, **3** : 317.
 2002. *Diplommatina godwini* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Assam (Margarita).

274. *Diplommatina (Diplommatina) homei* Godwin-Austen

1876. *Diplommatina homei* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 178, pl. 7, fig. 6.
 1878. *Diplommatina homei* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 287.
 1921. *Diplommatina (Diplommatina) homei* : Gude, *Fauna Brit. India*, Mollusca, **3** : 318.
 2002. *Diplommatina homei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.

Distribution : India : Arunachal Pradesh.

275. *Diplommatina (Diplommatina) huttoni* Pfeiffer

1852. *Diplommatina huttoni* Pfeiffer, *Proc. zool. Soc. Lond.*, **1852** : 157.
 1868. *Diplommatina huttoni* : Blanford, *Ann. Mag. nat. Hist.*, (4)**1** : 110.
 1886. *Diplommatina huttoni* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 170, pl., 45, figs. 7, 7a, 7b.
 1921. *Diplommatina (Diplommatina) huttoni* : Gude, *Fauna Brit. India*, Mollusca, **3** : 319.
 2002. *Diplommatina huttoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : Uttarakhand (Mussouri).

Once in 1867, this species was reported from Trinidad and it was presumed that the same was transported along with living plants as had been the case with a number of land snails like *Bradybaena similaris*, *Gulella bicolor* etc. But Godwin-Austen after examining all the material separated and identified the American species as *D. occidentalis* Godwin-Austen (1886). However, since the genus *Diplommatina* does not occur in American continent it remained a mystery as to which of the Indian species was transported to that part of the globe. Both Blanford (1868) and Gude (1921) discussed this point in details. This happens to be one of the very few Indian sinistral species of *Diplommatina* and also is one of the three species, represented from W. Himalaya. The other two being *D. costulata* Benson and *D. folliculus* (Pfeiffer).

276. *Diplommatina (Diplommatina) jaintiaca* Godwin-Austen

1868. *Diplommatina* n. sp. Godwin-Austen, *J. Asiat. Soc. Beng.*, **37**(2) : 84, pl. 3, figs. 3, 3a, 3b.
 1870. *Diplommatina jaintiaca* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **39**(2) : 4.
 1921. *Diplommatina (Diplommatina) jaintiaca* : Gude, *Fauna Brit. India*, Mollusca, **3** : 320.
 1995. *Diplommatina jaintiaca* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 55, text-fig.7c. *Zool. Surv. India*.
 2002. *Diplommatina jaintiaca* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Meghalaya (4,500 ft.).

This species, in its form and shape is intermediate between dextral and sinistral forms.

277. *Diplommatina (Diplommatina) jatingana* Godwin-Austen

1870. *Diplommatina jatingana* Godwin-Austen, *J. Asiat. Soc. Beng.*, 39(2) : 1, pl. 1, fig. 1.
 1875. *Diplommatina jatingana* : Hanley and Theobald, *Conch. Indica*, pl. 139, fig. 7.
 1897. *Diplommatina jatingana* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 11, pl. 65, figs. 8, 8a.
 1921. *Diplommatina (Diplommatina) jatingana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 320.
 2002. *Diplommatina jatingana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Assam.

278. *Diplommatina (Diplommatina) labiosa* Blanford

1868. *Diplommatina labiosa* Blanford, *J. Asiat. Soc. Beng.* 37 : 80, pl. 2, figs. 3, 3a.
 1875. *Diplommatina labiosa* : Hanley and Theobald, *Conch. Indica*, pl. 119, fig. 9.
 1921. *Diplommatina (Diplommatina) labiosa* : Gude, *Fauna Brit. India*, Mollusca, 3 : 321.
 2002. *Diplommatina labiosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Meghalaya.

Shell this species shows a peculiar formation in its largely developed peristome. The inner peristome being almost divided into two by a groove, the whole lip looks like being triple. (Blanford, 1868).

279. *Diplommatina (Diplommatina) levigata* Godwin-Austen

1876. *Diplommatina levigatus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 179, pl. 7, fig. 7.
 1878. *Diplommatina levigata* : Nevill, *Hand List Moll. Indian Mus.*, 1 : 287.
 1921. *Diplommatina (Diplommatina) levigata* : Gude, *Fauna Brit. India*, Mollusca, 3 : 322.
 2002. *Diplommatina levigata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution : India : Arunachal Pradesh.

The wavy margin and angular expansion on outer lip are its characteristics (Gude, 1921).

280. *Diplommatina (Diplommatina) minima* Beddome

1875. *Diplommatina minima* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 442, pl. 52, figs. 3, 4.
 1886. *Diplommatina minima* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 176, pl. 49, fig. 13.
 1921. *Diplommatina (Diplommatina) minima* : Gude, *Fauna Brit. India*, Mollusca, 3 : 323.
 2002. *Diplommatina minima* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Andhra Pradesh.

281. *Diplommatina (Diplommatina) oligopleuris* Blanford

1868. *Diplommatina obigopleuris* Blanford, *J. Asiat. Soc. Beng.*, **37** : 82, pl. 3, figs. 4-4c.
 1876. *Diplommatina obigopleuris* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : pl., 50, fig. 1.
 1921. *Diplommatina (Diplommatina) oligopleuris* : Gude, *Fauna Brit. India*, Mollusca, **3** : 325.
 1995. *Diplommatina oligopleuris* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 55, text-fig. 7D. Zool. Surv. India.
 2002. *Diplommatina oligopleuris* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Assam, Meghalaya, Nagaland.

282. *Diplommatina (Diplommatina) oviformis* Fulton

1901. *Diplommatina oviformis* Fulton, *Ann. Mag. nat. Hist.*, (7) **8** : 245.
 1921. *Diplommatina (Diplommatina) oviformis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 326, fig. 36.
 2002. *Diplommatina oviformis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : West Bengal (Darjeeling).

283. *Diplommatina (Diplommatina) pachychilus* Benson

1857. *Diplommatina pachycheilus* Benson, *Ann. Mag. nat. Hist.*, (2) **19** : 203.
 1868. *Diplommatina pachycheilus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **37** : 83, pl. fig. 5.
 1921. *Diplommatina (Diplommatina) pachychilus* : Gude, *Fauna Brit. India*, Mollusca, **3** : 327.
 1992. *Diplommatina pachychilus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 82. Zool. Surv. India.
 2002. *Diplommatina pachychilus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 32.

Distribution : India : West Bengal (Darjeeling).

284. *Diplommatina (Diplommatina) parvula* Godwin-Austen

1870. *Diplommatina parvula* Godwin-Austen, *J. Asiat. Soc. Beng.*, **39**(2) : 5, pl. 1, fig. 5, 5a, 5b.
 1875. *Diplommatina parvula* : Hanley and Theobald, *Conch. Indica*, pl. 139, fig. 4.
 1921. *Diplommatina (Diplommatina) parvula* : Gude, *Fauna Brit. India*, Mollusca, **3** : 327.
 1995. *Diplommatina parvula* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 55, text fig. 8c. Zool. Surv. India.
 2002. *Diplommatina parvula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Meghalaya.

285. *Diplommatina (Diplommatina) polypleuris* Benson

1857. *Diplommatina polypleuris* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 203.
1868. *Diplommatina polypleuris* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 37 : 83, pl. 3, fig. 1.
1886. *Diplommatina polypleuris* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 176, pl. 45, figs. 1, 1a.
1921. *Diplommatina (Diplommatina) polypleuris* : Gude, *Fauna Brit. India*, Mollusca, 3 : 328.
1992. *Diplommatina Polypleuris* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 83. Zool. Surv. India.
1995. *Diplommatina polypleuris* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 56, text-fig. 9. Zool. Surv. India.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Sikkim, West Bengal (Darjeeling).

Elsewhere : Myanmar.

286. *Diplommatina (Diplommatina) pullula* Benson

1859. *Diplommatina pullula* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 182.
1886. *Diplommatina pullula* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 170, pl. 49, fig. 12.
1992. *Diplommatina pullula* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 83. Zool. Surv. India.
1921. *Diplommatina (Diplommatina) pullula* : Gude, *Fauna Brit. India*, Mollusca. 3 : 328.
2002. *Diplommatina pullula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.
2004. *Diplommatina (Diplommatina) pullula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 88, Text-fig. 22.

Distribution : India : West Bengal (Darjeeling).

Benson (1859) discussed its relationship with its allied species from the North India.

287. *Diplommatina (Diplommatina) regularis* Fulton

1901. *Diplommatina regularis* Fulton, *Ann. Mag. nat. Hist.*, (7)8 : 245.
1921. *Diplommatina (Diplommatina) regularis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 330, Fig. 37.
2002. *Diplommatina regularis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.

Distribution : India : West Bengal (Darjeeling).

288. *Diplommatina (Diplommatina) saltuensis* Godwin-Austen

1886. *Diplommatina saltuense* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 178, pl. 45, figs. 6, 6a.

1921. *Diplommatina (Diplommatina) saltuense* : Gude, *Fauna Brit. India*, Mollusca, 3 : 331.
 2002. *Diplommatina saltuensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Assam (Jatinga).

289. *Diplommatina (Diplommatina) scalaria* Blanford

1868. *Diplommatina scalaria* Blanford, *J. Asiat. Soc. Beng.*, 37(2) : 79, pl. 2, fig. 2.
 1875. *Diplommatina scalaria* : Hanley and Theobald, *Indica*, p. 55 (*Scalaris*), pl. 139, figs. 2, 3.
 1921. *Diplommatina (Diplommatina) scalaria* : Gude, *Fauna Brit. India*, Mollusca, 3 : 332.
 1995. *Diplommatina scalaria* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : pl. 8, fig. 6. *Zool. Surv. India*.
 2002. *Diplommatina scalaria* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Meghalaya.

290. *Diplommatina (Diplommatina) semisculpta* Blanford

1868. *Diplommatina semisculpta* Blanford, *J. Asiat. Soc. Beng.*, 37(2) : 78, pl. 1, fig. 6.
 1876. *Diplommatina semisculpta* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 178.
 1921. *Diplommatina (Diplommatina) semisculpta* : Gude, *Fauna Brit. India*, Mollusca, 3 : 333.
 1992. *Diplommatina semisculpta* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 83. *Zool. Surv. India*.
 2002. *Diplommatina semisculpta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 32.
 2004. *Diplommatina (Diplommatina) semisculpta* : Mitra, Dey and Ramakrishna, *Pictorial Handbook-Indian Land Snails*, *Zool. Surv. India*, p. 89, fig. 50.

Distribution : India : Arunachal Pradesh, Sikkim, West Bengal (Darjeeling).

291. *Diplommatina (Diplommatina) sherfaiensis* Godwin-Austen

1870. *Diplommatina sherfaiensis* Godwin-Austen, *J. Asiat. Soc. Beng.*, 39(2) : 3, pl. 1, fig. 3.
 1875. *Diplommatina sherfaiensis* : Hanley and Theobald, *Conch. Indica*, pl. 119, fig. 8.
 1921. *Diplommatina (Diplommatina) sherfaiensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 334.
 2002. *Diplommatina sherfaiensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Assam (5,500 ft.).

292. *Diplommatina (Diplommatina) silvicola* Godwin-Austen

1886. *Diplommatina silvicola* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 178, pl. 45, figs. 3, 3a.
 1921. *Diplommatina (Diplommatina) silvicola* : Gude, *Fauna Brit. India*, Mollusca, 3 : 335.

2002. *Diplommatina silvicola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Assam (5,127 ft.).

Collected from dense lofty forest of the highest part of the North Cachar Hills (Godwin-Austen 1886).

293. *Diplommatina (Diplommatina) succinaa* Godwin-Austen

1892. *Diplommatina succinea* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 519.

1897. *Diplommatina succinea* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 15, fig. 9 pl. 66.

1921. *Diplommatina (Diplommatina) succinea* : Gude, *Fauna Brit. India, Mollusca*, **3** : 336.

2002. *Diplommatina succinea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : (Aughami Naga Hills? Assam/Nagaland).

294. *Diplommatina (Diplommatina) theobaldi* Godwin-Austen

1886. *Diplommatina theobaldi* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 174, pl. 49, figs. 11, 11a.

1921. *Diplommatina (Diplommatina) theobaldi* : Gude, *Fauna Brit. India, Mollusca*, **3** : 336.

2002. *Diplommatina theobaldi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.

Distribution : India : West Bengal (Darjeeling).

D. theobaldi is the only sinistral species of the genus from Darjeeling.

295. *Diplommatina (Diplommatina) tumida* Godwin-Austen

1870. *Diplommatina tumida* Godwin-Austen, *J. Asiat. Soc. Beng.*, **39(2)** : 6, pl. 2, fig. 2.

1875. *Diplommatina tumida* : Hanley and Theobald, *Conch. India*, pl. 139, fig. 1.

1921. *Diplommatina (Diplommatina) tumida* : Gude, *Fauna Brit. India, Mollusca*, **3** : 337.

1995. *Diplommatina tumida* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4(part 8)** : 56, pl. 8, fig. 7. *Zool. Surv. India*.

2002. *Diplommatina tumida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Assam.

Godwin-Austen separated two varieties *abdita* and *laisenensis* from Naga Hills and Manipur respectively.

296. *Diplommatina (Diplommatina) ungulata* Blanford

1871. *Diplommatina ungulata* Blanford, *J. Asiat. Soc. Beng.*, **40** : pl. 42, figs. 5, 5a.

1875. *Diplommatina ungulata* : Hanley and Theobald, *Conch. India*, pl. 120, fig. 10.

1921. *Diplommatina (Diplommatina) ungulata* : Gude, *Fauna Brit. India*, Mollusca, **3** : 338.
 1992. *Diplommatina ungulata* : Mitra, Thakur and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 84. Zool. Surv. India.
 2002. *Diplommatina ungulata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.

Distribution : India : West Bengal (Darjeeling).

The angular outward projection of the peristome above, on the right, is an unique feature shown by this species.

297. *Diplommatina (Diplommatina) venustula* Godwin-Austen

1892. *Diplommatina venustula* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 518.
 1897. *Diplommatina venustula* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 14, pl. 66, figs. 7, 7a.
 1921. *Diplommatina (Diplommatina) venustula* : Gude, *Fauna Brit. India*, Mollusca, **3** : 339.
 2002. *Diplommatina venustula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Nagaland.

Subgenus *Metadiancta* Moellendorff, 1898

298. *Diplommatina (Metadiancta) compacta* Godwin-Austen

1892. *Diplommatina compacta* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 515.
 1897. *Diplommatina compacta* : Godwin-Austen, *Land and Freshwater Moll. India*, pl. 11, pl. 65, figs. 7, 7a, 7b.
 1921. *Diplommatina (Metadiancta) compacta* : Gude, *Fauna Brit. India*, Mollusca, **3** : 340.
 2002. *Diplommatina compacta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Manipur.

299. *Diplommatina (Metadiancta) distincta* Godwin-Austen

1892. *Diplommatina distincta* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 514.
 1897. *Diplommatina distincta* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 10, pl. 65, figs. 4, 4a, 4b.
 1921. *Diplommatina (Metadiancta) distincta* : Gude, *Fauna Brit. India*, Moll., **3** : 340.
 2002. *Diplommatina distincta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Nagaland.

300. *Diplommatina (Metadiancta) dohertyi* Godwin-Austen

1892. *Diplommatina dohertyi* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 513.

1897. *Diplommatina dohertyi* : Godwin-Austen, *Land and Freshwater Moll. India*, pl. 65, figs. 1, 1a.
 1921. *Diplommatina (Metadiancta) dohertyi* : Gude, *Fauna Brit. India*, Mollusca, 3 : 341.
 2002. *Diplommatina dohertyi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Arunachal Pradesh.

301. *Diplommatina (Metadiancta) japvoensis* Godwin-Austen

1875. *Diplommatina sherfaiensis* var. Godwin-Austen, *J. Asiat. Soc. Beng.*, 44(2) : 9, pl. 4, fig. 5.
 1881. *Diplommatina japvoensis* Nevill, *J. Asiat. Soc. Beng.*, 50(2) : 150 (nom. nud.).
 1892. *Diplommatina japvoensis* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 12, pl. 66, figs. 11, 11a.
 1921. *Diplommatina (Metadiancta) japvoensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 341.
 2002. *Diplommatina japvoensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Nagaland. (10,000 ft.).

302. *Diplommatina (Metadiancta) khunhoensis* Godwin-Austen

1892. *Diplommatina khunhoensis* Godwin-Austen, *Proc. zool. Soc.*, Lond., 1892 : 515.
 1897. *Diplommatina khunhoensis* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 10, pl. 65, figs. 10, 10a.
 1921. *Diplommatina (Metadiancta) khunhoensis* : Gude, *Fauna Brit. India*, Moll., 3 : 341.
 2002. *Diplommatina khunhoensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Naga Hills (8809 ft.).

303. *Diplommatina (Metadiancta) lapillus* Godwin-Austen

1892. *Diplommatina lapillus* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1892 : 515.
 1897. *Diplommatina lapillus* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 11, pl. 65, figs. 6, 6a.
 1921. *Diplommatina (Metadiancta) lapillus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 342.

Distribution : India : (8375 ft.) Lahupa-Naga Hills, North of Burreil range Nagaland/ Manipur/ Myanmar.

304. *Diplommatina (Metadiancta) mirensis* Godwin-Austen

1917. *Diplommatina mirensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 577, text-fig. 40.
 1921. *Diplommatina (Metadiancta) mirensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 342.
 2002. *Diplommatina mirensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution : India : Arunachal Pradesh.

305. *Diplommatina (Metadiancta) mucronata* Godwin-Austen

1917. *Diplommatina mucronata* Godwin-Austen, *Rec. Indian Mus.*, **8** : 576, text-fig. 4B.
 1921. *Diplommatina (Metadiancta) mucronata* : Gude, *Fauna Brit. India*, Mollusca, **3** : 343.
 2002. *Diplommatina mucronata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.

Distribution : India : (Tsanspu Valley, Assam).

306. *Diplommatina (Metadiancta) nengloensis* Godwin-Austen

1892. *Diplommatina nengloensis* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 514.
 1897. *Diplommatina nengloensis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 10, pl. 65, figs. 3, 3a.
 1921. *Diplommatina (Metadiancta) nengloensis* : *Fauna Brit. India*, Mollusca, **3** : 343.
 2002. *Diplommatina nengloensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Assam.

307. *Diplommatina (Metadianca) perobesa* Preston

1915. *Diplommatina perobesa* Preston, *Rec. Indian Mus.*, **8** : 540, text-fig. 5.
 1918. *Diplommatina perobesa* : Godwin-Austen, *Rec. Indian Mus.*, **8** : 576, text-figs. 5, 5a.
 1921. *Diplommatina (Metadiancta) perobesa* : *Fauna Brit. India*, Mollusca, **3** : 343.
 2002. *Diplommatina perobesa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.
 2004. *Diplommatina (Metadoamcta) perobesa* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 90. figs. 51, 52.

Distribution : India : Arunachal Pradesh (2000 ft.).

308. *Diplommatina (Metadiancta) thomsoni* Godwin-Austen

1892. *Diplommatina thomsoni* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 514.
 1897. *Diplommatina thomsoni* : Godwin-Austen, *Land and Freshwater Moll. India*, pl. 65, figs. 2, 2a.
 1921. *Diplommatina (Metadiancta) thomsoni* : Gude, *Fauna. Brit. India*, Moll. **3** : 344.

Distribution : India (South Burreil).

Eisewhere : Myanmar.

Subgenus *Sinica* Moellendorff, 1885

309. *Diplommatina (Sinica) animula* Godwin-Austen

1892. *Diplommatina animula* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 516.
 1897. *Diplommatina animula* : Godwin Austen, *Land and Freshwater Moll. India*, **2** : 12, pl. 66, fig. 2.

1921. *Diplommatina (Sinica) animula* : Gude, *Fauna Brit. India*, Mollusca, 3 : 345.

2002. *Diplommatina animula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Manipur.

310. *Diplommatina (Sinica) canarica* Beddome

1875. *Diplommatina canarica* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 442, pl. 52, fig. 1.

1886. *Diplommatina canarica* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 175, pl. 46, figs. 3, 3a.

1921. *Diplommatina (Sinica) canarica* : Gude, *Fauna Brit. India*, Mollusca, 3 : 343.

2002. *Diplommatina canarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12.

Distribution : India : (North Canara? Karnataka /Maharashtra).

311. *Diplommatina (Sinica) carneola* (Stolizka)

1871. *Diplommatina carneola* Stoliczka, *J. Asiat. Soc. Beng.*, 40(2) : 152, pl. 6, figs. 3, 3a, 3b.

1875. *Diplommatina carneola* : Hanley and Theobald, *Conch. Indica*, pl. 140, fig. 4.

1886. *Diplommatina carneola* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 182, pl. 49, figs. 8, 8a.

1921. *Diplommatina (Sinica) carneola* : Gude, *Fauna Brit. India*, Mollusca, 3 : 346..

2004. *Diplommatina (Sinica) carneola* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 91, text-figs. 23a, 23b.

Distribution : India : Manipur.

Elsewhere : Myanmar.

312. *Diplommatina (Sinica) delicata* Godwin-Austen

1892. *Diplommatina delicata* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1892 : 517.

1897. *Diplommatina delicata* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 13, pl. 66, fig. 5.

1921. *Diplommatina (Sinica) delicata* : Gude, *Fauna Brit. India*, Mollusca, 3 : 346.

2002. *Diplommatina delicata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Nagaland.

313. *Diplommatina (Sinica) gracilis* Beddome

1875. *Diplommatina gracilis* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 442., pl. 52, fig. 2.

1876. *Diplommatina gracilis* : Hanley and Theobald, *Conch. India*, pl. xii.

1886. *Diplommatina gracilis* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 175, pl. 46, figs. 1, 1a, 1b.

1921. *Diplommatina (Sinica) gracilis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 347.

2002. *Diplommatina gracilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 11.

Distribution : India : Andhra Pradesh, Orissa (Jeypore Hills).

Specimens from Jeypore Hills studied by Godwin-Austen differed from the others being sharply sinuate at the right margin of peristome which he separately figured as a variety (1886, pl. 46, fig. 2).

314. *Diplommatina (Sinica) subrubella* Godwin-Austen

1842. *Diplommatina subrubella* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1842** : 517.

1897. *Diplommatina subrubella* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 13, pl. 66, figs. 3, 3a.

1921. *Diplommatina (Sinica) subrubella* : Gude, *Fauna Brit. India, Mollusca*, **3** : 347.

2002. *Diplommatina subrubella* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Nagaland (10,000 ft.)

315. *Diplommatina (Sinica) subtilis* Godwin-Austen

1892. *Diplommatina subtilis* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 517.

1897. *Diplomatina subtilis* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 13, pl. 66, figs. 4, 4a.

1921. *Diplommatina (sinica) subtilis* : Gude, *Fauna Brit. India, Mollusca*, **3** : 348.

2002. *Diplommatina subtilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Assam (Margarita).

316. *Diplommatina (Sinica) unicrenata* Godwin-Austen

1892. *Diplommatina unicrenata* Godwin-Austen, *Proc. zool. Soc. Lond.*, **1892** : 516.

1893. *Diplommatina unicrenata* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 13, pl. 66, figs. 4, 4a.

1921. *Diplommatina (Sinica) unicrenata* : Gude, *Fauna Brit. India, Mollusca*, **3** : 348.

2002. *Diplommatina unicrenata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 24.

Distribution : India : Nagaland.

Genus *Gastroptychia* Kobelt and Moellendorff, 1900

317. *Gastroptychia insignis* (Godwin-Austen)

1870. *Diplommatina insignis* Godwin-Austen, *J. Asiat. Soc. Beng.*, **39**(2) : 6, pl. 2, fig. 1.

1886. *Diplommatina insignis* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 168, pl. 50, figs. 3, 5, 6, 9.

1921. *Gastroptychia insignis* : Gude, *Fauna Brit. India, Mollusca*, **3** : 349, fig. 38.

1995. *Gastroptychia insignis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 58, pl. 8, figs. 2, 3. Zool. Surv. India.
2002. *Gastroptychia insignis* : Ramakrishnan and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45, pl. 13, figs. 1 and 2.
2004. *Gastroptychia insignis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 92, figs. 92, 93.

Distribution : India : Meghalaya, Nagaland (3000 ft.).

Genus *Nicida* W. Blanford, 1868

318. *Nicida anamullayana* Beddome

1875. *Diplommatina (Nicida) anamullayana* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 443, pl. 52, figs. 5,6.
1876. *Diplommatina anamullayana* : Hanley and Theobald, *Conch. Indica*, p.12.
1921. *Nicida anamullayana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 290.
2002. *Nicida anamullayana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Tamil Nadu (Anamullayas).

319. *Nicida fairbanki* Blanford

1868. *Diplommatina (Nicida) fairbanki* Blanford, *J. Conchyl.*, 16 : 335, pl. 14, fig. 4.
1876. *Diplommatina fairbanki* : Hanley and Theobald, *Conch. Indica*, P. 56, pl. 141, fig. 9.
1921. *Nicida fairbanki* : Gude, *Fauna Brit. India*, Mollusca, 3 : 291.
2002. *Nicida fairbanki* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Kerala (5000 ft.).

Largest of all Indian species of the genus known.

320. *Nicida kingiana* Blanford

1861. *Diplommatina kingiana* Blanford, *J. Asiat. Soc. Beng.*, 30 : 348, pl. 1, fig. 2.
1868. *Diplommatina (Nicida) kingiana* : Blanford, *J. Conch.*, 16 : 333.
1981. *Nicida kingiana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 292.
2002. *Nicida kingiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : Tamil Nadu.

321. *Nicida liricincta* Blanford

1868. *Diplommatina (Nicida) liricincta* Blanford, *J. Conchyl.*, 16 : 336, pl. 14, fig. 5.
1876. *Diplommatina liricincta* : Hanley and Theobald, *Conch. Indica*, pl. 141, fig. 2.

1921. *Nicida liricincta* : Gude, *Fauna Brit. India*, Mollusca, 3 : 293.
 2002. *Nicida liricincta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Western Ghat (Maharashtra) (2000 ft.) (Khandlla).

322. *Nicida nilgirica* (Blanford)

1860. *Diplommatina nilgirica* Blanford, *J. Asiat. Soc., Beng.*, 29 : 124.
 1876. *Diplommatina nilgirica* : Hanley and Theobald, *Conch. Indica*, pl. 141, fig. 4.
 1868. *Diplommatina (Nicida) nilgirica* : Blandford, *J. Conchyl.*, 16 : 332, pl. 14, fig. 1.
 1921. *Nicida nilgirica* : Gude, *Fauna Brit. India*, Mollusca, 3 : 293.
 2002. *Nicida nilgirica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Tamil Nadu.

A strong and well-marked ridge around the umbilicus makes it a distinct among all the Indian species. The perfect smoothness of the shell is also distinctive.

323. *Nicida nitidula* (Blanford)

1868. *Diplommatina nitidula* Blanford, *J. Conchyl.*, 16 : 334, pl. 14, fig. 3.
 1876. *Diplommatina nitidula* : Hanley and Theobald, *Conch. Indica*, pl. 141, fig. 5.
 1921. *Nicida nitidula* : Gude, *Fauna Brit. India*, Mollusca, 3 : 294.
 2002. *Nicida nitidula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Kerala (4000 ft.).

324. *Nicida pulneyana* Blanford

1868. *Diplommatina (Nicida) pulneyana* Blanford, *J. Conchyl.*, 16 : 333, pl. 14, fig. 2.
 1876. *Diplommatina pulneyana* : Hanley and Theobald, *Conch. Indica*, pl. 141, fig. 3.
 1921. *Nicida pulneyana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 295.
 2002. *Nicida pulneyana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.
 2004. *Nicida pulneyana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 94, fig. 24, a, b.

Distribution : India : Kerala (7000 ft.).

325. *Nicida subovata* Beddome

1875. *Diplommatina (Nicida) subovata* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 443, pl. 52, fig. 7.
 1876. *Diplommatina subovata* : Hanley and Theobald, *Conch. Indica*, p. 12.
 1921. *Nicida subovata* : Gude, *Fauna Brit. India*, Mollusca, 3 : 295.

2002. *Nicida subovata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.
 2004. *Nicida subovata* : Mitra, Dey and Ramakrishna : *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, pl. 94, fig. 25, a, b.

Distribution : India : Karnataka.

Genus *Opisthostoma* Blanford, 1861

326. *Opisthostoma deccanense* Beddome

1875. *Opisthostoma deccanense* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 444, pl. 52, figs. 10, 11.
 1876. *Opisthostoma deccanense* : Theobald, *Cat. Shells Brit. India*, p. 43.
 1921. *Opisthostoma deccanense* : Gude, *Fauna Brit. India*, Mollusca, 3 : 296.
 2002. *Opisthostoma deccanense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Andhra Pradesh, Tamil Nadu (Nallamallay Hills, Shivaghery Hills).

327. *Opisthostoma distortum* Beddome

1875. *Opisthostoma distortum* Beddome, *Proc. zool. Soc. Lond.*, 1875 : 445.
 1921. *Opisthostoma distortum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 297.
 2002. *Opisthostoma distortum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.
 2005. *Opisthostoma distortum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 95, text-figs. 26a, 26b.
 2004. *Opisthostoma distortum* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 223. Zool. Surv. India.

Distribution : India : Andhra Pradesh (3000 ft.).

328. *Opisthostoma fairbanki* Blanford

1866. *Opisthostoma fairbanki* Blanford, *Proc. zool. Soc. Lond.*, 1866 : 448., pl. 38, fig. 14.
 1869. *Opisthostoma fairbanki* : Blanford, *J. Asiat. Soc. Beng.*, 38 : 140, pl. 16, figs. 6, 6a.
 1875. *Opisthostoma fairbanki* : Hanley and Theobald, *Conch. Indica*, pl. 117, fig. 8.
 1921. *Opisthostoma fairbanki* : Gude, *Fauna Brit. India*, Mollusca, 3 : 298.
 2002. *Opisthostoma fairbanki* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Maharashtra (Western Ghats).

329. *Opisthostoma macrostoma* Blanford

1869. *Opisthostoma macrostoma* (Beddome Ms.) Blanford, *J. Asiat. Soc. Beng.*, 38 : 139, pl. 16, fig. 7.
 1875. *Opisthostoma macrostoma* : Hanley and Theobald, *Conch. Indica*, pl. 117, fig. 9.

1921. *Opisthostoma macrostoma* : Gude, *Fauna Brit. India*, Mollusca, 3 : 299.
 2002. *Opisthostoma macrostoma* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.
 2004. *Opisthostoma macrostoma* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 96, fig. 56, text-fig. 11a.

Distribution : India : Kerala.

330. *Opisthostoma nilgircum* Blanford

1860. *Opisthostoma nilgircum* Blanford, *J. Asiat. Soc. Beng.*, 29 : 121, pl. 1, figs. 1-5.
 1866. *Opisthostoma nilgircum* : Blanford, *Proc. zool. Soc. Lond.*, 1866 : 449, pl. 38, fig. 13.
 1875. *Opisthostoma nilgircum* : Hanley and Theobald, *Conch. Indica*, pl. 117, fig. 10.
 1921. *Opisthostoma nilgircum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 300.
 2002. *Opisthostoma nilgircum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 11.

Distribution : India : Tamil Nadu.

Genus *Palaina* Semper, 1865

331. *Palaina nicobarica* (Godwin-Austen)

1878. *Diplommatina carreola* var. (? distinct species) Nevill, *Hand List Moll. Indian Mus.*, 1 : 284 (part).
 1886. *Diplommatina nicobarica*. Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 185, pl. 46, figs. 7, 7a.
 1921. *Diplommatina nicobarica* : Gude, *Fauna Brit. India*, Mollusca, 3 : 324.
 1991. *Palaina nicobarica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 28, pl. 4, fig. 2.
 2002. *Palaina nicobarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4, pl. 4, fig. 2.
 2005. *Palaina nicobarica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 93, fig. 55.

Distribution : India : Nicobar Islands.

Family PUPINIDAE

Subfamily PUPININAE

Genus *Pupina* Vignard, 1829

Subgenus *Tylotoechus* Kobelt and Moellendorff, 1897

332. *Pupina (Tylotoechus) imbricifera* Benson

1856. *Pupina imbricifera* Benson, *Ann. Mag. nat. Hist.*, (2)17 : 230.
 1870. *Pupina imbricifera* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 39 : pl. 2, fig. 8.

1870. *Pupina imbricifera* : Hanley and Theobald, *Conch. Ind.*, pl. 7, fig. 7.
1921. *Pupina (Tylotoechus) imbricifera* : Gude, *Fauna Brit. India*, Mollusca, 3 : 195.
1995. *Pupina imbricifera* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 51, pl. 7, figs. 2, 3. Zool. Surv. India.
2004. *Pupina (Tylotoechus) imbricifera* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 99, pl. 59.

Distribution : India : Meghalaya.

Elsewhere : Bangladesh.

333. *Pupina (Tylotoechus) nicobarica* Pfeiffer

1852. *Pupina (Registoma) nicobarica* Pfeiffer, *Proc. zool. Soc. Lond.*, 1852 : 145.
1897. *Pupina nicobarica* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 42.
1921. *Pupina (Tylotoechus) nicobarica* : Gude, *Fauna Brit. India*, Mollusca, 3 : 196.
1991. *Pupina (Tylotoechus) nicobarica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 27, pl. 4, fig. 1.
2002. *Pupina nicobarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4, pl. 4, figs. 1, 3.
2004. *Pupina (Tylotoechus) nicobarica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 99, fig. 59.

Distribution : India : Nicobar Islands.

P. nicobarica differs from the other species, being smaller with less number of whorls, being less convex in shape and also in the peristome being single.

Genus *Nodopomatias* Gude, 1921

334. *Nodopomatias oakesi* (Godwin-Austen)

1917. *Eupomatias oakesi* Godwin-Austen, *Rec. Indian Mus.*, 8 : 580, test figs., 5D, 6B.
1921. *Nodopomatias oakesi* : Gude, *Fauna Brit. India*, Mollusca, 3 : 161.
2004. *Nodopomatias oakesi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 100, fig. 27.

Distribution : India : Arunachal Pradesh.

No subsequent record.

335. *Nodopomatias sibbumensis* (Godwin-Austen)

1917. *Eupomatias sibbumensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 579, text-figs. 5C, 6A.
1921. *Nodopomatias sibbumensis* : Gude, *Fauna Brit India*, Mollusca, 3 : 162.

2002. *Nodopomatias sibbumensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.
 2004. *Nodopomatias sibbumensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 101, fig., 28.

Distribution : India : Arunachal Pradesh.

No subsequent record.

Gude (1921) proposed the new generic name *Nodopomatias*, to accommodate this two species, in view of the strong knotted appearance of the basal keel.

Genus *Pseudopomatias* Moellendorff, 1885

336. *Pseudopomatias grandis* (Godwin-Austen)

1876. *Pomatias grandis* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 181, pl. 7, fig. 13.
 1886. *Pseudopomatias grandis* : Moellendorff, *Jahrb. Deuts. Malak. Ges.*, **13** : 179.
 1921. *Pseudopomatias grandis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 158.
 2002. *Pseudopomatias grandis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, **196** : 45.

Distribution : India : Arunachal Pradesh.

Shell in this species differs from others in being unusually large, weakly sculptured and also in lacking a small peristomal notch.

337. *Pseudopomatias himalayae* (Benson)

1859. *Pomatias himalayae* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 123.
 1876. *Pomatias himalayae* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 181.
 1917. *Pseudopomatias himalayae* : Godwin-Austen, *Rec. Indian Mus.*, **8** : 579.
 1921. *Pseudopomatias himalayae* : Gude, *Fauna Brit. India*, Mollusca, **3** : 159.
 1992. *Pseudopomatias himalayae* : Thakur, Mitra and Maitra, *State Fauna Series*, 3(part 9) : 86. Zool. Surv. India.
 2002. *Pseudopomatias himalayae* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 33.

Distribution : India : Arunachal Pradesh, West Bengal (Darjeeling, 7000 ft.)

338. *Pseudopomatias luyorensis* Godwin-Austen

1917. *Pseudopomatias luyorensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 578, text-fig. 5B.
 1921. *Pseudopomatias luyorensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 159.
 2004. *Pseudopomatias luyorensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 102, fig. 29.

Distribution : India : Arunachal Pradesh.

No subsequent record.

339. *Pseudopomatias pleurophorus* (Benson)

1857. *Bulimus pleurophorus* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 329.
 1870. *Pomatias pleurophorus* : Hanley and Theobald, *Conch. Ind.*, pl. 7, fig. 10.
 1876. *Pomatias pleurophorus* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 181.
 1921. *Pseudopomatias pleurophorus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 160.
 2002. *Pseudopomatias pleurophorus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Meghalaya (Khasi Hills).

340. *Pseudopomatias siyomensis* Godwin-Austen

1917. *Pseudopomatias siyomensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 578, text-figs. 5A, 6c.
 1921. *Pseudopomatias siyomensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 160.

Distribution : India : Arunachal Pradesh.

No subsequent record.

Genus *Raphaulus* Pfeiffer, 1856341. *Raphaulus aborensis* Godwin-Austen

1917. *Raphaulus aborensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 571, text-fig. 2C.
 1921. *Rhaphaulus aborensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 163.
 2002. *Raphaulus aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.
 2004. *Raphaulus aborensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 103, figs. 61, 62.

Distribution : India : Arunachal Pradesh.

No subsequent record.

342. *Raphaulus assamicus* Godwin-Austen

1886. *Rhaphaulus assamica* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 201, pl. 47, figs. 2, 2a, 2b.
 1927. *Rhaphaulus assamica* : Godwin-Austen, *Rec. Indian Mus.*, 8 : 570, text fig. 1A.
 1921. *Rhaphaulus assamicus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 162.
 2002. *Raphaulus assamicus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.
 2004. *Raphaulus assamicus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 104, figs. 63, 64.

Distribution : India : Arunachal Pradesh, Assam, Sikkim.

343. *Raphaulus blanfordi* (Benson)

1857. *Streptaulus blanfordi* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 201.
 1876. *Streptaulus blanfordi* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 179, pl. 8A, fig. 2.
 1886. *Rhaphaulus blanfordi* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 202, pl. 47, fig. 4.
 1921. *Rhaphaulus blanfordi* : Gude, *Fauna Brit. India*, Mollusca, 3 : 164.
 1992. *Rhaphaulus blanfordi* : Tharkur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(Part 9) : 85. Zool. Surv. India.
 2002. *Raphaulus blanfordi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution : India : Arunachal Pradesh, W. Bengal (Darjeeling) (1000-4000 ft).

Based on the formation and position of the internal tube, three different varieties of the species were recognised by Godwin-Austen. These were var. *intubus* (Godwin-Austen, 1876), var. *tubulus* (Godwin-Austen, 1876) from Dafla Hills, Arunachal Pradesh and var. *tortuosa* (Godwin-Austen, 1886) from W Bhutan Hills.

344. *Raphaulus luyorensis* (Godwin-Austen)

1917. *Streptaulus luyorensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 573.
 1921. *Rhaphaulus luyorensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 166.
 2002. *Raphaulus luyorensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution India : Arunachal Pradesh. (Luyor valley).

No subsequent record.

345. *Raphaulus miriensis* (Godwin-Austen)

1917. *Streptaulus miriensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 573.
 1921. *Rhaphaulus miiensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 167.
 2002. *Raphaulus miriensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution : India : Arunachal Pradesh.

No subsequent record.

346. *Raphaulus oakesi* Godwin-Austen

1917. *Raphaulus oakesi* Godwin-Austen, *Rec. Indian Mus.*, 8 : 572, text-fig. 2D.
 1921. *Rhaphaulus oakesi* : Gude, *Fauna Brit. India*, Mollusca, 3 : 167.
 2002. *Raphaulus oakesi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution : India : Arunachal Pradesh.

No subsequent record.

347. *Raphaulus shimangensis* Godwin-Austen

1917. *Raphaulus shimangensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 573, fig. 2E.

1921. *Rhaphaulus shimangensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 168.

2002. *Raphaulus shimangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution : India : Arunachal Pradesh (Shimang valley).

No subsequent record.

348. *Raphaulus yamneyensis* Godwin-Austen

1917. *Raphaulus yamneyensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 571, fig. 1B.

1921. *Rhaphaulus yamneyensis* : Gude, *Fauna Brit. India*, Mollusca, 3 : 168.

2002. *Raphaulus yamneyensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

Distribution : India : Arunachal Pradesh (Yamne valley).

No subsequent record.

Genus *Schistoloma* Kobelt, 1902349. *Schistoloma funiculatum* (Sowerby)

1850. *Cyclostoma funiculatum* Sowerby, *Thes. Conch.*, 1 : 166, pl. 31 b, figs. 316, 317.

1921. *Schistoloma funiculatum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 169, text-fig. 25.

1992. *Schistoloma funiculatum* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series* 3(Part 9) : 85. *Zool. Surv. India*.

1995. *Schistoloma funiculatum* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 51, pl. 7, figs. 5, 6. *Zool. Surv. India*.

2002. *Schistoloma funiculatum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.

2004. *Schistoloma funiculatum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 105, figs. 65, 66.

Distribution : India : Meghalaya, West Bengal (Darjeeling).

350. *Schistoloma tanychilum* (Godwin-Austen)

1876. *Megalomastoma tanycheilus* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 180, pl. 7, fig. 5.

1878. *Megalomastoma (Coptocheilus) tanycheilus* : Nevill, *Hand List Moll. Indian Mus.* 1 : 296.

1921. *Schistoloma tanychilum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 171.

2002. *Schistoloma tanychilum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 33.

2004. *Schistoloma tanychilum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, 2001, *Zool. Surv. India*, p. 106, figs. 67, 68.

Distribution : India : Arunachal Pradesh. (Dikrang valley, Dafla Hills).

Genus *Tortulosa* Gray, 1847Subgenus *Tortulosa* s. str.351. *Tortulosa (Tortulosa) tortuosa* (Beck)

1837. *Urocoptis tortuosa* Beck, *Index Moll.*, p. 83.
 1869. *Megalomastoma tortuosa* : Blanford, *J. Asiat. Soc. Beng.*, **38** : 138.
 1921. *Tortulosa (Tortulosa) tortuosa* : Gude, *Fauna Brit. India*, Mollusca, **3** : 190.
 2002. *Tortulosa tortuosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 12.
 2004. *Tortulosa (Tortulosa) tortuosa* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, P. 107, figs. 69, 70.

Distribution India : Kerala (2500 ft.) (Travancore).

Subgenus *Eucataulus* Kobelt, 1902352. *Tortulosa (Eucataulus) albescens* Blanford

1880. *Cataulus albescens* Blanford, *J. Asiat. Soc. Beng.*, **49** : 214.
 1921. *Tortulosa (Eucataulus) albescens* : Gude, *Fauna Brit. India*, Mollusca, **3** : 172, text-fig. 26.
 2002. *Tortulosa albescens* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 12.
 2004. *Tortulosa (Eucataulus) albescens* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 108, figs. 71, 72.

Distribution : India : Kerala (Trivandrum, Travancore).

353. *Tortulosa (Eucataulus) calcadensis* (Blanford)

1869. *Cataulus calcadensis* (Beddome Ms.), *J. Asiat. Soc. Beng.*, **38** : 137, pl. 16, fig. 8.
 1876. *Cataulus calcadensis* : Hanley and Theobald, *Conch. Indica*, pl. 106, fig. 10.
 1880. *Cataulus calcadensis* : Blanford, *J. Asiat. Soc. Beng.*, **49** : 215.
 1921. *Tortulosa (Eucataulus) calcadensis* : Gude, *Fauna Brit. India*, Mollusca, **3** : 175.
 2002. *Tortulosa calcadensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 12.

Distribution : India : Kerala (Calcad Hills).

354. *Tortulosa (Eucataulus) costulata* (Blanford)

1880. *Cataulus costulatus* Blanford, *J. Asiat. Soc. Beng.*, **49** : 213, pl. 3, fig. 7.
 1921. *Tortulosa (Eucataulus) costulata* : Gude, *Fauna Brit. India*, Mollusca, **3** : 177.
 2002. *Tortulosa (Eucataulus) costulata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, : 12.

Distribution : India : Tamil Nadu (Tinnevelly Hills).

355. *Tortulosa (Eucataulus) recurvata* Pfeiffer

1862. *Cataulus recurvatus* Pfeiffer, *Proc. zool. Soc.*, Lond., 1862 : 116, pl. 12, fig. 2.
 1866. *Cataulus recurvatus* : Blanford, *J. Asiat. Soc. Beng.*, 35 : 38.
 1876. *Cataulus recurvatus* : Hanley and Theobald, *Conch. Indica*, pl. 146, fig. 2.
 1921. *Tortulosa (Eucataulus) recurvatus* : Gude, *Fauna Brit. India*, Mollusca, 3 : 186.
 2002. *Tortulosa recurvatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12.

Distribution : India : Tamil Nadu (Anamullay).

The genus *Tortulosa* is largely represented by 25-30 species in Sri Lanka. It has five species in South India (Kerala-Tamil Nadu). Occurrence of one species in Nicobar (Gude, 1921 p. 189) is very doubtful and needs confirmation. However the genus is characterised by a well defined keel at the base and also a circular canal in the peristome. As observed by Blanford (1880) in the Indian species the canal is situated nearer to the umbilicus or a little left of the lower margin of peristome. But in the species from Sri Lanka, the canal is right at the lowest margin of aperture.

Superfamily LITTORINOIDEA

Family POMATIASIDAE

Subfamily POMATIASINAE

Genus *Otopoma* Gray, 1850356. *Otopoma hinduorum* Blanford

1859. *Otopoma clausum* (non sowerby), Benson, *Ann. Mag. nat. Hist.* (3)4 : 92, 95.
 1864. *Otopoma hinduorum* Blanford, *Ann. Mag. nat. Hist.*, (3) 13 : 464.
 1921. *Otopoma hinduorum* : Gude, *Fauna Brit. India*, Mollusca, 3 : 351, text-fig. 39.
 2002. *Otopoma hinduorum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 40.
 2004. *Otopoma hinduorum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 109, fig. 73.

Distribution : India : Gujarat.

Benson's (1854) material was studied and re-identified by Blanford (1864) as *O. hinduorum*, a new species with "much smoother shell, less excavated umbilical region and a higher spire" than *O. clausum* a Ceylonese form.

Subfamily CYCLOTOPSINAE

Genus *Cyclotopsis* Blanford, 1864357. *Cyclotopsis montana* (Pfeiffer)

1854. *Cyclostoma (Cyclotus?) montanum* Pfeiffer, *Proc. zool. Soc. Lond.*, 1864 : 300.

1921. *Cyclotopsis montana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 352.
 2002. *Cyclotopsis montana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12.

Distribution : India : Tamil Nadu.

358. *Cyclotopsis semistriata* (Sowerby)

1843. *Cyclostoma semistriatum* Sowerby, *Thes. Conch.*, 1 : 91, pl. 23, fig. 6.
 1870. *Cyclotus semistriatus* : Hanley and Theobald, *Conch. Indica*, pl. 4, fig. 9.
 1921. *Cyclotopsis semistriata* : Gude, *Fauna Brit. India*, Mollusca, 3 : 353.
 1979. *Cyclotopsis semistriata* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 10.
 2002. *Cyclotopsis semistriata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 40.
 2004. *Cyclotopsis semistriata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 110. fig. 74.

Distribution India : Maharashtra.

359. *Cyclotopsis spurca* (Grateloup)

1839. *Cyclostoma spurca* Grateloup, *Act. Soc. Linn. Bordeaux*, 11, 169, 444, pl. 3, fig. 18.
 1921. *Cyclotopsis spurca* : Gude, *Fauna Brit. India*, Mollusca, 3 : 353.
 2002. *Cyclotopsis spurca* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 40.

Distribution : India : Maharashtra.

360. *Cyclotopsis subdiscoidea* (Sowerby)

1850. *Cyclostoma subdiscoideum* Sowerby, *Thes. Conch.*, 1 : 161, pl. 316, figs. 304, 305.
 1876. *Cyclotus subdiscoideus* : Hanley and Theobald, *Conch. Indica*, p. xiv, 2.
 1921. *Cyclotopsis subdiscoidea* : Gude, *Fauna Brit. India*, Mollusca, 3 : 354, fig. 40.
 2002. *Cyclotopsis subdiscoidea* : Ramakrishana and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12.
 2004. *Cyclotopsis subdiscoidea* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 111, figs. 75, 76, 77.
 2005. *Cyclotopsis subdiscoidea* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 224. Zool. Surv. India.

Distribution : India : Andhra Pradesh, Orissa.

361. *Cyclotopsis trailli* (Pfeiffer)

1862. *Cyclotus trailli* Pfeiffer, *Proc. zool. Soc. Lond.*, 1862 : 116, pl. 12, fig. 4.
 1878. *Cyclostoma (Cyclotopsis) trailli* : Nevill, *Hand List, Moll. Indian Mus.*, 1 : 308 (as synonym of *C. discoideum*).

1921. *Cyclotopsis trailli* : Gude, *Fauna Brit. India*, Mollusca, 3 : 355.

2002. *Cyclotopsis trailli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12,

Distribution : India : Orissa. (Russel Conda probably in Orissa).

Superfamily RISSOIDEA

Family ASSIMINEIDAE

Subfamily ASSIMINEINAE

Genus *Acmella* Blanford, 1869

362. *Acmella mellilla* Godwin-Austen

1895. *Acmella mellilla* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1895 : 453, text-fig. c.

1921. *Acmella mellilla* : Gude, *Fauna Brit. India*, Mollusca, 3 : 361.

2002. *Acmella mellilla* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5.

Distribution : India : Andhra Pradesh.

363. *Acmella milium* (Benson)

1853. *Cyclostoma milium* Benson, *Ann. Mag. nat. Hist.*, (2)11 : 285.

1856. *Hydrocena milium* Benson, *Ann. Mag. nat. Hist.*, (2)17 : 232.

1869. *Cyathopoma milium* : Blanford, *Ann. Mag. nat. Hist.*, (4)3 : 178.

1872. *Pupa plicidens*, juv : Godwin-Austen, *Proc. zool. Soc. Lond.*, 1872 : 515, pl. 30, fig. 3.

1921. *Acmella milium* : Gude, *Fauna Brit. India*, Mollusca, 3 : 362.

2002. *Acmella milium* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.

Distribution : India : Meghalaya.

364. *Acmella moreletiana* Nevill

1878. *Acmella moreletiana* Nevill, *Hand List Moll. Indian Mus.*, 1 : 251.

1879. *Acmella moreletiana* : Godwin-Austen and Nevill, *Proc. zool. Soc.*, Lond., 1879 : 737, pl. 59, fig. 4.

1921. *Acmella moreletiana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 362.

1991. *Acmella moreletiana* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 31.

2002. *Acmella moreletiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 4.

Distribution : India : Nicobar Islands.

365. *Acmella roepstorffiana* Nevill

1878. *Acmella roepstorffiana* Nevill, *Hand List Moll. Indian Mus.*, 1 : 251.

1879. *Acmella roepstorffiana* : Godwin-Austen and Nevill, *Proc. zool. Soc. Lond.*, 1879 : 737, pl. 59, fig. 5.
1921. *Acmella roepstorffiana* : Gude, *Fauna Brit. India*, Mollusca, 3 : 362.
1991. *Acmella roepstorffiana* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 32.
2002. *Acmella roepstorffiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5.
2004. *Acmella roepstorffiana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 113, text-fig. 30.

Distribution : India : Nicobar Islands.

366. *Acmella tersa* (Benson)

1853. *Cyclostoma tersum* Benson, *Ann. Mag. nat. Hist.* (2)11 : 285.
1869. *Acicula (Acmella) tersa* : Blanford, *Ann. Mag. nat. Hist.*, (4)3 : 178, pl. 16, fig. 2.
1921. *Acmella tersa* : Gude, *Fauna Brit. India*, Mollusca, 3 : 363.
1995. *Acmella tersa* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 58, text-fig. 813. Zool. Surv. India.
2002. *Acmella tersa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.
2004. *Acmella tersa* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 113, text-fig. 31.

Distribution : India : Meghalaya.

Both the species, *A. milium* and *A. tersa*, from Musmai near Cherrapunji, Meghalaya were found by Benson among moss (Gude, 1921).

Subfamily OMPHALOTROPINAE

Genus *Omphalotropis* Pfeiffer, 1851

367. *Omphalotropis andersoni* Blanford

1880. *Realia (Omphalotropis) andersoni* Blanford, *J. Asiat. Soc. Beng.*, 49(2) : 216, pl. 2, fig. 18.
1921. *Omphalotropis andersoni* : Gude, *Fauna Brit. India*, Mollusca, 3 : 356.
1991. *Omphalotropis andersoni* : Subba Rao, and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 29, pl. 4, fig. 3.
2002. *Omphalotropis andersoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5, pl. 2, fig. 7.
2004. *Omphalotropis andersoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 114, figs. 78, 79.

Distribution : India : Andaman Islands.

368. *Omphalotropis aurantiaca* (Deshayes)

1832. *Cyclostoma aurantiaca* Deshayes, in Belanger, *Voy. Ind. Orient. Zoologie*, p. 416, pl. 1, figs. 16, 17.
 1854. *Hydrocena (Omphalotropis) aurantiaca* : Pfeiffer, *Proc. zool. Soc. Lond.*, 1854 : 307.
 1921. *Omphalotropis aurantiaca* : Gude, *Fauna Brit. India, Mollusca*, 3 : 356.

Distribution : India : Pondicherry.

Occurrence of this species in India was questioned by Benson (1851). According to him it was a Mauritian species.

369. *Omphalotropis brevis* Godwin-Austen

1895. *Omphalotropis (Realia) brevis* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1895 : 455.
 1921. *Omphalotropis brevis* : Gude, *Fauna Brit. India, Mollusca*, 3 : 357.
 2002. *Omphalotropis brevis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5.

Distribution : India : Nicobar Islands.

370. *Omphalotropis decussata* (Blanford)

1880. *Realia decussata* Blanford, *J. Asiat. Soc. Beng.*, 49(2) : 218.
 1921. *Realia decussata* : Gude, *Fauna Brit. India, Mollusca*, 3 : 358.
 1991. *Omphalotropis decussata* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 30, pl. 4, fig. 5.
 2002. *Omphalotropis decussata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5.
 2004. *Omphalotropis decussata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, p. 115, fig. 80.

Distribution : India : Andaman Islands.

371. *Omphalotropis distermina* Benson

1863. *Omphalotropis distermina* Benson, *Ann. Mag. nat. Hist.*, (3)12 : 425.
 1876. *Omphalotropis distermina* : Hanley and Theobald, *Conch. Indica*, pl. 145, fig.10.
 1921. *Omphalotropis distermina* : Gude, *Fauna, Brit. India, Mollusca*, 3 : 357.
 1991. *Omphalotropis distermina* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 30, pl. 4, fig. 4.
 2002. *Omphalotropis distermina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5, pl. 4, figs. 6, 8.

Distribution : India : Andaman Islands.

Nevill (1878) collected this species from large trees at the top of Mt. Harriet at 1000 ft.

372. *Omphalotropis pallida* (Blanford)

1880. *Realia pallida* Blanford, *J. Asiat. Soc. Beng.*, **49**(2) : 217, pl. 2. fig. 19.
 1921. *Realia pallida* : Gude, *Fauna Brit. India*, Mollusca, **3** : 354.
 2002. *Omphalotropis pallida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.

Distribution : India : Andaman Islands.

373. *Omphalotropis sordida* (Frauenfeld)

1863. *Assimineia sordida* (Behn), Frauenfeld, *Verh. K. K. zool. -bot. Ges. Wien*, **13** : 212.
 1872. *Omphalotropis sordida* : Moersch, *J. Conchyl.*, **20** : 318.
 1921. *Omphalotropis sordida* : Gude, *Fauna Brit. India*, Mollusca, **3** : 358.
 2002. *Omphalotropis sordida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.

Distribution : India : Nicobar Islands.

Subclass GYMNMORPHA

Order SOLEOLIFERA

Family VERONICELLIDAE

Genus *Filicaulis* Simroth, 1913

Subgenus *Eleutherocaulis* Simroth, 1913

374. *Filicaulis (Eleutherocaulis) alte* (Ferussac)

1821. *Vaginulus alte* Ferussac, *Tabl. Syst. Fam. Limacea*, p. 14.
 1914. *Vaginulus alte* : Gude, *Fauna Brit. India*, Mollusca, **2** : 482, fig. 153.
 1961. *Vaginulus alte* : Ray, *Treubia*, **25**(3) : 275.
 1979. *Laevicaulis alte* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 10.
 1991. *Laevicaulis alte* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 36.
 1992. *Laevicaulis alte* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) (9) : Zool. Surv. India,
 1995. *Laevicaulis alte* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4** (part 8) : 84, pl. 24, figs. 4,5. Zool. Surv. India.
 1997. *Laevicaulis alte* : Surya Rao, Mitra, Maitra and Biswas, *Fauna of Delhi, State Fauna Series*, p. 127, pl. 3, fig. 8. Zool. Surv. India.
 2000. *Laevicaulis alte* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, **7**(part 4) : 350. Zool. Surv. India.
 2003. *Laevicaulis alte* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 143. Zool. Surv. India.

2004. *Laevicaulis alte* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, 10(part 3) : 103. Zool. Surv. India.

2005. *Filicaulis (Eleutherocaulis) alte*: Surya Rao, Mitra and Dey, *State Fauna Series, Fauna of Andhra Pradesh*, Zool. Surv. India, 5(part 5) : 224.

Distribution : India : Andhra Pradesh, Bihar, Delhi, Gujarat, Maharashtra, Meghalaya, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal.

Elsewhere : Throughout the tropical parts of the World.

Remarks : Animal elongate, dorsally flattened, oval brownish to dark brown with darker blotches usually with a yellowish line down the mid dorsal side. Sole of foot tripartite. No internal shell. Has a long cylindrical penis. Reaches upto 100 mm in length.

It is the most common slug on Indian plains. Voraciously feeds on live and decaying vegetations.

375. *Filicaulis (Eleutherocaulis) frauenfeldi* (Semper)

1885. *Vaginulus frauenfeldi* Semper, *Reisen Arch. Philipp.*, 2 Teil, iii: 324, pl. 27, fig. 32.

1893. *Veronicella frauenfeldi* : Cockerell, *The Conchologist*, 2 : 193, 215.

1914. *Vaginulus frauenfeldi* : Gude, *Fauna Brit. India*, Mollusca, 2 : 483.

Distribution : India : Tamil Nadu.

Remarks : Animal roundly truncate on both sides; comparatively smaller and broader in size (40-45 mm in length, grayish brown with black spots; small tubercles on mantle.

376. *Filicaulis (Eleutherocaulis) giganteus* (Godwin-Austen)

1895. *Vaginulus giganteus* Godwin-Austen, *Proc. zool. Soc. Lond.*, 1895 : 443, 451.

1914. *Vaginulus giganteus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 491.

Distribution : India : Andaman Islands.

Remarks : Animal long, elongate, grayish with dark mottling, the median line down the middle of the back is present.

From the original description it seems to be similar to *F. (E.) alte*. Except in size.

Genus *Vaginula* Ferussac, 1821

Subgenus *Sarasinula* Grimpe and Hoffman, 1924

377. *Vaginula (Sarasinula) plebeja* (Fisher)

1868. *Vaginula plebeja* Fischer, *J. Conch. Paris*, 6 : 145.

1961. *Vaginulus (Sarasinulla) plebeja* : Ray, *Treubia*, 25(3) : 275.

1979. *Sarasinulla plebeja* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 11.

Distribution : India : Maharashtra, Tamil Nadu.

Elsewhere : East Africa to Pacific Islands.

Remarks : Has a pale grey to grayish yellow body surface. Differs considerably in shape and structure of the penis, which is short, stumpy and asymmetrical.

Genus *Semperula* Grimpe and Hoffman, 1924

378. *Semperula birmanica* (Theobald)

1864. *Vaginulus birmanica* Theobald, *J. Asiat. Soc. Beng.*, **33** : 243.

1873. *Veronicella birmanica*: Stoliczka, *J. Asiat. Soc. Beng.*, **42(2)** : 34.

1914. *Vaginulus birmanica*: Gude, *Fauna Brit. India*, Mollusca, **2** : 487.

1979. *Sarasinulla birmanica*: Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 11.

Distribution : India : Maharashtra, West Bengal.

Elsewhere : Indonesia, Myanmar, Thailand.

Remarks : Yellowish brown with minute black dots and dashes. The penis is rather oval with a pointed tip.

379. *Semperula maculata* (Templeton)

1858. *Vaginula maculata* Templeton, *Ann. Mag. Nat. Hist.*, (3)**1** : 49, pl. 2n, fig. 1.

1878. *Vaginulus maculatus* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 198.

1914. *Vaginulus maculaus* : Gude, *Fauna Brit. India*, Mollusca, **2** : 485, figs. 156, 157.

Distribution : India : Maharashtra.

Elsewhere : Sri Lanka.

Remarks : Ovatly-oblong, depressed, brownish grey with minute papillae speckled with black, a yellow line down the back margins edged with yellowish or pale band. Body is rather broad when extended, reaching upto 40 mm (Gude, 1914).

Family RATHOUIIIDAE

Genus *Atopos* Simroth, 1891

Subgenus *Padangia* Babor, 1900

380. *Atopos (Padangia) kempii* Ghose

1774. *Atopos (Padangia) kempii* Ghose, *Rec. Indian Mus.*, **8** : 209.

2002. *Atopos (Padangia) kempii* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 25.

Distribution : India : Assam.

Subgenus *Prisma* Simroth, 1891381. *Atopos (Prisma) aborensis* Ghose

1774. *Atopos (Prisma) aborensis* Ghose, *Rec. Indian Mus.*, 8 : 209.

2002. *Atopos (Prisma) aborensis*: Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, 196 : 33.

Distribution : India : Arunachal Pradesh (Abor Hills)

Subclass PULMONATA

Order STYLOMMATOPHORA

Suborder ORTHURETHRA

Superfamily PUPILLOIDEA

Family PUPILLIDAE

Subfamily PUPILLINAE

Genus *Pupilla* Leach in Fleming, 1828382. *Pupilla barrackporensis* Gude

1854. *Pupa indica* Pfeiffer *Proc. zool. Soc.*, Lond., 1854 : 295 (Preoccupied).

1914. *Pupilla barrackporensis* Gude, *Fauna Brit. India, Mollusca*, 2 : 285.

1992. *Pupilla barrackporensis* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 38, *Zool. Surv. India*.

2004. *Pupilla barrackporensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 117, text-figs. 32, a,b.

2005. *Pupilla barrackporensis* : Mitra, Dey and Ramakrishna *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 225, *Zool. Surv. India*.

Distribution : India : Andhra Pradesh, West Bengal.

Shell very small, cylindrically orate, narrowly perforate, faintly sculptured, last whorl rather compressed on sides and at base, aperture with 4 teeth.

383. *Pupilla brevicostis* (Benson)

1849. *Pupa brevicostis* Benson, *Ann. Mag. nat. Hist.*, (2)4 : 127.

1914. *Pupilla brevicostis* : Gude, *Fauna Brit. India Mollusca*, 2 : 288, fig. 104.

2002. *Pupilla brevicostis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 42.

Distribution : India : West Bengal.

Shell minute, ovate, narrowly perforate, subcostulately striate, peristome, expanded, aperture with 5-6 teeth.

Snails were collected from the trunk of Tamarind tree (Gude, 1914).

384. *Pupilla diopsis* (Benson)

1863. *Pupa diopsis* Benson, *Ann. Mag. nat. Hist.*, (3)12 : 427.
 1875. *Pupa diopsis* : Hanley and Theobald, *Conch. Indica*, pl. 101, fig. 10.
 1914. *Pupilla diopsis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 284.
 2002. *Pupilla diopsis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

Distribution : India : Madhya Pradesh (Narmada valley).

Shell small, oblong-ovate, perforate, obliquely striate, whorls convex, last whorl slightly ascending in front, aperture with two teeth.

385. *Pupilla gutta* (Benson)

1864. *Pupa gutta* Benson, *Ann. Mag. nat. Hist.*, (3)13 : 138.
 1875. *Pupa gutta* : Hanley and Theobald, *Conch. India*, pl. 101, fig. 9.
 1914. *Pupilla gutta* : Gude, *Fauna Brit. India*, Mollusca, 2 : 285.
 2000. *Pupilla gutta* : Dey and Mitra, *Rec. zool. Surv. India* 98(2) : 24.
 2002. *Pupilla gutta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.
 2005. *Pupilla gutta* : Surya Rao and Mitra, *Fauna of Western Himalaya*, (part 2) (Himachal Pradesh), p. 46.

Distribution : India : Himachal Pradesh.

Shell minute, oblong-ovate, almost imperforate, last whorl slightly ascending, aperture without dentition.

386. *Pupilla muscerda* (Benson)

1853. *Pupa muscerda* Benson, *Ann. Mag. nat. Hist.*, (2)12 : 94.
 1876. *Pupa muscerda* : Hanley and Theobald, *Conch. Indica*, pl. 160, fig. 2.
 1914. *Pupilla muscerda* : Gude, *Fauna Brit. India*, Mollusca, 2 : 286.

Distribution : India : Kerala, Tamil Nadu (Erode).

Elsewhere : Sri Lanka.

Shell elongate ovate, very narrowly perforate, striate, last whorl slightly ascending, aperture with three dentitions. Occur on old posts and Palmyra trees (Gude, 1914).

387. *Pupilla muscorum asiatica* (Moellendorff)

1902. *Pupilla muscorum* sub sp. *asiatica* Moellendorff, *Ann. Mus. Zool. Acad. Imp. Sci. St. Petersburg*, 6 : 381.
 1914. *Pupilla muscorum* var. *asiatica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 283.

2004. *Pupilla muscorum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 117. fig. 81.

Distribution : India : Kashmir.

Elsewhere : Central Asia, China.

Shell cylindrical, narrowly umbilicate, finely and closely striate, last whorl suddenly convex, aperture toothless.

388. *Pupilla salmensis* (Blanford)

1861. *Ennea salmensis* Blanford, *J. Asiat. Soc. Beng.*, 30 : 359.

1876. *Pupa salmensis* : Hanley and Theobald, *Conch. Indica*, pl. 160, fig. 9.

1914. *Pupilla salmensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 289.

2002. *Pupilla salmensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12.

Distribution : India : Kerala, Tamil Nadu (Kelreyen Hills)

Shell minute, very narrowly perforate, oblong-ovate, last whorl excavated near the aperture, ascending in front, aperture with two dentitions.

389. *Pupilla seriola* (Benson)

1861. *Pupa seriola* Benson, *Ann. Mag. nat. Hist*, (3)12 : 427.

1875. *Pupa seriola* : Hanley and Theobald, *Conch. Indica*, pl. 101, fig. 8.

1914. *Pupilla seriola* : Gude, *Fauna Brit. India*, Mollusca, 2 : 284.

2002. *Pupilla seriola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 42.

Distribution : India, Orissa.

Shell small, subcylindrical, perforate, obliquely striate, last whorl ascending in front, aperture with a single tooth.

Genus *Pupoides* Pfeiffer, 1854

390. *Pupoides coenopictus* (Hutton)

1834. No. 7. *Pupa (mihi) coenopicta* Hutton, *J. Asiat. Soc. Beng.*, 3 : 85, 93.

1865. *Bulimus coenopictus* : Blanford, *J. Asiat. Soc. Beng.*, 34 : 94.

1914. *Pupoides coenopictus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 259.

2000. *Pupoides coenopictus* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 24.

2004. *Pupoides coenopictus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 118. fig. 82.

2005. *Pupoides coenopictus* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 226, Zool. Surv. India.

Distribution : India : common throughout except the north-east.

Eleswhere : Afghanistan, Africa, Egypt, Sri Lanka.

Shell cylindro-pyramidal, finely striate, perforate, last whorl convex, compressed at the perforation, peristome discontinuous, usually with a blunt tooth.

391. *Pupoides lardeus* (Pfeiffer)

1852. *Bulimus lardeus* Pfeiffer, *Proc. zool. Soc.*, Lond., 1852 : 157.

1914. *Pupoides lardeus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 201.

2002. *Pupoides lardeus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.

Distribution : India ?

Shell ovate-oblong, narrowly perforate, striate, compressed at base, aperture truncately oval, labiate inside, margins discontinuous.

392. *Pupoides tutulus* (Reeve)

1849. *Bulimus tutulus* (Benson) Reeve, *Conch. Icon.* 5, *Bulimus* pl. 84, fig. 625.

1876. *Pupa tutulus* : Hanley and Theobald, *Conch. Indica*, pl. 156, fig. 6.

1914. *Pupoides tutulus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 261.

2002. *Pupoides tutulus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.

2004. *Pupoides tutulus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 119, fig. 83.

Distribution : India : Bihar, Delhi, Gujarat, Madhya Pradesh, Maharashtra, Rajasthan, Uttar Pradesh.

Shell small, conical, distinctly broad at base, perforate, coarsely striate, last whorl compressed at perforation, peristome reflected, aperture with a blunt tooth.

Family VALLONIIDAE

Genus *Vallonia* Risso, 1826

393. *Vallonia costata* (Mueller)

1774. *Helix costata* Mueller, *Verm. Terr. Fluv. Hist.*, 2 : 30.

1878. *Vallonia costata* : Theobald, *J. Asiat. Soc. Beng.*, 47 : 144.

1914. *Vallonia costata* : Gude, *Fauna Brit. India*, Mollusca, 2 : 225.

2000. *Vallonia costata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 24.

Distribution : India : Kashmir.

Elsewhere : Europe, North Africa, North America.

Shell small, subdepressed, umbilicate, variously striate, whorls rather flattened above and below, angulate at the periphery, last whorl descending.

394. *Vallonia ladakensis* (Nevill)

1878. *Helix (Vallonia) ladakensis* Nevill, *Scient. Results Second Yorkund Mission*, Mollusca, p. 4.

1914. *Vallonia ladakensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 226.

2000. *Vallonia ladakoensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 24.

2004. *Vallonia ladakoensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 120, fig. 84.

2005. *Vallonia ladakensis* : Surya Rao and Mitra, *Faunal of Western Himalaya, Himachal Pradesh (part 2)* : 46.

Distribution : Himachal Pradesh, Kashmir, Punjab.

Elsewhere : Tibet, Turkey.

Shell slightly larger, spire more depressed sculpture closer and more regular, last whorl descending in front and a little angulate near the umbilicus.

395. *Vallonia miserriana* Gude

1907. *Vallonia miserriana* Gude, *Proc. malac. Soc., Lond.*, 7 : 307.

1914. *Vallonia miserriana* : Gude, *Fauna Brit. India*, Mollusca 2 : 227 text-fig. 86.

2002. *Vallonia miserriana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12.

Distribution : India : Tamil Nadu (3000 ft.) (Anamallay Hills).

Nearer to *V. ladakensis*, umbilicus is more open and the last whorl more descending in front.

Gude (1914) observation on the occurrence of a typical Palaeartic and Nearctic genus in South India is really intriguing.

396. *Vallonia pulchella* (Mueller)

1774. *Helix pulchella* Mueller, *Verm. Terr. Fluv.*, 2 : 223.

1914. *Vallonia pulchella* : Gude, *Fauna Brit. India*, Mollusca, 2 : 223.

2000. *Vallonia pulchella* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 24.

2004. *Vallonia pulchella* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 121, fig. 85.

Distribution : India : Kashmir.

Elsewhere : Europe, North and East Asia, North Africa, North America.

Shell small, conoid, openly umbilicate, closely sculptured, last whorl rounded at the periphery, compressed near the perforation, usually straight in front.

Family VERTIGINIDAE

Subfamily TRUNCATELLININAE

Genus *Boysia* Pfeiffer, 1849

397. *Boysia boysi* (Pfeiffer)

1846. *Tomogers (Anostoma) boysii* (Benson) Pfeiffer, *Symb. Hist. Helic.*, 3 : 82.

1914. *Boysia boysi* : Gude, *Fauna Brit. India*, Mollusca, 2 : 297.

2002. *Boysia boysi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 47.

2004. *Boysia boysi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 123.

Distribution : India : Madhya Pradesh, Rajasthan.

Shell small, depressedly conical, perforate, finely striate, spire obliquely inclined, last whorl ascending overlapping the outer penultimate, aperture triangularly rounded.

Subfamily GASTROCOPTINAE

Genus *Gastrocopta* Wollaston, 1878

398. *Gastrocopta bathyodon* (Benson)

1863. *Pupa bathyodon* Benson, *Ann. Mag. nat. Hist.*, (3)12 : 426.

1874. *Pupa bathyodon* : Hanley and Theobald, *Conch. Indica*, pl. 100. fig. 7.

1914. *Bifidaria bathyodon* : Gude, *Fauna Brit. India*, Mollusca, 2 : 290.

2002. *Gastrocopta bathyodon* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

2004. *Gastrocopta bathyodon* : Mitra, Dey and Mitra, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India p. 124, text-fig. 33.

Distribution : India : Madhya Pradesh, Maharashtra.

Shell small, ovately conical, perforate, obliquely striate, last whorl ascending slightly in front, compressed behind aperture excavated at perforation aperture with 4 dentitions.

399. *Gastrocopta huttoniana* (Benson)

1849. *Pupa huttoniana* Benson, *Ann. Mag. nat. Hist.*, (2) 4 : 126.

1875. *Pupa huttoniana* : Hanley and Theobald, *Conch. Indica*, pl. 101, fig. 3.

1914. *Bifidaria huttoniana* : Gude, *Fauna Brit. India*, Mollusca, 2 : 291.
 2000. *Gastrocopta huttoniana* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 24.
 2002. *Gastrocopta huttoniana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 47.
 2005. *Bifidaria huttoniana* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh) : 45.

Distribution : India : Himachal Pradesh, Kashmir, Maharashtra.

Elsewhere : Sind.

Shell minute, sub-cylindrical, narrowly perforate, aperture ovately rounded, with 4-5 dentitions, peristome expanded.

400. *Gastrocopta serrula* (Benson)

1863. *Pupa serrula* Benson, *Ann. Mag. nat. Hist.*, (3)12 : 427.
 1914. *Bifidaria serrula* : Gude, *Fauna Brit. India*, Mollusca, 2 : 293.
 2002. *Gastrocopta serrula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

Distribution : India : Central India.

Shell minute, narrowly perforate, ovately conical, subcostulately striate, sutures crenulate, last whorl ascending, aperture quadrately ovate, with 6 teeth.

Genus *Boysidia* Ancey, 1881

401. *Boysidia plicidens* (Benson)

1849. *Pupa plicidens* Benson, *Ann. Mag. nat. Hist.*, (2)4 : 126.
 1914. *Boysidia plicidens* : Gude, *Fauna Brit. India*, Mollusca, 2 : 294.
 2000. *Boysidia plicidens* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 24.
 2002. *Boysidia plicidens* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 47.
 2004. *Boysidia plicidens* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 125, text-fig. 34.

Distribution : India : Meghalaya, Uttarakhand.

Shell minute, ovately conical, sub-trochiform, almost imperforate, faintly striate, last whorl distinctly ascending, flat at base, aperture sub-triangular with 8-10 teeth.

Subfamily NESOPUPINAE

Genus *Pupisoma* Stoliczka, 1873

402. *Pupisoma cacharicum* (Godwin-Austen)

1910. *Pupisoma cacharicum* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 303, pl. 132, fig. 4.
 1914. *Pupisoma cacharicum* : Gude *Fauna Brit. India*, Mollusca, 2 : 39.

2000. *Pupisoma cacharicum* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 24.
 2002. *Pupisoma cacharicum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **96** : 25.
 2004. *Pupisoma cacharicum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 126, text-fig. 35.

Distribution : India : Assam.

Shell minute, globosely conoid, decussately sculptured, last whorl globose and inflated.

Snails were collected from shallow cavities on branches of trees.

403. *Pupisoma constrictum* (Godwin-Austen)

1895. *Pupa (Pupisoma) constrictum* Godwin-Austen, *Proc. zool. Soc.*, Lond., **1895** : 450, fig. B.
 1914. *Pupisoma constrictum* : Gude, *Fauna Brit. India*, Mollusca, **2** : 35, fig. 11.
 2002. *Pupisoma constrictum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.

Distribution : India : Andaman Islands.

Shell small, perforate, turbinata, costulately striate above, smoother on the last whorl, particularly in front, well rounded, peristome thickened, expanded, sinuate.

Godwin-Austen was not very sure about the generic position of this species (Gude, 1914).

404. *Pupisoma evezerdi* (Blanford)

1875. *Pupa evezerdi* (Blanford) Hanley and Theobald, *Conch. Indica*, pl. 101, figs. 5. 6.
 1880. *Pupa (Pupisoma) evezerdi* : Blanford, *J. Asiat. Soc. Beng.*, **49** : 199.
 1914. *Pupisoma evezerdi* : Gude, *Fauna Brit. India*, Mollusca, **2** : 37.
 1979. *Pupisoma evezerdi* : Subba, Rao and Mitra, *Rec. zool. Surv. India*, **75** : 18.
 2002. *Pupisoma evezerdi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 12.

Distribution : India : Maharashtra.

Shell small, imperforate, conoidly ovate, obliquely striate, whorls rounded.

405. *Pupisoma orcula* (Benson)

1850. *Helix orcula* Benson, *Ann. Mag. nat. Hist.*, (2)**6** : 251.
 1910. *Pupisoma orcula* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 301.
 1914. *Pupisoma orcula* : Gude, *Fauna Brit. India*, Mollusca, **2** : 36.
 1992. *Pupisoma orcula* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 38, Zool. Surv. India.
 2004. *Pupisoma orcula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 127, text-figs. 36, a, b.

Distribution : India : Widely distributed through whole of Eastern India from Sikkim in the Himalayas to plains of Kolkata in West Bengal.

Elsewhere : Japan, South Africa.

Mostly occurs under the bark of trees. Shell small, conoidly globose, scarcely perforate, finely, obliquely striate, peristome thin.

406. *Pupisoma seriola* (Benson)

1863. *Pupa seriola* Benson, *Ann. Mag. nat. Hist.* (3)12 : 427.

1875. *Pupa seriola* : Hanley and Theobald, *Conch. Indica*, pl. 101, fig. 8.

1910. *Pupisoma seriola* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 301.

1914. *Pupisoma seriola* : Gude, *Fauna Brit. India*, Mollusca, 2 : 38.

2002. *Pupisoma seriola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 24.

Distribution : India : Meghalaya, Orissa, West Bengal.

This species included by Gude in page 38 as *Pupilla seriola* (p. 226) unless specimen are examined difficult to say under which genus it should be included.

Family ORCULIDAE

Genus *Orcula* Held, 1837

Subgenus *Sphyradium* Charpentier, 1837

407. *Orcula (Sphyradium) himalayanum* (Benson)

1863. *Pupa himalayana* (Hutton) Benson, *Ann. Mag. nat. Hist.*, (3) 12 : 428.

1875. *Pupa himalayana* : Hanley and Theobald, *Conch. Indica*, pl. 101, fig. 4.

1914. *Sphyradium himalayanum* : Gude, *Fauna Brit. India*, Mollusca, 2 : 41.

2000. *Orcula (Sphyradium) himalayanum* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 24.

2002. *Orcula (Sphyradium) himalayanum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

2004. *Orcula (Sphyradium) himalayanum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 128.

2005. *Orcula (Sphyradium) himalayanum* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh), 46.

Distribution : India : Himachal Pradesh, Kashmir, Uttarakhand.

Shell minute, subcylindrical, narrowly perforate, finely, obliquely striate, last whorl ascending in front, aperture simple, peristome thin.

Family PYRAMIDULIDAE

Genus *Pyramidula* Fitzinger, 1833408. *Pyramidula euomphalus* (Blanford)

1861. *Helix euomphalus* Blanford, *J. Asiat. Soc. Beng.*, **30** : 354.
 1875. *Helix euomphalus* : Hanley and Theobald, *Conch. Indica*, p. 52, pl. 129, figs. 1-3.
 1914. *Pyramidula euomphalus* : Gude, *Fauna Brit. India*, Mollusca, **2** : 43.
 2002. *Pyramidula euomphalus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Tamil Nadu (Nilgiri Hills).

Distinguished by its rounded whorls, not angulate at the periphery or below.

409. *Pyramidula humilis* (Benson)

1838. *Helix humilis* Benson, *J. Asiat. Soc. Beng.*, **7** : 217.
 1914. *Pyramidula humilis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 43.
 2000. *Pyramidula humilis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 24.
 2002. *Pyramidula humilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.
 2004. *Pyramidula humilis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 129, fig. 87.
 2005. *Pyramidula humilis* : Surya Rao and Mitra, *Fauna of Western Himalaya*, Part 2 (Himachal Pradesh), p. 46.

Distribution : India : Himachal Pradesh, Punjab, Uttarakhand.

Shell minute, convexly depressed, openly umbilicate, finely, obliquely striate, last whorl descending, subangulate at the periphery and also around umbilicus.

Superfamily BULIMINOIDEA

Family BULIMINIDAE (Enidae)

Subfamily BULIMININAE

Genus *Mirus* Albers, 1850410. *Mirus ceratina* (Reeve)

1849. *Bulimus ceratinus* (Benson) Reeve, *Conch. Icon.*, **5** : *Bulimus*, pl. 77, fig. 569.
 1874. *Bulimus coelebs* var. *ceratinus* : Hanley and Theobald, *Conch. Indica*, pl. 80, fig. 2.
 1914. *Ena (Mirus) ceratina* : Gude, *Fauna Brit. India*, Mollusca, **2** : 239.
 2000. *Mirus ceratina* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 24.
 2002. *Mirus ceratina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 34.

Distribution : India : Uttarakhand.

Shell acuminate, elongate, compressly umbilicate, faintly irregularly striate or sometimes ground, aperture small, simple.

411. *Mirus hanleyanus* (Kobelt)

1870. *Bulimus nilagiricus* Hanley and Theobald, *Conch. Indica*, pl. 23, fig. 3 (not *B. nilagiricus* Pfeiffer).

1902. *Buliminus (Ena) hanleyanus* Kobelt, *Conch.-Cab.*, Fam. Buliminidae, p. 931, pl. 131, figs. 3-5.

1914. *Ena (Mirus) hanleyanus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 232.

2002. *Mirus hanleyanus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 12.

Distribution : India : Tamil Nadu (Nilgiris).

Shell ovately conical, narrowly perforate, obliquely costulately striate, whorls convex, last whorl ascending in front, peristome expanded and reflected.

412. *Mirus nilagirica* (Pfeiffer)

1846. *Bulimus nilagiricus* Pfeiffer, *Proc. zool. Soc.*, Lond., 1846 : 41.

1870. *Bulimus nilagiricus* : Blanford, *J. Asiat. Soc. Beng.*, 39 : 24.

1914. *Ena (Mirus) nilagirica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 231.

1995. *Ena nilagirica* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 58, pl. 8, figs. 4 and 5, *Zool. Surv. India*.

2004. *Mirus nilagirica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 131, figs. 88, 89.

2005. *Ena nilagirica* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 227, *Zool. Surv. India*.

Distribution : India : Andhra Pradesh, Arunachal Pradesh, Kerala, Meghalaya, Tamil Nadu.

Elsewhere : Myanmar.

Shell turreted, narrowly perforate, with white streaks, obliquely striate, wavy spiral markings present, whorls slightly rounded, last whorl ascending, peristome reflected. Spire proportionately slender.

413. *Mirus smithei* (Benson)

1865. *Bulimus smithei* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 15.

1870. *Bulimus smithei* : Hanley and Theobald, *Conch. Indica*, pl. 20, fig. 3.

1914. *Ena (Mirus) smithei* : Gude, *Fauna Brit. India*, Mollusca, 2 : 235.

2000. *Mirus smithei* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

2002. *Mirus smithei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : India : Kashmir, Punjab, Uttarakhand.

Shell oblong-ovate, perforate, irregularly rugosely striate, minutely decussately, last whorl ascending, peristome reflected, margins joined by a callas.

414. *Mirus vicaria* (Blanford)

1870. *Bulimus vicarius* Blanford, *J. Asiat. Soc. Beng.*, 39 : 18, pl. 3, fig. 15.

1914. *Ena (Mirus) vicaria* : Gude, *Fauna Brit. India, Mollusca*, 2 : 234.

2000. *Mirus vicaria* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

Distribution : India : Meghalaya.

Shell elongate turreted, narrowly perforate, obliquely striate and absolutely decussate, rather compressed at base. Distinguished by its slenderness and contracted aperture.

Genus *Serina* Gredler, 1898

415. *Serina beddomeana* (Nevill)

1878. *Buliminus (Petracus) beddomeana* Nevill, *Sci. Res., Second Yarkand Miss.*, Mollusca, p. 20, fig. 29.

1914. *Ena (Serina) beddomeana* : Gude, *Fauna Brit. India, Mollusca*, 2 : 256, fig. 95.

2000. *Serina beddomeana* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

2002. *Serina beddomeana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

2004. *Serina beddomeana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India*, p. 132.

Distribution : India : Punjab.

Elsewhere : Pakistan (North-West Province).

Shell subcylindrical, narrowly perforate, with brownish spots, closely, obliquely striate, last whorl compressed, peristome reflected.

416. *Serina hazarica* (Gude)

1914. *Ena (Serina) hazarica* Gude, *Fauna Brit. India, Mollusca*, 2 : 257, fig. 96.

2000. *Serina hazarica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

2002. *Serina hazarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : India : Punjab (Tandiani, Hazara Hills). North-West Province (Pakistan).

Shell elongate-turreted, narrowly umbilicate, obliquely striate, last whorl a little ascending, aperture subquadrate, peristome flatly expanded with a denticle above.

The types were collected from limestone rocks in the Hazara Hills at 8500 ft.

417. *Serina kuluensis* (Kobelt)

1902. *Buliminus (Subzebrinus) kuluensis* Kobelt, *Conch. Cab.*, Fam. Buliminidae, p. 938, pl. 132, figs. 3, 4.
 1914. *Ena (Serina) kuluensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 255.
 2000. *Serina kuluensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Serina kuluensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.
 2005. *Ena (Serina) kuluensis* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part-2 (Himachal Pradesh) : 46.

Distribution : Himachal Pradesh.

Shell fusiformly turreted, perforate, obsoletely, faintly striate, last whorl rounded at base, slightly ascending, peristome expanded with whitish labiation.

418. *Serina nevilliana* (Theobald)

1881. *Peronaeus nevillianus* Theobald, *J. Asiat. Soc. Beng.*, 50 : 48.
 1914. *Ena (Serina) nevilliana* Gude, *Fauna Brit. India*, Mollusca, 2 : 258, fig. 97.
 2000. *Serina nevilliana* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Serina nevilliana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : Punjab (Tandiani, Hazara 8500 ft.).

Shell turreted, perforate, coarsely sculptured by oblique costulae and incised spirals, aperture ovate, peristome little expanded.

419. *Serina tandianiensis* (Kobelt)

1902. *Buliminus (Subzebrinus) tandianiensis* Kobelt, *Conch. Cab.*, Fam. Buliminidae, p. 989, pl. 132, figs. 5, 6.
 1914. *Ena (Serina) tandianiensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 255.
 2000. *Serina tandianiensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Serina tandianiensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : India : Punjab.

Differs from *S. kuluensis* being shorter and more conoid with one less number of whorls (7), the aperture also in mire dilated.

Subfamily CHONDRULINAE

Genus *Subzebrinus* Westerlund, 1887

420. *Subzebrinus arcuata* (Kuester)

1845. *Bulimus arcuatus* Kuester, *Conch. Cab. Bulimus*. p. 56, pl. 17, fig. 1, 2.

1914. *Ena (subzebrinus) arcuata* : Gude, *Fauna Brit. India*, Mollusca, **2** : 239, fig. 89.
2000. *Subzebrinus arcuata* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 25.
2002. *Subzebrinus arcuata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 34.
2004. *Subzebrinus arcuata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 132, figs. 90, 91.
2005. *Ena (Subzebrinus) arcuata* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh), p. 47.

Distribution : India : Himachal Pradesh, Kashmir, Punjab.

Shell large, ovately conical, sinistral, compressedly perforate, costulately striate, with brownish streaks, sutures distinctly oblique, peristome reflected.

As detailed by Gude (1914) the species name *arcuata* has an interesting history.

421. *Subzebrinus boysiana* (Reeve)

1849. *Bulimus boysianus* (Benson) Reeve, *Conch. Icon.*, **5**, *Bulimus*, pl. 78, fig. 575.
1872. *Bulimus boysianus* : Hanley and Theoba, *Conch. Indica*, pl. 22, fig. 6.
1914. *Ena (Subzebrinus) boysiana* : Gude, *Fauna Brit. India*, Mollusca, **2** : 238.
2000. *Subzebrinus boysiana* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 25.
2002. *Subzebrinus boysiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 34.
2005. (*Ena*) *Subzebrinus boysiana* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh), p. 47.

Distribution : India : Himachal Pradesh, Uttarakhand, West Bengal (Darjeeling).

Shell cylindrical, sinistral, narrowly umbilicate, with wavy white lines, coarsely striate, decussated by fine spirals, sutures plicate, peristome reflected.

422. *Subzebrinus candelaris* (Pfeiffer)

1846. *Bulimus candelaris* Pfeiffer, *Proc. zool. Soc.*, Lond., **1846** : 40.
1872. *Bulimus candelaris* : Hanley and Theobald, *Conch. Indica*, pl. 19, fig. 2.
1914. *Ena (Subzebrinus) candelaris* : Gude, *Fauna Brit. India*, Mollusca, **2** : 243.
2000. *Subzebrinus candelaris* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 25.
2004. *Subzebrinus candelaris* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 133, fig. 92.

Distribution : India : Kashmir, Punjab (usually above 6,000ft.)

Elsewhere : Tibet.

Shell fairly large, attenuate, sinistral (dextral forms also occur rarely), usually white without markings, finely obliquely striate, last whorl a little descending, peristome reflected.

423. *Subzebrinus coelebs* (Pfeiffer)

1846. *Bulimus coelebs* (Benson) Pfeiffer, *Symp. Hist. Helic.*, 3 : 83.
 1874. *Bulimus coelebs* : Hanley and Theobald, *Conch. Indica*, pl. 80, fig. 1.
 1878. *Napaeus coelebs* : *J. Asiat. Soc. Beng.*, 47 : 145.
 1914. *Ena (Subzebrinus) coelebs* : Gude, *Fauna Brit. India*, Mollusca, 2 : 249.
 2000. *Subzebrinus coclebs* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

Distribution : India : Kashmir, Uttarakhand.

Shell fairly large, perforate, ovate-acuminate, obliquely striate very finely decussate, sub-compressed at base, peristome expanded, columella dilated.

424. *Subzebrinus dextrosinister* (Annandale and Rao)

1923. *Subzebrinus dextrosinister* Annandale and Rao, *Rec. Indian Mus.*, 25 : 390, pl. 9, figs. 6-7a.
 2004. *Subzebrinus dextrosinister* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 134, fig. 93.

Distribution : India : Punjab (Some were collected from bark of large trees.)

Shell cylindrical, spindle shaped, narrowly perforate dextral or sinistral, obliquely, arcuately striate, with oblique, brown streaks, last whorl compressed, aperture truncate above, peristome reflected, projecting beyond outline.

425. *Subzebrinus domina* (Benson)

1857. *Bulimus domina* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 327.
 1870. *Bulimus domina* : Hanley and Theobald, *Conch. Indica*, pl. 22, fig. 5.
 2000. *Subzebrinus domina* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Subzebrinus domina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : India : Kashmir, Punjab.

Shell cylindrical, narrowly perforate, sinistral, obliquely striate and with dark, transverse streaks, aperture subovate, peristome expanded, columella dilated.

Near to *S. candelaris* but comparatively broader in proportion to height. Dextral forms are also recorded.

426. *Subzebrinus eous* (Reeve)

1850. *Bulimus eous* Reeve, *Conch. Icon.*, 5 *Bulimus*, pl. 86, fig. 640.
 1914. *Ena (Subzebrinus) eous* : Gude, *Fauna Brit. India*, Mollusca, 2 : 242.

Distribution : India (No specific locality given).

Shell cylindrical, elongate, stout, compressedly umbilicate, whorls convexly flattened, columella broadly dilated, aperture produced, margins joined by a lamina.

427. *Subzebrinus eremita* (Reeve)

1849. *Bulimus eremita* (Benson) Reeve, *Conch. Icon.*, 5, *Bulimus* pl.78, fig. 573.

1870. *Bulimus eremita* : Hanley and Theobald, *Conch. Indica*, pl. 23, fig. 6.

1914. *Ena (subzebrinus) eremita* : Gude, *Fauna Brit. India*, Mollusca, 2 : 247.

2000. *Subzebrinus eremita* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

2005. *Ena (subzebrinus) eremita* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh), p. 47.

Distribution : India : Himachal Pradesh, Punjab.

Elsewhere : Afghanistan, Tibet.

Shell fairly large, elongate, deeply umbilicate faintly striate, whorls rounded, columella broad, outer lip distinctly curved.

428. *Subzebrinus huttoni* (Pfeiffer)

1846. *Bulimus huttoni* Pfeiffer, *Sym. Hist. Helic.*, 3 : 55 (nom. mut.).

1914. *Ena (subzebrinus) huttoni* : Gude, *Fauna Brit. India*, Mollusca, 2 : 241.

Distribution : India (No specific locality given).

Shell conically oblong, sinistral, narrowly perforate, rugosely obliquely striate; columella dilated, arcuately reflected, peristome expanded and sublabiata.

The original name *Bulimus cylindricus* (Hutton) given by Kuester (*Conch.-cab.*, 1845) was preoccupied hence the name *B. huttoni* was proposed by Pfeiffer (1846).

429. *Subzebrinus kunawurensis* (Reeve)

1849. *Bulimus kunawurensis* (Hutton) Reeve, *Conch. Icon.*, 5 : *Bulimus*, pl. 62, fig. 426.

1870. *Bulimus kunawurensis* : Hanley and Theobald, *Conch. Indica*, pl. 19, fig. 3.

1914. *Ena (Subzebrinus) kunawurensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 242.

2000. *Subzebrinus kunawurensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

Distribution : India : Uttarakhand (Landour?).

Elsewhere : Tibet.

Shell elongate, turreted, with more number of whorls (12), compressedly umbilicate, obsolete striate, sutures crenulate, aperture small, peristome and columella expanded.

430. *Subzebrinus linterae* (Kobelt)

1899. *Buliminus (Napaeus) linterae* Kobelt, *Conch. Cab.*, Fam. Bulimiriidae, p. 560, pl. 88, figs. 6, 7.
 1914. *Ena (Subzebrinus) linterae* : Gude, *Fauna Brit. India*, Mollusca, 2 : 237.
 2002. *Subzebrinus linterae* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : India : Northern India (Gude 1914).

Shell cylindrical, sinistral, perforate, subobliquely striate, rounded at base, peristome expanded, slightly labiate inside. Gude (1914) does not mention any specific locality.

(*Subzebrinus longistaffi* Gude–North West Province (Kuram valley) probably not Indian species).

431. *Subzebrinus mainwaringiana* (Nevill)

1878. *Buliminus (Petraeus) mainwaringianus* Nevill, *Scs. Res. Seond Yarkand Miss.*, Mollusca, p. 19, fig. 28.
 1914. *Ena (Subzebrinus) mainwaringiana* : Gude, *Fauna Brit. India*, Mollusca, 2 : 251, figs. 92, 93, 94.
 2000. *Subzebrinus mainwaringiana* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Subzebrinus mainwaringiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.
 2005. *Subzebrinus mainwaringiana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 135, fig. 94.

Distribution : India : Kashmir, Punjab. (4000-5000 ft.)

Shell rather small, subcylindrical, perforate, very finely striate, whitish with opaque white markings here and there, whorls slightly compressed, peristome thickened.

Gude (1914) described two varieties *S. mainwaringiana major* and *S. mainwaringiana dominula* which were much larger and stouter than the type.

432. *Subzebrinus nivicola* (Reeve)

1849. *Bulimus nivicola* (Benson) Reeve, *Conch. Icon.*, 5 : *Bulimus*, pl. 69, fig. 496.
 1870. *Bulimus nivicola* : Hanley and Theobald, *Conch. Indica*, pl. 22, fig. 9.
 1914. *Ena (Subzebrinus) nivicola*, : Gude *Fauna Brit. India*, Mollusca, 2 : 240.
 2000. *Subzebrinus nivicola* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Subzebrinus nivicola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, 196 : 34.

Distribution : India : (Liti Pass, Western Himalaya, 14,000 ft)

Shell cylindrical, ovate, sinistral, compressely umbilicate, obliquely striate, crenulate at sutures, peristome slightly expanded. Distinct for its very ventricose form and oblique white streaks. Gude (1914) has clarified in details the existing controversy regarding the species name *S. nivicola* visa-a-vis *Pupa sylvatica* Hutton, referred by Reeve.

433. *Subzebrinus pretiosa* (Reeve)

1849. *Bulimus pretiosus* (Cantor) Reeve, *Conch. Icon.*, 5 : *Bulimus*, pl. 83, fig. 619.
 1870. *Bulimus pretiosus* : Hanley and Theobald, *Conch. Indica*, pl. 23, fig. 7.
 1914. *Ena (Subzebrinus) pretiosus* : Gude, *Fauna Brit India*, Mollusca, 2 : 250.
 2000. *Subzebrinus pretiosa* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25
 2002. *Subzebrinus pretiosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : India : Kashmir, Punjab (Jhillum Valley, Punjab)

Differs from the previous species being less ventricose and more elongate, very finely striate and the peristome being only thinly reflected. As observed by Theobald (1878) this species had a very limited range of distribution, being abundant in a particular area.

434. *Subzebrinus rufistrigata* (Reeve)

1849. *Bulimus rufistrigatus* (Benson) Reeve, *Conch. Icon.* 5, *Bulimus* pl. 78. fig. 570.
 1870. *Bulimus rufistrigatus* : Hanley and Theobald, *Conch. Indica*, pl. 23, fig. 10.
 1914. *Ena (Subzebrinus) rufistrigatus* : Gude, *Fauna Brit. India*, Mollusca 2 : 253.
 1972. *Ena rufistrigata* : Rajagopal and Subba Rao, *Rec. zool. Surv. India*, 66(1-4) : 205.
 2000. *Subzebrinus rufistrigatus* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Subzebrinus rufistrigatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, 196 : 34.

Distribution : India : Kashmir, Punjab.

Shell cylindrical unbilicate, nearly smooth, crenulated at the sutures, irregularly marked with whitish streak.

Hanley and Theobald (1870) separated a variety, *gracilis* 'a smaller and more slender form' from Kashmir.

Gude (1914) discussed in details its affinities and differences with a number of allied species. He also mentioned about a sinistral form of the species being examined by him in the British Museum, collected form 'Shimla'.

435. *Subzebrinus salsicola* (Benson)

1857. *Bulimus salsicola* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 327.
 1870. *Bulimus salsicola* : Hanley and Theobald, *Conch. Indica*, pl. 20, fig. 8.
 1914. *Ena (Subzebrinus) salsicola* : Gude, *Fauna Brit. India*, Mollusca, 2 : 248.
 2002. *Subzebrinus salsicola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, 196 : 34.

Distribution : India : Punjab (Salt Range) (? Pentopotomia)

Shell cylindrical ovate, narrowly perforate, obsolete striate, aperture truncately ovate, angulate around the umbilicus. The type of the species could not be found (Gude, 1914).

436. *Subzebrinus sindica* (Reeve)

1848. *Bulimus indicus* (Benson) Reeve, *Conch. Icon.* 5, *Bulimus* pl. 47, fig 303.
 1870. *Bulimus indicus* : Hanley and Theobald, *Conch. Indica*, pl. 20, fig. 6.
 1914. *Ena (Subzebrinus) sindica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 245.
 2000. *Subzebrinus sindica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2005. *Ena (Subzebrinus) sindica* : Surya Rao and Mitra, *Fauna of Western Himalaya* (part 2) Himachal Pradesh, p. 47.

Distribution : India : Himachal Pradesh, Kashmir, Punjab, West Bengal (Darjeeling).

Elsewhere : Afghanistan.

Shell cylindrical elongate, broadly umbilicate, finely concentrically striate, columella and lip expanded and briefly reflected. Hanley and Theobald's (1870) record of this species from Darjeeling in the eastern Himalaya (Gude, 1914, p. 245) is rather intriguing because Gude (1914, p. 229) himself regarded all the Indian species under *Subzebrinus* as "immigrants from the Palaearctic region" showing affinities towards "Afghan, Turkistan and Tibetan forms" and to be confined to the north-western parts of India.

437. *Subzebrinus vibex* (Kuester)

1845. *Bulimus vibex* (Hutton) Kuester, *Conch. Cab.*, *Bulimus* p. 47, pl. 17, figs. 5, 6.
 1870. *Bulimus vibex* : Hanley and Theobald, *Conch. Indica*, pl. 20, fig 5; pl. 22, fig. 8; pl. 23, fig 2.
 1914. *Ena (Subzebrinus) vibex* : Gude, *Fauna Brit. India*, Mollusca, 2 : 236, fig. 88.
 2000. *Subzebrinus vibex* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.
 2002. *Subzebrinus vibex* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.
 2005. *Ena (Subzebrinus) vibex* : Surya Rao and Mitra, *Fauna of Western Himalaya* (part 2) Himachal Pradesh, p. 47.

Distribution : India : Himachal Pradesh, Uttarakhand.

Shell cylindrical, sinistral, narrowly perforate, obliquely striate, aperture roundly trigonal, obliquely truncate, columella dilated. Gude (1914) considered *S. arcuata*, *S. boysiana*, *S. huttoni*, *S. lintera*, *S. nivicola* and *S. vibex* to belong to a homogenous group of species, all being sinistral, having opaque white streaks on the shells and also none exceeding 20 mm. in length.

Family CERASTUIDAE

Genus *Cerastua* Strand 1928438. *Cerastua abyssinicus* (Pfeiffer)

1845. *Bulimus abyssinicus* (Rüppell) Pfeiffer *Zeit. malak.* 2 : 157.
 1848. *Bulimus abyssinicus* : Reeve, *Conch. Icon.* 5 ; *Bulimus* pl. 46, fig. 296.

1870. *Bulimus abyssinicus* : Hanley and Theobald, *Conch. Indica*, pl. 21, fig. 1.

1914. *Cerastus abyssinicus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 263.

Distribution : India : Madhya Pradesh, Maharashtra (Malwa).

Elsewhere : Abyssinia.

Shell ovately acuminate, narrowly perforate, arcuately costulate, rather transparent; whorls concave, aperture oblong-ovate, peristome thin. Occurrence of this species in widely separated regions is commonly attributed to transportation through particular plants (Gude, 1914).

439. *Cerastua densus* (Pfeiffer)

1856. *Bulimus (Petraeus) densus* Pfeiffer, *Malak. Blatt.* 2 : 154.

1874. *Bulimus densus* : Hanley and Theobald, *Conch. Indica*, pl. 79, fig. 6.

1914. *Cerastus densus* : Gude, 1914 *Fauna Brit. India* Mollusca, 2 : 269.

1979. *Cerastus densus* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 12.

2002. *Cerastus densus* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41

Distribution : India : Kerala, Maharashtra.

Shell ovately conical, perforate, densely costulate, sutures marginate, compressed at base, aperture oval, columella arcuate, peristome expanded with white labiation.

440. *Cerastua distans* (Pfeiffer)

1856. *Bulimus distans* Pfeiffer, *Proc. zool. Soc. Lond.*, 1856 : 331.

1902. *Buliminus (cerastus) distans* : Kobelt, *Conch. Cab. Buliminidae*, p. 966.

1914. *Cerastus distans* : Gude, *Fauna Brit. India*, Mollusca, 2 : 270, fig. 101.

Distribution : India Kerala, Maharashtra.

Elsewhere : Persian Gulf.

Shell conically elongate, compressely umbilicate, closely, subarcuately costulate, aperture acuminately suboval, columella dilated, lips expanded.

441. *Cerastua fairbanki* (Pfeiffer)

1857. *Bulimus fairbanki* Pfeiffer, *Proc. zool. Soc. Lond.*, 1857 : 109.

1870. *Bulimus fairbanki* : Hanley Theobald, *Conch. Indica* pl. 20, fig. 9.

1914. *Cerastus fairbanki* : Gude, *Fauna Brit. India*, Mollusca, 2 : 264.

2002. *Cerastus fairbanki* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper.* 196 : 46.

2004. *Cerastus fairbanki* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 136, fig. 95.

Distribution : India : Maharashtra.

Shell ovately conical, compressly umbilicate, distinctly sculptured by widely spaced raised oblique ribs, aperture oval, lips broadly distinct, reflected. Distinct for its beautiful shell-sculpture.

442. *Cerastua jerdoni* (Reeve)

1848. *Bulimus jerdoni* (Benson) Reeve, *Conch. Icon.*, 5 *Bulimus*, pl. 46, fig. 297.

1914. *Cerastus jerdoni* : Gude, *Fauna Brit. India*, Mollusca, 2 : 265.

2002. *Cerastus jerdoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, 196 : 13.

Distribution : India : Maharashtra.

Shell ovate, widely umbilicate, sculptured by fine transeverse and wavy spiral striae, whorls convex, aperture rounded lips expanded not reflected.

Gude (1914) recognised a variety *redfieldi* (Pfeiffer) from the same locality. This variety was described as a distinct species but subsequently reduced to a variety by Pfeiffer himself. The shell is larger and also more distinctly striate.

443. *Cerastua malabaricus* (Pfeiffer)

1857. *Bulimus malabaricus* Pfeiffer. *Malak, Blatt.* 4 : 156.

1914. *Cerastus malabaricus* : Gude, *Fauna Brit. India*, Mollusca 2 : 264, fig. 9.

2002. *Cerastus malabaricus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. paper*, 196 : 12.

Distribution : India : Maharashtra.

Shell conically ovate, narrowly perforate, finely sculptured with both spiral and transverse striae, aperture angulately oval, lips and columella slightly expanded.

Blanford proposed to alter the specific name to *C. deccanensis* based on its actual habitat (Nevill, 1878, p. 133) but Gude (1914) preferred to retain its original name with the contention that a specific name was intended to “designate, not to describe”.

444. *Cerastua moussorianus* (Petit)

1851. *Bulimus moussonianus* Petit, *J. Conchyl.*, 2 : 266. pl. 7, fig. 4.

1870. *Bulimus moussonianus* : Hanley and Theobald, *Conch. Indica*, pl. 21, fig. 4.

1914. *Cerastus moussonianus* : Gude, *Fauna Brit. India.*, Mollusca 2 : 267, fig. 99.

2002. *Cerastus moussonianus* : Ramkrishna and Mitra, *Rec. zool. Surv. India, Occ Paper*, 196 : 40.

2004. *Cerastus moussonianus* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 137, fig. 96.

Distribution : India : Gujarat, Maharashtra.

Shell ovate and swollen, perforate, closely, obliquely striate and also spirally marked, aperture suboval, peristome, reflected but not much expanded. Gude (1914) considered this species to be nearer to *C. abyssinicus* differing by having a more inflated body whorl and the ribs being more crowded.

445. *Cerastua segregatus* (Reeve)

1849. *Bulignus segregatus* (Benson) Reeve *Conch. Indica*, 5, *Bulinus* pl. 79, fig. 587.

1874. *Bulignus segregatus* : Hanley and Theobald, *Conch. Indica*. pl. 80, fig. 10.

1914. *Creastus segregatus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 268.

1972. *Cerastus segregatus* : Rajagopal and Subba Rao, *Rec. zool. Surv. India*, 66 : 198.

2000. *Creastus segregatus* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 25.

2005. *Creastus segregatus* : Surya Rao, and Mitra, *Fauna of Western Himalaya* (part 2) Himachal Pradesh : 46.

Distribution : India : Himachal Pradesh, Kashmir (6000 ft.)

Elsewhere : Turkey, (Turkistan)

Shell pyramidal, umbilicate, obliquely striate, aperture small, rounded, columella broadly, expanded, lip thin, simple.

Genus *Edouardia* Gude, 1914

446. *Edouardia orbis* (Blanford)

1861. *Bulimus orbis* Blanford, *J. Asiat., Soc. Beng.* 30 : 361, pl. 1, fig. 14.

1870. *Bulimus orbis* : Hanley and Theobald, *Conch. Indica*, pl. 20, fig 1.

1914. *Edouardia orbis* : Gude, 1914, *Fauna Brit. India*. Mollusca, 2 : 280.

2002. *Edouardia orbis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. paper No.*, 196 : 13.

2004. *Edouardia orbis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 138, figs. 97, 98.

2005. *Edouardia orbis* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 228.

Distribution : India : Andhra Pradesh, Maharashtra, Tamil Nadu.

Shell elongate-turreted, narrowly perforate, nearly transparent, faintly striate, aperture roundly ovate, lip thin, simple.

This is the only species of the genus *Edouardia* (a new name proposed by Gude (1914) for the East African genus *Conulinus* on Martens, 1895), occurring in India.

Genus *Rhachis* Albers, 1850447. *Rhachis bengalensis* (Lamarck)

1822. *Bulimus bengalensis* Lamarck, *Hist. Nat. Anim. Sans. Vert.* 6(2) : 124.
1874. *Bulimus bengalensis* : Hanley and Theobald, *Conch. Indica*, pl. 80, fig. 7.
1914. *Rachisellus bengalensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 274.
1992. *Rhachis bengalensis* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 39. Zool. Surv. India.
2000. *Rhachis bengalensis* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 243, pl. fig. Zool. Surv. India.
2002. *Rhachis bengalensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ paper No.*, 196 : 47.
2004. *Rhachis bengalensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 139, fig. C. 30.

Distribution : India : Maharashtra, Tamil Nadu, Tripura, West Bengal.

Elsewhere : Bangladesh.

Shell ovate, narrowly perforate, thin faintly spirally striate pale whitish with 3-4 chocolate bands, whorls flatly rounded, peristome thin.

It is arboreal in habit and usually occurs on stems and leaves of shrubs or trees. In Agartala (Tripura) live snails in aestivating condition were collected from wooden structures at a height of about 4 metres.

Although *R. bengalensis* was reported to be occurring in Tamil Nadu and Maharashtra (Gude, 1914) but there are no subsequent records. Its occurrence in Tripura (Mookerjee *et al.*, 2000) may be justified since it was known from Chittagong in Bangladesh.

448. *Rhachis praetermissus* (Blanford)

1861. *Bulimus praetermissus* Blanford, *J. Asiat. Soc. Beng.*, 30 : 360.
1870. *Bulimus praetermissus* : Hanley and Theobald, *Conch. Indica*, pl. 19, figs. 4.
1914. *Rachicillus praetermissus* : Gude *Fauna Brit. India*, Mollusca, 2 : 275.
1989. *Rachicillus praetermissus* : Subba Rao and Mitra, *Fauna of Orissa, State Fauna Series*, 1 : 272, fig. 61. Zool. Surv. India.
2002. *Rachicillus praetermissus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 47.

Distribution : India : Orissa, Maharashtra, Tamil Nadu, West Bengal.

R. praetermissus is intermediate between *R. bengalensis* and *R. punctatus*. It is narrower and more conical than, *R. bengalensis*. From the latter it differs in lacking the transparent spots. More over, it also differs in its banding patterns. Gude (1914) has detailed the range of variations in its banding patterns.

449. *Rhachis pulcher* (Gray)

1825. *Bulimus pulcher* Gray, *Ann. Philos.*, new series, 9 : 414.
 1876. *Bulimus mavortius* : Hanley and Theobald, *Conch. Indica*, pl. 148, fig. 5.
 1878. *Buliminus (Rhachis) pulcher* : Nevill, *Hand List Moll. Indian Mus.*, 1 : 130.
 1914. *Rachisellus pulcher* : Gude, *Fauna Brit. India*, Mollusca, 2 : 276.

Distribution : India : Kerala, Tamil Nadu.

Elsewhere : Sri Lanka.

R. pulcher also has a slender and conical shell which shows variations in banding pattern. Usually with three pinkish bands around the peripheral region. Columella also has a pinkish patch.

450. *Rhachis punctatus* (Anton)

1839. *Bulimus punctatus* Anton, *Verz. Conch.*, p. 42.
 1849. *Bulimus punctatus* : Reeve, *Conch. Icon.*, 5, *Bulimus*, pl. 65, fig. 452.
 1914. *Rachisillus punctatus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 277.
 1961. *Rhachis punctatus* : Ray, *Treubia*, 25(3) : 276.
 1979. *Rhachis punctatus* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 12.
 2004. *Rhachis punctatus* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 140, fig. C. 31.
 2005. *Rhachis punctatus* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 227. Zool. Surv. India.

Distribution : India : Common throughout Andhra Pradesh, Jharkhand, Kerala, Madhya Pradesh, Maharashtra, Orissa, Rajasthan, Tamil Nadu, West Bengal.

Elsewhere : Africa, Sri Lanka.

Shell ovately conical, narrower perforate marked with transverse, fuscous streaks throughout and a single chocolate band on the body whorl, peristome slightly thickened.

Occurs on stems and barks of large trees.

Gude (1914) has discussed in details its wide distributional range and also its relationships with some other African species.

451. *Rhachis trutta* (Blanford)

1866. *Bulimus trutta* Blanford, *J. Asiat. Soc. Beng.*, 35 : 42.
 1874. *Bulimus trutta* : Hanley and Theobald, *Conch. Indica*, pl. 80, fig. 4.

1878. *Bulimus (Rhachis) trutta* : Nevill, *Hand List, Moll. Indian Mus.* 1 : 131.

1914. *Rhachis trutta* : Gude, *Fauna Brit. India, Mollusca*, 2 : 273.

2002. *Rhachis trutta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.* 196 : 12.

Distribution : India : Tamil Nadu (Anamullay Hills).

Shell somewhat close to *R. bengalensis*, more mid with two rows of chestnut spots, of quadrate shape, all along the shell. Peristome thin, columella reflected.

Suborder MESURETHRA

Superfamily CLAUSILIODEA

Family CLAUSILIIDAE

Subfamily PHAEDUSINAE

Genus *Euphaedusa* O. Boettger, 1877

452. *Euphaedusa aborensis* (Godwin-Austen)

1918. *Clausilia aborensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 618, text figs. 10A, E, E1, EII.

2000. *Phaedusa aborensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.

2002. *Phaedusa aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution : India : Arunachal Pradesh (Abor Hills).

453. *Euphaedusa annandalei* (Preston)

1915. *Clausilia (phaedusa) annandalei* Preston, *Rec. Indian Mus.*, 8 : 538.

2000. *Phaedusa annandalei* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.

2002. *Phaedusa annandalei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution : India, Arunachal Pradesh.

454. *Euphaedusa bacillum* (Hanley and Theobald)

1870. *Clausilia bacillum* (Benson) Hanley and Theobald, *Conch. Indica*, pl. 24, fig. 1.

1914. *Clausilia (Phaedusa) bacillum* : Gude *Fauna Brit. India, Mollusca*, 2 : 305.

1995. *Phaedusa bacillum* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 59, pl. 9, figs. 1, 2.

2000. *Phaedusa bacillum* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26

2004. *Euphaedusa bacillum* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian and Snails*, Zool. Surv. India, p. 141, figs. 99, 100.

Distribution : India : Assam, Meghalaya, Nagaland.

Elsewhere : Myanmar.

Shell fusiform, elongate, sinistral, imperforate, finely obliquely striate, last whorl compressed and narrowed, aperture pear shaped, outer lip arcuate, thickened, two entering lamellae above. Two palatal plicae visible through the semitransparent shell from outside. These palatal plicae of varying number and shape are the characteristic of the family Clausiliidae. These regulate the positioning and movement of the elastic plate "clausilium" used for closing the aperture.

455. *Euphaedusa ios* (Benson)

1852. *Clausilia ios* Benson, *Ann. Mag. nat. Hist.*, (2)10 : 351.

1876. *Clausilia ios* : Godwin-Austen. *J. Asiat. Soc. Beng.*, 45 : 318, pl. 8, fig. 13.

1914. *Clausilia (Phaedusa) ios* : Gude, *Fauna Brit. India*, Mollusca, 2 : 308.

2000. *Phaedusa ios* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.

Distribution : India : Arunachal Pradesh, Sikkim, West Bengal (Darjeeling) (5000-9000 ft.) Usually occurs near the roots of large trees.

Elsewhere : Bhutan, Nepal.

Shell fusiform, sinistral narrowly perforate, obliquely costulate, aperture pyriform, entering lamellae unequal, palatal plicae varies in size, shape and number.

456. *Euphaedusa monticola* (Blanford)

1872. *Clausilia (Phaedusa) monticola* (Godwin-Austen) Blanford, *J. Asiat. Soc. Beng.*, 41 : 204, pl. 9, fig. 13.

1875. *Clausilia monticola* : Hanley and Theobald, *Conch. Indica*, pl. 118, fig. 7.

1914. *Clausilia (Phaedusa) monticola* : Gude, *Fauna Brit. India*, Mollusca, 2 : 311.

2000. *Phaedusa monticola* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.

2002. *Phaedusa monticola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.

Distribution : India : Assam (Burrail range, North Cachar) (6500 ft.).

The shell in this species is distinct for its long and slender shell with 12 whorls, also the lips of aperture are much expanded. Palatal plicae 6-7 in number.

457. *Euphaedusa shimangensis* (Godwin-Austen)

1916. *Clausilia shimangensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 619, text-fig. 10B.

2000. *Phaedusa shimangensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.

2002. *Phaedusa shimangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution : India : Arunachal Pradesh (Shimang, Abor Hills).

458. *Euphaedusa waageni* (Stoliczka)

1872. *Clausilia waageni* Stoliczka, *J. Asiat. Soc. Beng.*, 41 : 209, pl. 9, fig. 19.
 1914. *Clausilia (Phaedusa) waageni* : Gude, *Fauna Brit. India*, Mollusca, 2 : 307, fig. 105.
 2000. *Phaedusa waageni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2002. *Phaedusa waageni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 34.

Distribution : India : Punjab (Western Himalaya, 9000 ft.).

Shell is nearer to *E. ios* and *E. monticola*, more closely sculptured; upper lamella interrupted interiorly, ascending and again descending.

'This is the most westerly known species of the genus in 'India' (Gude, 1914).

Genus *Hemiphaedusa* O. Boettger, 1877

Subgenus *Cylindrophaedusa* O. Boettger, 1877

459. *Hemiphaedusa (Cylindrophaedusa) Cylindrica* (Pfeiffer)

1846. *Clausilia cylindrica* (Gray) Pfeiffer, *Symb. Hist. Helic.*, 3 : 93.
 1872. *Clausilia cylindrica* : Blanford, *J. Asiat. Soc. Beng.*, 41 : 199, pl. 9, fig. 1.
 1914. *Clausilia (Cylindrophaedusa) cylindrical* : Gude, *Fauna Brit. India*, Mollusca, 2 : 337, fig. 117.
 2000. *Phaedusa Cylindrica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2002. *Phaedusa Cylindrica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.
 2004. *Hemiphaedusa (Cylindrophaedusa) Cylindrica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 143, fig. 101.
 2005. *Phaedusa Cylindrica* : Subba Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh) : 47

Distribution : India : Assam, Himachal Pradesh, Punjab, Uttarakhand.

Shell subcylindrical, elongate, often decollate imperforate, obliquely striate, last whorl compressed, lips of aperture reflected, upper lamella oblique, lower bifurcating, palatal plicae 3.

460. *Hemiphaedusa (Cylindrophaedusa) turritella* (Sowerby)

1870. *Clausilia cylindrica* Hanley and Theobald (non-Pfeiffer), *Conch. Indica*, pl. 12 pl. 24, fig. 4.
 1875. *Clausilia turritella* : Sowerby, *Conch. Icon.*, 20, *Clausilia* pl. 7, fig. 65.
 1914. *Clausilia (Cylindrophaedusa) turritella* : Gude, *Fauna Brit. India*, Mollusca, 2 : 339.
 2002. *Oospina turritella* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution : India : (Uttar Pradesh/Uttarakhand)–Landour.

Shell narrow, elongate with more convex whorls, last whorl oblong, not compressed, aperture narrow with a single columellar plait.

Genus *Oospira* Blanford, 1872461. *Oospira assaluensis* (Blanford)

1872. *Clausilia (Phaedusa) assaluensis* (Godwin-Austen) Blanford, *J. Asiat. Soc. Beng.*, **41** : 202, pl. 9, fig. 8.
1876. *Clausilia assaluensis* : Hanley and Theobald, *Conch. Indica*, pl. 159, fig. 5.
1914. *Clauasilia (Phardusa) assaluensis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 323.
2000. *Oospira assaluensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 26.
2002. *Oospira assaluensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, **196** : 25.

Distribution : India : Assam, Meghalaya (7000 ft.)

Shell fusiform, turreted, imperforate, striate, crenulate at the sutures, aperture pyriform, parietal plicae 2, upper palatal plicae long and straight.

462. *Oospira corticina nicobarica* (Gude)

1914. *Clausilia (Pseudonemia) nicobarica* Gude, *Fauna Brit. India*, Mollusca, **2** : 328.
1953. *Phaedusa corticina nicobarica* : Loosjer *Benfortica*, **3(31)** : 25, fig. 3.
1995. *Phaedusa corticina nicobarica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 38, pl. 5, fig 3.
2002. *Phaedusa corticina nicobarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.
2004. *Oospira coticina nicobarica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 144, figs. C 32, C 33.

Distribution : India : Nicobar Islands.

Shell fusiform, imperforate, brownish, finely striate, last whorl compressed parietal lamella 2, upper low, lower raised, palatal plicae 2, lips of aperture expanded and reflected.

463. *Oospira ferruginea* (Blanford)

1872. *Ccausilia (Phaedusa) ferruginea* Blanford, *J. Asiat. Soc. Beng.*, **41** : 202, pl. 9. fig. 7.
1875. *Clausilia ferruginea* : Hanley and Theobald, *Conch. Indica*, pl. 118, figs. 5, 6.
1914. *Clausilia (Phaedusa) ferruginea* : Gude, *Fauna Brit. India*, Mollusca, **2** : 322.
2000. *Oospira ferruginea* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 26.
2002. *Phaedusa ferruginea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 25.

Distribution : India : Nagaland.

Shell much elongate, very narrowly perforate, striate, last whorl rounded at base, distinctly crenulate at sutures palatal plicae 5.

464. *Oospira loosjesiana* (Ray and Roy Choudhuri)

1968. *Pseudonemia (Pseudonenu)* *loosjesiana* Ray and Roychoudhury, *Arch. Moll.*, 98 : 91, text-figs, 1, 2.
 2000. *Oospira loosjesiana* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2004. *Oospira loosjesiana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 145, fig. C. 34.

Distribution : India : Arunachal Pradesh (Namchik, Tirap)

Shell long, uniform, imperforate, brownish, finely vertically striate, spiral striae few in number, aperture wide, lips thickened, reflected, lower parietal lamella low, broad; palatal plicae 5-6. Known by type only.

465. *Oospira loxostoma* (Benson)

1836. *Clausilia loxostoma* Benson, *J. Asiat. Soc. Beng.*, 5 : 353.
 1914. *Clausilia (Pseudonemia) loxostoma* : Gude, *Fauna Brit. India*, Mollusca, 2 : 324.
 1992. *Phaedusa loxostoma* : Thakur, Mitra and Maity, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 87.
 1995. *Phaedusa loxostoma* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 59, pl. 9, figs. 3, 4.
 2000. *Oospira loxostoma* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2004. *Oospira loxostoma* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 145, figs. 102, 103.

Distribution : India : Assam, Meghalaya, Nagaland, West Bengal (Darjeeling, 4000-5000ft.).

Elsewhere : Bangladesh

Shell fusiform, imperforate, light brownish with a whitish margin along the sutures, faintly striate, sutures crenulated, aperture very much oblique.

466. *Oospira nevilleiana* (Moellendorff)

1882. *Clausilia nevilleiana* Moellendorff, *J. Asiat. Soc. Beng.*, 51(2) : 11, pl. 1., fig. 11.
 1895. *Clausilia nevilleiana* : Godwin-Austen, *Proc. zool. Soc.*, Lond., 1895 : 443.
 1914. *Clausilia (Pseudonemia) nevilleiana* : Gude, *Fauna Brit. India*, Mollusca, 2 : 325.
 2002. *Phaedusa nevilleiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5.

Distribution : India : Nicobar Islands.

Shell fusiform, obliquely striate, aperture elongately pyriform, margins of aperture free, angulately sinuate above.

467. *Oospira wuellerstorfi* (Zelebor)

1867. *Clausilia wuellerstorfi* Zelebor, *K.K. zool. bot. Ges.*, **17** : 806.
1914. *Clausilia (Pseudonenia) wuellerstorfi* : Gude, *Fauna Brit. India*, Mollusca, **2** : 327, fig. 113.
1991. *Acrophaedusa wuellerstorfi* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 37., pl. 5. fig. 4.
2002. *Oospira wuellerstorfi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.
2004. *Oospira wuellerstorfi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, p. 146, figs C 35, C 36.

Distribution : India : Nicobar Islands.

Shell imperforate yellowish brown, obliquely very finely striate, lips of aperture free, upper lamella raised lower ascending interiorly, palatal plicae 3.

Suborder SIGMURETHRA

Superfamily ACHATINOIDEA

Family FERUSSACIIDAE

Genus *Cecilioides* Ferussac, 1814

Subgenus *Geostilbia* Crosse, 1867

468. *Cecilioides (Geostilbia) balanus* (Reeve)

1850. *Achatina balanus* (Benson) Reeve. *Conch. Icon.*, **5** : *Achatina*, pl. 20, fig. 109.
1864. *Achatina balanus* : Benson, *Ann. Mag. nat. Hist.*, (3)**13** : 137.
1875. *Achatina balanus* : Hanley and Theobald, *Conch. Indica*, pl. 102, fig. 10.
1914. *Caecilioides (Geostilbia) balanus* : Gude, *Fauna Brit. India*, Mollusca, **2** : 374.
2000. *Cecilioides balanus* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 26.
2002. *Cecilioides balanus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.
2004. *Cecilioides (Geostilbia) balanus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 148, text-fig. 38.
2005. *Cecilioides balanus* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh), p. 48.

Distribution : India : Gujarat, Kashmir, Madhya Pradesh, Rajasthan, Uttar Pradesh, also S. India.

Elsewhere : Sind.

Shell small, narrow, fusiform, imperforate, smooth, whorls rapidly increasing in width, sutures deep and oblique, aperture small, columella arched, roundly truncate at base.

469. *Cecilioides (Geostilbia) bensoni* Gude

1914. *Caecilioides (Geostilbia) bensoni* Gude, *Fauna Brit. India*, Mollusca, 2 : 375, fig. 121.
 2004. *Caecilioides (Geostilbia) bensoni*; Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 149, text-fig. 39.

Distribution : India : Gujrat, Madhya Pradesh, Rajasthan (on plains, drier parts).

Shell comparatively larger, cylindrically conoid, imperforate, smooth, whorls with flattered sides, aperture more elongate and narrower.

Genus *Coilosteles* Benson, 1864

470. *Coilosteles scalaris* Benson

1864. *Coilosteles scalaris* Benson, *Ann. Mag. nat. Hist.*, (3) 13 : 136.
 1875. *Coilosteles scalaris* : Hanley and Theobald, *Conch. Indica*, pl. 156, fig. 5.
 1914. *Coilosteles scalaris* : Gude, *Fauna Brit. India*, Mollusca, 2 : 376.
 2000. *Coilosteles scalaris* : Dey and Mitra *Rec. zool. Surv. India*, 98(2) : 26.
 2002. *Coilosteles scalaris* : Ramakrishna and Mitra, *Rec. zool. Surv. India. Occ. Paper No.*, 196 : 46.
 2004. *Coilosteles scalaris* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 150, text-figs. 40.
 2005. *Coilosteles scalaris* : Surya Rao and Mitra, *Fauna of Western Himalaya (part 22)*, Himachal Pradesh : 48.

Distribution : India : Himachal Pradesh, Kashmir, Madhya Pradesh, Rajasthan, Uttar Pradesh.

Elsewhere : Sind.

Shell small imperforate, cylindrically elongate, lower whorls sculptured, aperture semionte, peristome slightly thickened, columella with a fold above at the parietal junction.

Family SUBULINIDAE

Subfamily SUBULININAE

Genus *Subulina* Beck, 1837

471. *Subulina octona* (Bruguiere)

1789. *Bulimus octona* Bruguiere, *Encycl. Meth. Vers.*, 1 : 325.
 1914. *Subulina octona* : Gude, *Fauna Brit. India*, Mollusca, 2 : 341.
 1991. *Subulina octona* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, 126 : 45, pl. 4, fig. 8.
 2004. *Subulina octona* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India : 15, fig. 104.
 2005. *Subulina octona* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5 (part 5) : 327. Zool. Surv. India.

2005. *Subulina octona* : Surya Rao and Mitra, *Fauna of Western Himalaya* (part 2), Himachal Pradesh : 48

Distribution : India : Andaman and Nicobar Islands, Andhra Pradesh, Kerala (Vipin Island), Maharashtra, Tamil Nadu.

Elsewhere : Very widely distributed through America (North and South), Europe, Mauritius, Seycheles, Sri-Lanka, West Indies, Western Africa. etc. One of the few most widely distributed land snails of the world.

Shell thin turreted, imperforate, gradually tapering, irregularly striate, sutures crenulate, aperture ovate, columella arched above abruptly truncate below.

Genus *Bacillum* Theobald, 1870

472. *Bacillum cassiacum* (Reeve)

1849. *Achatina cassiaca* (Benson) Reeve, *Conch. Icon.*, 5 : *Achatina*, pl. 17, fig. 85.

1870. *Achatina (Bacillum) cassiaca* : Hanley and Theobald, *Conch. Indica*, pl. 36, fig. 5.

1914. *Bacillum cassiacum* : Gude, *Fauna Brit. India*, Mollusca, 2 : 345

2000. *Bacillum Cassiacum* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.

2002. *Bacillum Cassiacum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.

Distribution : India Arunachal Pradesh, Assam, Nagaland.

Shell elongate, subulate, imperforate, rather coarsely sculptured, whorls flat, sutures impressed, aperture ovate, peristome, thin, columella arched, truncate at base.

As Gude (1914) mentioned the species name '*cassiacum*' obviously originated as a result of some misconception about its original locality. The species was never collected from Khasi Hills.

473. *Bacillum daflaensis* (Godwin-Austen)

1876. *Glessula daflaensis* Godwin-Austen, *J. Asiat. Soc. Beng*, 45 : 316. pl. 8, fig. 10.

1914. *Bacillum daflaensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 343.

1995. *Bacillium daflaensis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 62, pl. fig. 12. *Zool. Surv. India*.

2000. *Bacillum daflaensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.

2002. *Bacillum daflaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution : India : Arunachal Pradesh.

Shell elongate-turreted imperforate, obliquely striate, olive-green with a few dark streaks, peristome slightly thickened, marks indicating the positions of earlier apertures are often seen on the whorls.

474. *Bacillum erosum* (Blanford)

1871. *Glessula erosa* Blanford, *J. Asiat. Soc. Beng.*, 40 : 43, pl. 2, fig. 7.
 1914. *Bacillum erosum* : Gude, *Fauna Brit. India*, Mollusca, 2 : 344.
 1992. *Bacillum erosum* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 90. *Zool. Surv. India*.
 2000. *Bacillum erosum* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2002. *Bacillum erosum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.
 2004. *Bacillum erosum* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*; p. 153, fig. 105, 106.

Distribution : India : Sikkim, (5,500 ft) W. Bengal (Darjeeling).

Shell elongate, thin, straw coloured with some darker oblique markings, obliquely striate whorls flat-sided, columella arched, truncate below.

475. *Bacillum muspratti* Gude

1914. *Bacillum muspratti* Gude, *Fauna Brit. India*, Mollusca, 2 : 346, fig. 118.
 2000. *Bacillum muspratti* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2002. *Bacillum muspratti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.

Distribution : India : Nagaland.

Shell long, turreted straw coloured; irregularly striate both obliquely and spirally ; peristome thickened, basal margin arcuate, columella curved slightly, truncate below.

476. *Bacillum orthoceras* (Godwin-Austen)

1875. *Glessula orthoceras* Godwin-Austen, *J. Asiat. Soc. Beng.*, 44 : 2, pl. 1, fig. 4.
 1914. *Bacillum orthoceras* : Gude, *Fauna Brit. India*, Mollusca, 2 : 348.
 1995. *Bacillum orthoceras* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 62, pl. 11, figs 3, 4. *Zool. Surv. India*.
 2000. *Bacillum orthoceras* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2002. *Bacillum orthoceras* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.
 2004. *Bacillum orthoceras* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*. p. 154, figs. 107, 108.

Distribution : India : Arunachal Pradesh, Meghalaya, Nagaland.

Shell long and slender, obliquely ribbed, whorls slightly convex, aperture pyriform, peristome thin, rounded below, a thin parietal callus present.

Gude (1914) recognised a variety *B. orthoceras austeni* Pilsbery from Naga Hills, with a broader last whorl and stronger sculpture.

477. *Bacillum theobaldi* (Hanley)

1870. *Achatina (Electra) theobaldi* (Hanley Ms.) Hanley and Theobald, *Conch. Indica*, p. 9, pl. 17, fig. 5.
 1871. *Achatina (Glessula) theobaldi* : Hanley *J. Asiat. Soc. Beng.*, **39** : 395 (no description).
 1906. *Bacillum theobaldi* : Pilsbry, *Moll. Conch.*, (2)**18** : 4, pl. fig. 8.
 1914. *Bacillum theobaldi* : Gude, *Fauna Brit. India*, Mollusca, **2** : 344.

Distribution : India : North-east India (No locality mentioned).

Nearer to *B. cassiacum*, differes being smooth and little more convex.

Genus *Curvella* Chaper, 1885

478. *Curvella blanfordi* Gude

1914. *Curvella blanfordi* Gude, *Fauna Brit. India*, Mollusca, **2** : 350, fig. 119.
 2000. *Curvella blanfordi* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 27.
 2002. *Curvella blanfordi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.
 2004. *Curvella blanfordi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 155, fig. 41.

Distribution : India : Sikkim, West Bengal (Darjeeling).

Shell elongately conoid, narrowly perforate closely striate, whorls flat sided; aperture elliptical, columella strongly twisted, nearly covers the umbilicus, sinuate below, peristone thin.

479. *Curvella khasiana* (Godwin-Austen)

1872. *Bulimus (Harpalus) khasianus* Godwin-Austen *Proc. zool Soc., Lond.*, p. 516, pl. 36. fig. 7.
 1914. *Curvella khasiana* : Gude, *Fauna Brit. India*, Mollusca, **2** : 353.
 1992. *Curvella khasiana* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3(part 9)** : 91. Zool Surv. India.
 1995. *Curvella khasiana* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4(part 8)** : 63, pl. 11, figs. 6, 7. Zool Surv. India.
 2000. *Curvella khasiana* : Dey and Mitra *Rec. zool. Surv. India*, **98(2)** : 27.
 2002. *Curvella khasiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45, pl. 13, fig. 4, 5.
 2004. *Curvella khasiana* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool Surv. India, p. 155, fig. 109.
 2007. *Curvella khasiana* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 114 Zool Surv. India.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Nagaland, Sikkim, West Bengal (Darjeeling) (2,500-7000 ft.)

Shell ovately conical, narrowly perforate, glossy, finely striate, whorls convex, last whorl smaller, large, aperture ovate, columella twisted.

Size of the shell in the species varies considerably in different localities and different altitudes (Gude, 1914).

480. *Curvella munipurensis* (Godwin-Austen)

1872. *Bulimus (Harpalus) munipurensis* Godwin-Austen *Proc. zool. Soc.*, Lond, p. 516, pl. 30, fig.8.

1876. *Bulimus (Harpalus) munipurensis* : Hanley and Theobald, *Conch. Indica*, pl. 148, figs. 1, 4.

1914. *Curvella numipurensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 153.

2000. *Curvella munipurensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2002. *Curvella munipurensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.

Distribution : India : Manipur, (7000 ft.)

Shell elongate, narrowly perforate, distinctly decussated, whorls convex, aperture ovate, peristome acute, arched, columella slightly twisted.

481. *Curvella sikkimensis* (Reeve)

1830. *Bulimus sikkimensis* Reeve, *Conch. Icon.*, 5, *Bulimus*, pl. 87, fig. 651.

1870. *Bulimus sikkimensis* : Hanley and Theobald, *Conch. Indica*, pl. 19, fig. 7.

1914. *Curvella sikkimensis* : Gude, *Fauna Brit. India*. Mollusca, 2 : 349.

1992. *Curvella sikkimensis* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, (part 9) : 92. *Zool Surv. India*.

2000. *Curvella sikkimensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2002. *Curvella sikkimensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper*, 196 : 35.

Distribution : India : Sikkim, West Bengal (Darjeeling).

Shell ovate inflated with a rather short spire, vertically striate above, lower whorls decussated, aperture oblong, columella twisted, reflected, outerlip sinuate above.

Genus *Glessula* Von Marteus 1860

482. *Glessula abnormis* Godwin-Austen

1920. *Glessula abnormis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 43, pl. 110, fig. 22.

Distribution : India : Arunachal Pradesh (Dafla Hills), Meghalaya (Khasi Hills).

483. *Glessula aborensis* Godwin-Austen

1918. *Glessula aborensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 618.
 2000. *Glessula aborensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 27.
 2002. *Glessula aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.

Distribution : Arunachal Pradesh (Abor Hills).

484. *Glessula amentum* (Reeve)

1849. *Achatina amentum* (Benson), Reeve, *Conch. Icon.*, **5**, *Achatina*, pl.17, fig. 82.
 1860. *Achatina amentum* : Benson, *Ann. Mag. nat. Hist.*, (3) **5** : 464.
 1909. *Glessula amentum* : Pilsbry, *Man. Conch.*, (2) **20** : 77, pl.10, figs. 1-4.
 1914. *Glessula amentum* : Gude, *Fauna Brit. India*, Mollusca, **2** : 419.
 2002. *Glessula amentum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 42.

Distribution : India : Orissa, West Bengal.

Shell cylindrically turreted, thin, indistinctly striate, whorls rounded, aperture ovate, columella arched and twisted.

485. *Glessula anamullica* (Blanford)

1866. *Achatina anamullica* Blanford, *J. Asiat. Soc. Beng.*, **35** : 37.
 1909. *Glessula anamullica* : Pilsbry, *Man. Conch.*, (2)**20** : 72.
 1914. *Glessula anamullica* : Gude, *Fauna Brit. India*, Mollusca, **2** : 395.
 2002. *Glessula anamullica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Kerala, Tamil Nadu (Anamullaya Hill, Travancore Hill).

Shell long, ovately turreted, chocolate coloured, finely spirally striate, whorl slightly convex, semioval, peristome thin, columella arcuate, truncate below.

486. *Glessula arthuri* (Benson)

1864. *Achatina arthuri* Benson, *Ann. Mag. nat. Hist.*, (3) **13** : 209.
 1870. *Achatina (Electra) arthuri* : Hanley and Theobald, *Conch. Indica*, pl. 36, fig. 3.
 1909. *Glessula arthuri* : Pilsbry, *Man. Conch.*, (2) **20** : 79, pl. 10, fig. 7.
 1914. *Glessula arthuri* : Gude, *Fauna Brit. India*, Mollusca, **2** : 423.
 2002. *Glessula arthuri* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.

Distribution : India : Maharashtra. (Mahablaswar).

Shell ovately conical, plicately spirally striate, whorls 7-8, convex, sutures crenulate aperture ovate, columella obliquely truncate below. Though Pilsbry (1909) synonymised it under *G. orophilla*, Gude (1914) treated it as a distinct species.

487. *Glessula baculina* Blanford

1871. *Glessula baculina* Blanford, *J. Asiat. Soc. Beng.*, **40** : 43, pl.2, fig. 6.
 1874. *Achatina (Electra) baculina* : *Conch. Indica*, pl. 78. fig.6.
 1909. *Glessula tenuispira* var, *baculina* : Pilsbry, *Man. Conch.*, (2) **20** : 88, pl. 9, fig. 2.
 1914. *Glessula baculina* : Gude, *Fauna Brit. India*, Mollusca, **2** : 379.
 2000. *Glessula baculina* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 27.
 2002. *Glessula baculina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.

Distribution : India : Meghalaya, Sikkim, West Bengal (Darjeeling).

Shell elongate turreted, slender, obliquely, strongly striate, whorls 13-14, rather convex, sutures crenulate, aperture ovately triangular, columella abruptly curved and truncate at base.

488. *Glessula barakensis* Godwin-Austen

1920. *Glessula barakensis* Godwin-Austen, *Land and Freshwater Moll. India*, **3(1)** : 49, pl. 112, fig. 12.

Distribution : India : Assam (Barak valley), Nagaland (Naga Hills).

489. *Glessula brevis* (Pfeiffer)

1861. *Achatina brevis* Pfeiffer, *Proc. zool. Soc.*, Lond., **1861** : 387.
 1909. *Glessula brevis* : Pilsbry, *Man. Conch.*, (2)**20** : 85, pl. 13, fig. 13.
 1914. *Glessula brevis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 439.
 2002. *Glessula brevis* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.
 2005. *Glessula brevis* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5(part 5)** : 230. Zool Surv. India.

Distribution : Andhra Pradesh, Maharashtra, Orissa (Jeypore Hills).

Shell conically ovate, nearly transparent, finely striate, whorls 6, sutures oblique; aperture oval, sinuate, peristome thin; columella arched; horizontally truncate below.

490. *Glessula beddomei* (Blanford)

1866. *Achatina beddomei*, *J. Asiat. Soc. Beng.*, **35** : 41.
 1875. *Achatina beddomei* : Hanley and Theobald, *Conch. Indica*, pl. 102, fig. 8.
 1909. *Glussula beddomei* : Pilsbry, *Man. Conch.*, (2) **20** : 73, pl. 11, figs. 10, 11.
 1914. *Glussula beddomei* : Gude, *Fauna Brit. India*, Mollusca, **2** : 398.
 2002. *Glussula beddomei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Tamil Nadu (Anamullaya Hills, 5000-7000 ft.).

Shell turreted, solid, finely and closely striate, whorls 7-8 convex, last whorl high (almost half of total length), aperture pyriform, peristome and columella both thickened.

491. *Glessula bensoniana* (Pfeiffer)

1851. *Achatina bensoniana* Pfeiffer, *Zeits. Malak.*, **8** : 27.
 1881. *Stenogyra (Glessula) bensoniana* : Nevill, *J. Asiat. Soc. Beng.*, **50** : 137, pl. 5, fig.16.
 1909. *Glessula bensoniana* : Pilsbry, *Man. Conch.*, (2) **20** : 67, pl. 12, figs. 13, 14.
 1914. *Glessula bensoniana* : Gude, *Fauna Brit. India*, Mollusca, **2** : 515.
 2002. *Glessula bensoniana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.

Distribution : India : Andhra Pradesh, Tamil Nadu.

Shell oblong, elongate, striate, whorls 8-9, sutures impressed, crenulate, aperture semioval, columella arched, truncate, peristome thin, simple.

492. *Glessula blanda* Gude

1914. *Glessula blanda* Gude, *Fauna Brit. India*, Mollusca, **2** : 415, fig.131.
 2002. *Glessula blanda* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.

Distribution : India : Tamil Nadu (Anamullaya Hills).

Shell ovately conoid, not much high, finely striate, spire rather narrow, whorls 8-9 flattened, aperture narrowly ovate, peristome curved at base, columella arcuate, obliquely truncate.

493. *Glessula bollampattiana* Hanley and Theobald

1876. *Achatina bollampatana* (Beddome) Hanley and Theobald, *Conch. Indica*, pl. 156, fig. 1.
 1881. *Stenogyra (Glessula) bollampattiana* : *J. Asiat. Soc. Beng.*, **50** : 139.
 1909. *Glessula bollampattiana* : Pilsbry, *Man. Conch.*, (2) **20** : 74, pl. 11, fig. 12.
 1914. *Glessula bollampattiana* : Gude, *Fauna Brit. India*, Mollusca, **2** : 401.
 2002. *Glessula bollampattiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India., Occ. Paper No.*, **196** : 13.

Distribution : India : Kerala (Palghat Hills), Tamil Nadu (7000ft.)

Shell ovately conoid, finely closely decussately (granulately) striate, whorls 7-8 flat sided, sutures marginate, aperture ovate, peristome, thickened, curved, arcuate at base, columella obliquely truncate.

494. *Glessula bottelus* (Benson)

1860. *Achatina bottelus* Benson, *Ann. Mag. nat. Hist.*, (3) **5** : 465.
 1870. *Achatina (Electra) bottelus* : Hanley and Theobald, *Conch. Indica*, pl. 35, fig. 4.
 1909. *Glessula bottelus* : Pilsbry, *Man. Conch.*, (2) **20** : 78, pl. 10, fig.6.
 1914. *Glessula bottelus* : Gudi, *Fauna Brit. India*, Mollusca, **2** : 422.

2002. *Glessula bottelus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.

Distribution : India : Tamil Nadu (Nilgiris).

Shell oblong, vertically striate, spiral sculpture indistinct, whorls 7, flattened, sutures crenulate aperture suboval, columella arcuate, vertically truncate, parietal callus present.

495. *Glessula burrailensis* Godwin-Austen

1875. *Glessula burrailensis* Godwin-Austen, *J. Asiat. Soc. Beng.*, **44** : 3, pl. 1, fig. 6.

1909. *Glessula burrailensis* : Pilsbry, *Man. Conch.*, (2) **20** : 92, pl.7, fig. 9, 10.

1914. *Glessula burrailensis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 387.

2000. *Glessula burrailensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 27.

2002. *Glessula burrailensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Assam (Burrail range, 7000 ft.).

Shell long, solid, distinctly spirally striate, brownish when fresh, whorls 10 rather flat; aperture fusiform, peristome much thickened, margin brownish.

496. *Glessula butleri* Godwin-Austen

1875. *Glessula butleri* Godwin-Austen, *J. Asiat. Soc. Beng.*, **44** : 4, pl. 1, fig. 7.

1909. *Glessula butleri* : Pilsbry, *Man. Conch.*, (2)**20** : 92, pl. 11. figs. 1, 2.

1914. *Glessula butleri* : Gude, *Fauna Brit. India*, Mollusca, **2** : 388.

2000. *Glessula butleri* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 27.

2002. *Glessula butleri* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Assam. (East Burrail range, 6000 ft.)

Shell very thin and brittle, tumid with rounded whorls 8, faintly striate, apex distinctly blunt, last whorl swollen, aperture part shaped, peristome thin.

497. *Glessula canaraensis* Godwin-Austen

1920. *Glessula canaraensis* Godwin-Austen, *Land and Freshwater Moll. India*, **3(1)** : 14, pl. 109, fig. 8.

Distribution : India : Assam (North Cachar).

498. *Glessula canarica* Beddome

1906. *Glessula canarica* Beddome, *Proc. malac. Soc.*, London, **7** : 164, pl. 15. fig. 4.

1909. *Glessula canarica* : Pilsbry, *Man. Conch.*, (2)**20** : 72, pl. 8, figs. 7, 8.

1914. *Glessula canarica* : Gude, *Fauna Brit. India*, Mollusca **2** : 394.

2002. *Glessula canarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Karnataka (South Canarra Ghats).

Shell oblong with a rather blunt spire, distinctly vertically striate, faintly decussate, whorls 9 flattened, aperture semioval, columella arcuate, truncate below.

499. *Glessula ceylanica* (Pfeiffer)

1845. *Achatina ceylanica* Pfeiffer, *Zeits. Malak.*, **2** : 157.

1870. *Achatina (Electra) ceylanica* : Hanley and Theobald, *Conch. Indica*, pl. 17, fig. 4.

1878. *Stenogyra (Glessula) ceylanica* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 172.

1909. *Glessula ceylanica* : Pilsbry, *Man. Conch.*, (2) **20** : 57, pl. 6, figs. 7, 8.

1914. *Glessula ceylanica* : Gude, *Fauna Brit. India, Mollusca*, **2** : 403.

1975. *Glessula ceylanica* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 13.

Distribution : India : Maharashtra (Pune).

Elsewhere : Sri Lanka.

Shell oblong-ovate, with a pyramidal spire, whorls 7 convex striate, aperture semioval, columella arched, abruptly truncate, peristome thickened. Subba Rao and Mitra recorded this species from Pune, Maharashtra based on material present in National Zoological Collection, however Gude (1914) did not mention any other locality outside Sri Lanka for this species.

500. *Glessula chessoni* (Benson)

1860. *Achatina chessoni* Benson, *Ann. Mag. nat. Hist.*, (3)**5** : 462.

1872. *Achatina (Electra) chessoni* : Hanley and Theobald, *Conch. Indica*, pl. 17, fig. 8.

1909. *Glessula chessoni* : Pilsbry, *Man. Conch.*, (2)**20** : 68, pl. 11, fig. 5.

1914. *Glessula chessoni* : Gude, *Fauna Brit. India, Mollusca*, **2** : 388.

2002. *Glessula chessoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Maharashtra (Hills of Western Ghats).

Shell ovately turreted, plicately striate, obsoletely decussate, whorls 11-12 convex, sutures crenulate; aperture semioval, columella subvertical, obliquely truncate below.

501. *Glessula corrosula* (Pfeiffer)

1856. *Achatina corrosula* Pfeiffer, *Proc. zool. Soc., Lond.*, **1856** : 35.

1878. *Stenogyra (Glessula) corrosula* : Nevill, *Hand List, Moll. Indian Mus.*, **1** : 167.

1909. *Glessula corrosula* : Pilsbry, *Man. Conch.*, (2)**20** : 67, pl. 12, figs. 5, 6.

1914. *Glessula corrosula* : Gude, *Fauna Brit. India*, Mollusca, 2 : 414.

2002. *Glessula corrosula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Andhra Pradesh, Tamil Nadu (Nilgiris, Kurnol).

Shell turreted, solid with a rough texture, whorls 9 convex, apex acute, sutures weakly crenulate; aperture sinuate, suboval, columella obliquely truncate, peristome simple.

502. *Glessula courtallica* Gude

1914. *Glessula courtallica* Gude, *Fauna Brit. India*, Mollusca, 2 : 436, fig. 137.

2002. *Glessula courtallica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Tamil Nadu (Tinnevelly).

Shell small, cylindrically conoid, thin, dark fulvous when fresh, faintly striate, whorls 6-7 with straight sides, aperture subovate, peristome thin, no parietal callus; columella arcuate.

503. *Glessula crassilabris* (Benson)

1836. *Achatina crassilabris* Benson, *J. Asiat. Soc. Beng.*, 5 : 353.

1909. *Glessula crassilabris* : Pilsbry, *Man. Conch.*, (2) 20 : 96, pl 10, figs. 14, 15.

1914. *Glessula crassilabris* : Gude, *Fauna Brit. India*, Mollusca, 2 : 426.

2000. *Glessula crassilabris* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2005. *Glessula crassilabris* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, 104(1-4) : 7, pl. 1, fig. 2.

Distribution : Arunachal Pradesh, Meghalaya, Nagaland, West Bengal (Darjeeling).

Elsewhere : Bangladesh (Sylhet), Myanmar.

Shell elongate, rather thin, finely, vertically striate, spire conoid, apex blunt, whorls convex, sutures excavated, aperture ovate, peristome thickened inside, columella arched truncate.

504. *Glessula crassula* (Reeve)

1850. *Achatina crassula* (Benson), Reeve, *Conch. Icon.*, *Achatina*, pl. 22, fig. 12.

1914. *Glessula crassula* : Gude, *Fauna Brit. India*, Mollusca, 2 : 429.

1992. *Glessula crassula* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 90. Zool Surv. India.

1995. *Glessula crassula* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series* 4(Part 8) : 63, pl. 11, figs. 5, 8. Zool Surv. India.

2000. *Glessula crassula* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2002. *Glessula crassula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.

2004. *Glessula crassula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 157. figs. 110, 111.
2005. *Glessula crassula* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, **104**(3-4) : 7, pl. 1, fig. 6.
2007. *Glessula crassula* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 114. Zool Surv. India.

Distribution : India : Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, West Bengal (Darjeeling).

Shell pyramidally conical, thin, straw coloured, closely vertically striate, sutures impressed, whorls 7 flat sided, aperture oval, peristome thin, columella strongly arched, truncate below.

505. *Glessula deshayesi* (Pfeiffer)

1852. *Achatina deshayesi* Pfeiffer, *Proc. zool. Soc. Lond.*, **1852** : 86.
1876. *Achatina deshayesi* : Hanley and Theobald, *Conch. Indica*, pl. 102, fig. 2.
1909. *Glessuta deshayesi* : Pilsbry, *Man. Conch.*, (2)**20** : 57, pl. 6, figs. 6, 12, 13.
1914. *Glessula deshayesi* : Gude, *Fauna Brit. India, Mollusca*, **2** : 408.

Distribution : India : Kerala (Calicut).

Elsewhere : Sri Lanka.

Shell rather short, ovately turreted, faintly, irregularly striate, whorls 7 convex, sutures weakly crenulate, aperture semioval, peristome simple, columella a little twisted, truncate.

506. *Glessula dihingensis* Godwin-Austen

1920. *Glessula canaraensis* Godwin-Austen, *Land and Freshwater Moll. India*, **3**(1) : 29.

Distribution : India : Arunachal Pradesh (Dihing Valley).

507. *Glessula dikrangense* Godwin-Austen

1876. *Glessula illustris* (not of 1875) Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 315.
1920. *Glessula dikrangense* : Godwin-Austen, *Land and Freshwater Moll. India*, **3**(1) : 26, pl. 160, fig. 7.
1985. *Glessula dikrangense* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, **82**(1-4) : 266.
2002. *Glessula dikrangense* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.

Distribution : India : Arunachal Pradesh, Karnataka, Kerala, Maharashtra.

Shell small, ovate, glossy with fine microscopic striae whorls 8-9; aperture ovate, peristome slightly thickened, columella strongly arched. While working out a lot of terrestrial molluscs collected from Dafla hills, Godwin-Austen (1876) wrongly identified some specimens of *Glessula* as *G. illustris*. At a later date (1920) he decided to create a new species and place the material under this species.

508. *Glessula facula* (Benson)

1850. *Achatina perrotteti* Reeve, *Conch. Icon., Achatina*, pl. 21, fig. 102 (non Pfeiffer).
 1860. *Achatina facula* Benson, *Ann. Mag. nat. Hist.*, (3)5 : 466.
 1881. *Stenogyra (Glessula) facula* : Nevill, *J. Asiat. Soc. Beng.*, 50 : 137, pl. 5, fig. 18.
 1909. *Glessula facula* : Pilsbry, *Man. Conch.*, (2)20 : 77, pl. 10, figs. 8, 9.
 1914. *Glessula facula* : Gude, *Fauna Brit. India*, Mollusca, 2 : 421.
 2002. *Glessula facula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Andhra Pradesh, Orissa, Tamil Nadu.

Shell ovately turreted irregularly striate, whorls 7-8 rather convex, sutures crenulate, aperture oval, columella callosed, obliquely truncate, peristome simple.

509. *Glessula fairbanki* (Benson)

1865. *Achatina fairbanki* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 14.
 1909. *Glessula fairbanki* : Pilsbry, *Man. Conch.*, (2)20 : 63, pl. 9, fig. 7.
 1914. *Glessula fairbanki* : Gude, *Fauna Brit. India*, Mollusca, 2 : 383.
 2002. *Glessula fairbanki* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Maharashtra (Mahabaleshwar).

Shell subcylindrically turreted, finely striate, absolutely decussate, whorls 8, upper ones convex, lower three rather flattened, aperture ovate, columella thickened, arcuate, truncate below.

510. *Glessula filosa* Blanford

1861. *Glessula filosa* Blanford *J. Asiat. Soc. Beng.*, 39 : 19, pl. 3, fig. 16.
 1909. *Glessula filosa* : Pilsbry, *Man. Conch.*, (2)20 : 85, pl. 13, fig. 14.
 1914. *Glessula filosa* : Gude, *Fauna Brit. India*, Mollusca, 2 : 440, figs. 138.
 2002. *Glessula filosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.
 2004. *Glessula filosa* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool Surv. India*, p. 157, figs. 112, 113.
 2005. *Glessula filosa* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series, 5(part 5)* : 231. *Zool Surv. India*.

Distribution : India : Andhra Pradesh, Tamil Nadu.

Shell elongately turreted, thin, strongly, vertically striate, whorls 8, scarcely convex, aperture broadly lunate, peristome little thickened, columella very strongly arched, sinuate, obliquely truncate. Some shells have a shallow groove along the side of columella. Gude (1914) described a variety *exigua* (p. 440, fig. 139) from Tamil Nadu which was shorter than the typical with more tumid whorls.

511. *Glessula ganjamensis* Gude

1914. *Glessula ganjamensis* Gude, *Fauna Brit. India*, Mollusca, 2 : 420.

2002. *Glessula ganjamensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 42.

Distribution : India : Orissa (Ganjam–Myhandra Hills).

Shell cylindrically conoid, finely, closely striate, greenish or yellowish when fresh, sutures impressed and crenulate, whorls 7, moderately convex, gibbous near the sutures; aperture subovate, peristome thickened and curved, columella arcuate.

512. *Glessula garoense* Godwin-Austen

1920. *Glessula longispira* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 36, pl. 109, figs. 15.

Distribution : India : Assam (North Cachar), Meghalaya (Garo Hills, Jaintica Hills).

513. *Glessula gemma* (Reeve)

1850. *Achatina gemma* (Benson) Reeve, *Conch. Icon., Achatina*, pl. 22, fig. 123.

1914. *Glessula gemma* : Gude, *Fauna Brit. India*, Mollusca, 2 : 428.

1979. *Glessula gemma* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 14.

1990. *Glessula gemma* : Mitra and Dey, *Rec. zool. Surv. India*, 86(1) : 64, pl. 5, figs. 3, 6, fig. 10.

1992. *Glessula gemma* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 42. Zool Surv. India.

1995. *Glessula gemma* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 63, pl. 12, figs. 1, 2. Zool Surv. India.

2000. *Glessula gemma* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 345, pl. fig. Zool Surv. India.

2004. *Glessula gemma* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, p. 158, fig. 114. Zool Surv. India.

2007. *Glessula gemma* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 114, Zool Surv. India.

Distribution : India : Karnataka, Kerala, Maharashtra, Meghalaya, Mizoram, Orissa, West Bengal.

Elsewhere : Bangladesh, Myanmar (Plains and Tripura Hills).

Shell rather small, oblong conical, chocolate brown (when fresh), whorls 6, rounded, usually smooth, polished, aperture namely rounded, columella arched.

Shell shows variations in length-diameter ratio and also in presence or absence of sculpture. Gude (1914) recognised one variety *frumentum* (Reeve) from the plains of West Bengal, which is of much lighter colour with a more spire and less convex whorls.

514. *Glessula gracilis* Beddome

1906. *Glessula gracilis* Beddome, *Proc. malac. Soc.*, London, 7 : 170, pl. 15, fig. 9.
 1909. *Glessula gracilis* : Pilsbry, *Man. Conch.*, (2)20 : 83, pl. 8, figs. 17, 18.
 1914. *Glessula gracilis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 434.
 2002. *Glessula gracilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.

Distribution : India : Kerala, Orissa, Tamil Nadu (Hills).

Shell cylindrically turreted, thick, distinctly striate, sutures impressed, crenulate, whorls 8, less convex, sometimes angulate near this suture, aperture suboval, peristome blunt, columella oblique.

515. *Glessula hanleyi* Godwin-Austen

1920. *Glessula hanleyi* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 42, pl. 112, fig. 16.

Distribution : India : Meghalaya (North Khasi Hills).

516. *Glessula hastula* (Benson)

1860. *Achatina hastula* Benson, *Ann. Mag nat. Hist.*, (3)5 : 461.
 1870. *Achatina (Electra) hastula* : Hanley and Theobald, *Conch. Indica*, pl. 18, fig. 4.
 1909. *Glessula hastula* : Pilsbry, *Man. Conch.*, (2)20 : 93, pl. 12, fig. 12.
 1914. *Glessula hastula* : Gude, *Fauna Brit. India*, Mollusca, 2 : 414.
 2000. *Glussula hastula* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

Distribution : India : West Bengal (Darjeeling).

Elsewhere : Myanmar.

Shell turreted, elongate, obliquely striate, sutures impressed, whorls 9, convex, the last slightly flattened; aperture ovately elliptical truncate, with thick callus, obliquely.

517. *Glessula hebes* (Pfeiffer)

1868. *Achatina hebes* (Blanford) Pfeiffer, *Man. Helic. Viv.*, 6 : 230.
 1870. *Glessula hebes* : Blanford, *J. Asiat. Soc. Beng.*, 39 : 21, pl. 3, fig. 21.
 1909. *Glessula hebes* : Pilsbry, *Man. Conch.*, (2) 20 : 62, pl. 9, fig. 6.
 1914. *Glessula hebes* : Gude, *Fauna Brit. India*, Mollusca, 2 : 382.
 2000. *Glessula hebes* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

Distribution : India : Arunachal Pradesh, Kerala, Maharashtra, Tamil Nadu.

Shell subcylindrically turreted, irregularly striate, whorls 10 rather convex, sutures deep; aperture ovately oblong, peristome thin, simple, collumella obliquely truncate below.

518. *Glessula huegeli* (Pfeiffer)

1842. *Achatina hügeli* Pfeiffer, *Symb. Hist. Helic.*, 2 : 58.
 1874. *Achatina (Electra) hugeli* : Hanley and Theobald, *Conch. Indica*, p. 33, pl. 78, fig. 2.
 1909. *Glessula huegeli* : Pilsbry, *Man. Conch.*, (2)20 : 91, pl. 9, figs. 13, 14.
 1914. *Glessula huegeli* : Gude, *Fauna Brit. India*, Mollusca, 2 : 387.
 1972. *Glessula hügeli* : Rajagopal and Subba Rao, *Rec. zool. Surv. India*, 66 : 198.
 2000. *Glessula huegeli* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.
 2002. *Glessula huegeli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution : India : Kashmir.

Shell ovately turreted, thin, spirally striate, spire elongate with one obtuse apex, sutures deep, whorls 10-11 flattened; aperture elliptical, peristome thin, columella arcuate.

G. hugeli is one the few species of the genus occurring in North-west India, and the only one recorded from Kashmir.

519. *Glessula illustris* Godwin-Austen

1875. *Glessula illustris* Godwin-Austen, *J. Asiat. Soc. Beng.*, 44 : 3, pl. 1, fig. 5.
 1909. *Glessula illustris* : Pilsbry, *Man. Conch.*, (2)20 : 95, pl. 11, figs. 13-16.
 1914. *Glessula illustris* : Gude, *Fauna Brit. India*, Mollusca, 2 : 421.
 2000. *Glessula illustris* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.
 2002. *Glessula illustris* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.

Distribution : India : Assam, Meghalaya (1000-7000 ft).

Shell ovate, greenish when fresh, finely spirally striate, whorls 7, slightly convex, aperture ovate, peristome thickened. Godwin-Austen (1920) described a variety *tumida* of the species from Lukah valley, which be thought to be more tumid than the typical form. On the other hand Godwin-Austen (1875), himself considered, species like *G. illustris*, *G. pyramis*, *G. butleri* all to be mere varieties of the 'type species' *G. crassilabris* – "difference in elevation and conditions of habitat from damp dark forest to hot grassy slopes, having produced modification of forms."

520. *Glessula imphlensis* Godwin-Austen

1920. *Glessula imphalensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 47, pl. 112, fig. 24.

Distribution : India : Manipur.

521. *Glessula indica* Gude

1914. *Glessula indica* Gude, *Fauna Brit. India*, Mollusca, 2 : 392, fig. 123.

2002. *Glessula indicu* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Tamil Nadu. (Tinnevelly, Anamallay)

Shell oblong conoid, thin, finely striate, smooth, polished, sutures deep, whorls a straight sided, aperture semioval, peristome thickened, curved, columella margin wide. Some of the shells possess a single or several fuscous bands on the peripheral region.

522. *Glessula inornata* (Pfeiffer)

1851. *Achatina inornata* Pfeiffer, *Proc. zool. Soc.*, Lond., **1851** : 259.

1872. *Achatina (Electra) inornata* : Hanley and Theobald, *Conch. Indica*, pl. 17, fig. 2.

1909. *Glessula inornata* : Pilsbry, *Man. Conch.*, (2)**20** : 53, pl. 6, figs, 10, 11, 14-17.

1914. *Glessula inornata* : Gude, *Fauna Brit. India*, Mollusca, **2** : 395.

Distribution : India : Karnataka (South Canara forests).

Elsewhere : Sri Lanka.

Shell turreted-elongate, striate, thick, sutures crenulate, whorls 7-8 flattened, last whorl compressed at base; aperture sinuate, semioval, columella thick, abruptly truncate.

523. *Glessula isis* (Hanley)

1875. *Achatina (Glessula) isis* Hanley, *Proc. zool. Soc.*, Lond., **1875** : 606.

1878. *Stenogyra (Glessula) isis* : Nevill, *Hand List, Moll. Indian Mus.*, **1** : 168.

1909. *Glessula isis* : Pilsbry, *Man. Conch.*, (2) **20** : 71, pl. 11, fig. 8.

1914. *Glessula isis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 393.

2002. *Glessula isis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Tamil Nadu (Pulney Hills).

Shell rather long and narrow, highly polished, usually chocolate coloured, finely, vertically striate, irregularly spirally marked with hair like lines and fillets; whorls 10; aperture angulate above, columella roundly truncate.

524. *Glessula jerdoni* (Reeve)

1850. *Achatina jerdoni* (Benson) Reeve, *Conch. Icon.*, **5** : *Achatina* pl. 21, fig. 80.

1874. *Achatina (Electra) jerdoni* : Hanley and Theobald, *Conch. Indica*, pl. 78, fig. 10.

1909. *Glessula jerdoni* : Pilsbry, *Man. Conch.*, (2) **20** : 75, pl. 12, figs. 16-18.

1914. *Glessula jerdoni* : Gude, *Fauna Brit. India*, Mollusca, **2** : 418.

2002. *Glessula jerdoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.

Distribution : India : Meghalaya (Cherrapunji), Tamil Nadu (Nilgiri, Pulney Hill, Anamullay).

Shell pyramidally oblong, brownish smooth, polished, whorl 8, suture distinctly marginate; aperture small, peristome simple, columella truncate.

525. *Glessula jeyporensis* Beddome

1906. *Glessula jeyporensis* Beddome, *Proc. malac. Soc.*, London, 7 : 167, pl. 15, figs. 6.

1914. *Glessula jeyporensis* : Gude, *Fauna Brit. India*, Molluca, 2 : 417.

2002. *Glessula jeyporensis* : Ramkrishna Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 42.

Distribution : India : Andhra Pradesh, Orissa (Jeypora Hills).

Shell oblong, finely striate, whorls 8, rather flattened, and shouldered at the sutures; aperture semioval, columella arcuate, peristome simple.

526. *Glessula kohimaensis* Godwin-Austen

1920. *Glessula kohimaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 50, pl. 111, fig. 24.

Distribution : India : Nagaland (Kohima).

527. *Glessula lahupaensis* Godwin-Austen

1920. *Glessula lahupaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 57, pl. 111, fig. 23.

Distribution : India : Nagaland (Lahupa Naga Hills).

528. *Glessula leptospira* (Benson)

1865. *Achatina leptospira* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 14.

1870. *Achatina (Electra) leptospira* : Hanley and Theobald, *Conch. India*, pl. 35, fig. 2.

1909. *Glessula leptospira* : Pilsbry, *Man. Conch.*, (2)20 : 65, pl. 12, fig. 2.

1914. *Glessula leptospira* : Gude, *Fauna Brit. India*, Mollusca, 2 : 410.

2002. *Glessula leptospira* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, 196 : 13.

Distribution : India : Someysur Hill.

Shell oblong-turreted, apex blunt, finely striate, whorls 9, convex, sutures deep, crenulate; aperture elliptical, margins joined by callus, columella arcuate, obliquely truncate.

529. *Glessula lhtaense* Godwin-Austen

1920. *Glessula lhtaense* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 51, pl. 111, fig. 25.

Distribution : India : Nagaland (Lhota Naga Hills).

530. *Glessula longispira* Godwin-Austen

1920. *Glessula longispira* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 12, pl. 109, figs. 1, 2; pl. 109, fig. 2; pl. 115, figs. 1-1c.

Distribution : India : Sikkim.

531. *Glessula lyrata* Blanford

1870. *Glessula lyrata* Blanford, *J. Asiatic Soc. Beng.*, 39 : 20.

1878. *Stenogyra (Glessula) lyrata* : Nevill, *Hand List, Moll. Indian Mus.* 1 : 167.

1909. *Glessula lyrata* : Pilsbry, *Man. Conch.*, (2)20 : 86, pl. 13, fig. 15.

1914. *Glessula lyrata* : Gude, *Fauna Brit. India, Mollusca*, 2 : 441.

2002. *Glessula lyrata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Maharashtra (Mahableshwar, Khandal, Western Ghat).

Shell ovately turreted, rather short, thick, strongly vertically striate, absolutely decussate, whorls 7-8, convex, slightly angulate at lower margin; aperture semioval, peristome thickened, columella obliquely truncate.

Gude (1914) also recognised a variety *matheranica* Blanford, from near Bombay which differed in sculpture and also the spire.

532. *Glessula macera* Godwin-Austen

1920. *Glessula macera* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 47, pl. 112, fig. 3.

Distribution : India : Assam, Nagaland (Naga Hills).

533. *Glessula mainensis* Godwin-Austen

1920. *Glessula mainensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 28, pl. 110, fig. 10.

Distribution : India : Assam (Maiam peak).

534. *Glessula malabarica* Gude

1914. *Glessula malabarica* Gude, *Fauna Brit. India, Mollusca*, 2 : 430 fig. 135.

2002. *Glessula malabarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Kerala.

Shell cylindrically conoid, thick, with regular impressed vertical lines, whorls 7-8, rather convex, slightly swollen at upper margin, last whorl ascending slightly in front; aperture semioval, peristome thickened.

535. *Glessula mastersi* Godwin-Austen

1920. *Glessula mastersi* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 46, pl. 112, fig. 1.

Distribution : India : Assam (Golghat), Nagaland (Naga Hills).

536. *Glessula mullorum* (Blanford)

1861. *Achatina mullorum* Blanford, *J. Asiat. Soc. Beng.*, 30 : 362, pl. 1, fig. 17.

1875. *Achatina mullorum* : Hanley and Theobald, *Conch. Indica*, pl. 102, fig. 5.

1909. *Glessula mullorum* : Pilsbry, *Man. Conch.*, (2) 20 : 84, pl. 13, fig. 10.

1914. *Glessula mullorum* : Gude, *Fauna Brit. India*, Mollusca, 2 : 437.

2002. *Glessula mullorum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Tamil Nadu.

Shell small, oblong, thick, pale coloured, distantly striate; whorls 6, convex, suture deep; aperture subcircular, columella arcuate, obliquely truncate, peristome slightly thickened.

537. *Glessula muniurensis* Godwin-Austen

1920. *Glessula muniurensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 109, pl. 109, fig. 10.

Distribution : India : Manipur.

538. *Glessula naja* Pilsbry

1909. *Glessula naja* Pilsbry, *Man. Conch.*, (2) 20 : 90, pl. 12, fig. 10.

1914. *Glessula naja* : Gude, *Fauna Brit. India*, Mollusca, 2 : 426.

1915. *Glessula naja* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 4, pl. 12, figs. 5, 6. *Zool. Surv. India*.

2000. *Glessula naja* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 345, pl. fig. *Zool. Surv. India*.

2000. *Glessula naja* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2002. *Glessula naja* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25, pl. 4, figs. 5, 10.

Distribution : Assam, Meghalaya, Tripura.

Shell rather slender, thin, yellowish, weakly striate and also irregularly vertically grooved, minute spirals are also present, whorls 9-10; aperture ovate, peristome thin, columella long.

539. *Glessula neglecta* Gude

1914. *Glessula neglecta* Gude, *Fauna Brit. India*, Mollusca, 2 : 435, fig. 136.

2002. *Glessula neglecta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Tamil Nadu (Anamullaya).

Shell not much long, conoid, rather narrow, thin, glossy, finely, regularly striate, whorls 7, convex, sutures weakly crenulate, last whorl ascending in front, aperture broadly ovate, parietal callus present, peristome thickened, columella obliquely truncate.

540. *Glessula nevilli* Godwin-Austen

1876. *Glessula (Dikranga) nevilli* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 315, pl. 8, fig. 12.

1920. *Glessula nevilli* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 27.

Distribution : India : Arunachal Pradesh (Dafla Hills).

541. *Glessula nevilliana* Godwin-Austen

1920. *Glessula nevilliana* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 26, pl. 111, figs.11-13; pl. 114, fig. 3.

Distribution : India : Arunachal Pradesh (Dafla Hills).

542. *Glessula nilagirica* (Reeve)

1850. *Achatina nilagirica* (Benson) Reeve, *Conch. Icon.*, 5, *Achatina* pl. 21, fig. 87.

1881. *Stenogyra (Glessula) nilagirica* : Nevill, *J. Asiat. Soc. Beng.*, 50 : 136, pl. 5, fig. 15.

1909. *Glessula nilagirica* : Pilsbry, *Man. Conch.*, (2)20 : 90, pl. 9, fig. 5.

1914. *Glessula nilagirica* : Gude, *Fauna Brit. India, Mollusca*, 2 : 382.

2002. *Glessula nilagirica* : Ramkrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Andhra Pradesh, Tamil Nadu (Nilgiris, Nallamulaya).

Shell pyramidally turreted, distinctly striate, whorls 10, convex, crenulate at the sutures, aperture small, peristome simple, columella deeply arched.

543. *Glessula notigena* (Benson)

1860. *Achatina notigena* Benson, *Ann. Mag. nat. Hist.*, (3)5 : 462.

1909. *Glessula notigena* : Pilsbry, *Man. Conch.*, (2)20 : 68, pl. 12, fig. 3, 4, 9.

1914. *Glessula notigena* : Gude, *Fauna Brit. India, Mollusca*, 2 : 412.

1979. *Glessula notigena* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 13.

2000. *Glessula notigena* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2002. *Glessula notigena* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : Maharashtra, (Western Ghats), Sikkim, West Bengal (Darjeeling).

Shell elongately conical, rather strongly striate, whorls 9-10, convex, sutures weakly crenulate; aperture semioval, columella nearly vertical, arcuate, obliquely truncate, thin callus present.

544. *Glessula oakesi* Godwin-Austen

1918. *Glessula oakesi* Godwin-Austen, *Rec. Indian Mus.*, **8** : 615, text-fig. 8.

2000. *Glessula oakesi* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 27.

2002. *Glessula oakesi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.

Distribution : India : Arunachal Pradesh (Abor Hills).

545. *Glessula ochracea* Godwin-Austen

1918. *Glessula ochracea* Godwin-Austen, *Rec. Indian Mus.*, **8** : 617, figs. 9 a,b,c.

1920. *Glessula ochracea* Godwin-Austen, *Land and Freshwater Moll. India*, **3(1)** : 18, pl. 110, fig. 8.

Distribution : India : Sikkim.

546. *Glessula oglei* Godwin-Austen

1920. *Glessula oglei* Godwin-Austen, *Land and Freshwater Moll. India*, **3(1)** : 48, pl. 112, fig. 10.

Distribution : India : Nagaland (Naga Hills).

547. *Glessula oreas* (Reeve)

1850. *Achatina oreas* (Benson) Reeve, *Conch. Icon.*, **5** : *Achatina* pl. 21, fig. 113.

1860. *Achatina oreas* : Benson, *Ann. Mag. nat. Hist.*, (3)**5** : 464.

1909. *Glessula oreas* : Pilsbry, *Man. Conch.*, (2)**20** : 80, pl. 10, fig. 11.

1914. *Glessula oreas* : Gude, *Fauna Brit. India*, Mollusca, **2** : 424.

2002. *Glessula oreas* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Andhra Pradesh, Kerala, Karnataka, Tamil Nadu.

Shell oblong-conical, weakly spirally striate, whorls 7, convex, sutures finely marginate; aperture small, ovate, columella arched.

548. *Glessula orobia* (Benson)

1860. *Achatina orobia* Benson, *Ann. Mag. nat. Hist.*, (3)**5** : 461.

1909. *Glessula orobia* : Pilsbry, *Man. Conch.*, (2)**20** : 96, pl. 10, fig. 16.

1914. *Glessula orobia* : Gude, *Fauna Brit. India*, Mollusca, **2** : 427.

2000. *Glessula orobia* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 27.
 2002. *Glessula orobia* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 45.
 2007. *Glessula orobia* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 115. Zool Surv. India.

Distribution : India : Mizoram, Nagaland, West Bengal (Darjeeling).

Shell ovate oblong, thick, finely striate, some of the striate are more impressed whorls 6-7, fairly convex, slightly angulate and crenulate near the sutures; aperture semioval, columella thickened, obliquely truncate.

549. *Glessula orophila* (Reeve)

1850. *Achatina orophila* (Benson) Reeve, *Conch. Icon.*, **5** : *Achatina* pl. 19, fig. 105.
 1860. *Achatina orophila* : Benson, *Ann. Mag. nat. Hist.*, (3)**5** : 465.
 1881. *Stenogyra (Glessula) orophila* : Nevill, *J. Asiat. Soc. Beng.*, **50** : 137, pl. 5, fig. 19.
 1909. *Glessula orophila* : Pilsbry, *Man. Conch.*, (2)**20** : 79, pl. 10, fig. 10.
 1914. *Glessula orophila* : Gude, *Fauna Brit. India, Mollusca*, **2** : 423.

Distribution : India : Karnataka, Maharashtra, Tamil Nadu.

Elsewhere : Myanmar.

Shell conically ovate, peculiarly indented, some shells have distinct incised lines, whorls 7, rounded, aperture small, columella short, deeply curved, truncate.

550. *Glessula paupercula* (Blanford)

1861. *Achatina paupercula* Blanford, *J. Asiat. Soc. Beng.*, **30** : 362, pl. 1, fig. 16.
 1909. *Glessula paupercula* : Pilsbry, *Man. Conch.*, (2)**20** : 81, pl. 13, fig. 9.
 1914. *Glessula paupercula* : Gude, *Fauna Brit. India, Mollusca*, **2** : 431.
 2002. *Glessula paupercula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.
 2005. *Glessula pauperula* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5**(part 5) : 231. Zool Surv. India.
 2005. *Glessula pauperula* : Surya Rao and Mitra, *Fauna of Western Himalaya, part-2 (Himachal Pradesh)* p. 48.

Distribution : India Andhra Pradesh, Himachal Pradesh, Kerala, Tamil Nadu.

Shell rather short and narrow, distinctly, vertically striate, sutures impressed, whorls 7, convex, aperture pyriform, peristome slightly thickened internally, columella arched.

Gude (1914) also recognised a variety, *nana* Beddome 'a shorter and more obtuse form', collected from Tinnevely, Tamil Nadu.

This species was recorded from Himachal Pradesh (Chamba) by Surya Rao and Mitra (2005). However, it becomes one of the only two species of the genus (the other being *G. tornensis*). Common to the Western Himalaya and also peninsular India in the South.

551. *Glessula perrotteti* (Pfeiffer)

1842. *Achatina perrotteti* Pfeiffer, *Revue zool.*, p. 305.
 1881. *Stenogyra (Glessula) perrotteti* : Nevill. *J. Asiat. Soc. Beng.*, **50** : 137, pl. 5, fig. 17, 17a.
 1909. *Glessula perrotteti* : *Man. Conch.*, (2)**20** : 65, pl. 9, figs. 9, 10.
 1914. *Glessula perrotteti* : *Gude Fauna Brit. India. Mollusca*, **2** : 386.
 2002. *Glessula perrotteti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, **196** : 13.

Distribution : India : Tamil Nadu (Nilgiris, Pulney Hills).

Shell elongately conical, thin, shining, indistinctly sculptured, whorls convex, sutures impressed; aperture oval, columella strongly arched, abruptly truncate.

552. *Glessula pertenuis* (Blanford)

1865. *Achatina pertenuis* Blanford *J. Asiat. Soc. Beng.*, **34** : 79.
 1870. *Achatina (Electra) pertenuis* : Hanley and Theobald, *Conch. Indica*, pl. 18, fig. 5.
 1909. *Glessula tenuispira* var. *pertenuis* : Pilsbry, *Man. Conch.*, (2) **20** : 89, pl. 9, fig. 3.
 1914. *Glessula pertenuis* : Gude, *Fauna Brit India, Mollusca*, **2** : 330.
 2000. *Glessula pertenuis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Meghalaya.

Elsewhere : Myanmar.

Shell narrow and elongate thin, polished, closely and irregularly striate, spire acuminate with a blunt apex, sutures crenulate, whorls 11-12; aperture pyriform, columella slightly arched, obliquely truncate.

553. *Glessula praelustris* (Benson)

1860. *Achatina praelustris* Benson *Ann. Mag. nat. Hist.*, (3)**5** : 462.
 1870. *Achatina (Electra) praelustris* : Hanley and Theobald, *Conch. Indica*, pl. 17, fig. 6.
 1909. *Glessula praelustris* : Pilsbry *Man. Conch.*, (2)**20** : 68, pl. 9, figs. 15, 16.
 1912. *Glessula praelustris* : Annandale, *Rec. Indian Mus.*, **7** : 33
 1914. *Glessula praelustris* : Gude, *Fauna Brit. India, Mollusca*, **2** : 386.
 1989. *Glessula praelustris* : Subba Rao, Thakur, and Mitra, *Fauna of Orissa, State Fauna Series*, **1** : 258.
Zool Surv. India.

2002. *Glessula praelustris* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.* 196 : 42. fig. 2B.

Distribution : India : Bihar, Orissa, West Bengal.

Shell elongate, oblong, thin, irregularly plicately striate, spire pyramidal, whorls 8-9, convex slightly swollen upper edge; suturs crenulate; aperture semioval, columella slightly curved.

554. *Glessula prowiensis* Godwin-Austen

1920. *Glessula prowiensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 50, pl. 112, fig 13.

Distribution : India : Nagaland (Naga Hills).

555. *Glessula pseudoreas* (Nevill)

1881. *Stenogyra (Glessula) pseudoreas* Nevill *J. Asiat. Soc. Beng.*, 50 : 136.

1909. *Glessula pseudoreas* : Pilsbry, *Man. Conch.* (2) 2x : 80, pl. 10, figs. 12, 13.

1914. *Glessula pseudoreas* : Gude, *Fauna Brit. India, Mollusca*, 2 : 425.

2002. *Glessula pseudoreas* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Karnataka, Tamil Nadu (Nilgiri, Tinnevely, South Canara).

Shell conically turreted, almost smooth, whorls 7, convex, sutures impressed, submarginate; aperture elliptical, columella arcuate, obliquely truncate, thickened, peristome thin, arcuate at base.

A variety *G pseudoreas* var. *subdeshayesiana* Nevill, is also recorded from the Anamullays.

556. *Glessula pulla* Blanford

1870. *Glessula pulla* Blanford, *J. Asiat. Soc. Beng.*, 39 : 21, pl. 3, fig. 20.

1874. *Achatina (Electra) pulla* : Hanley and Theobald, *Conch. Indica*, pl. 78, fig. 1.

1909. *Glessula pulla* : Pilsbry, *Man. Conch.*, (2)20 : 81, pl. 13, figs. 5, 6.

1914. *Glessula pulla* : Gude, *Fauna Brit. India, Mollusca*, 2 : 430.

2002. *Glessula pulla* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Maharashtra (Torna).

Shell small, conical, dark coloured rather thin, faintly striate, whorls, 7-8, convex; aperture subovate, collumella, arcuate and obliquely truncate, peristome thin.

557. *Glessula pusilla* Beddome

1906. *Glessula pusilla* Beddome, *Proc. malac. Soc.*, Lond, 7 : 171, pl. 15, fig. 5.

1909. *Glessula pusilla* : Pilsbry *Man. Conch.*, (2)20 : 84, pl. 8, figs. 9, 10.

1914. *Glessula pusilla* : Gude, *Fauna Brit. India*, Mollusca, 2 : 436.

Distribution : India : Tamil-Nadu (Anamullays, Shevroy, Nilgiri).

Elsewhere : Sri Lanka.

Shell oblong, rather small, pale coloured, very weakly sculptured, whorls 6-7, convex, sutures crenulate; aperture semioval, columella arcuate, abruptly truncate.

558. *Glessula pyramis* (Benson)

1860. *Achatina pyramis* Benson, *Ann. Mag. nat. Hist.*, (3)5 : 463.

1875. *Glessula pyramis* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 44 : 3.

1909. *Glessula pyramis* : Pilsbry *Man. Conch.*, (2)20 : 92, pl. 12, fig. 1.

1914. *Glessula pyramis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 409.

2000. *Glessula pyramis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

Distribution : India : Meghalaya.

Elsewhere : China.

Shell oblong-turreted thick, distantly, irregularly ribbed, whorls 8, rather convex, sutures impressed, last whorl plicate in front; aperture elliptical, columella callosed arcuate, obliquely truncate, peristome internally labiate.

559. *Glessula rarhiensis* Godwin-Austen

1920. *Glessula rarhiensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 17, pl. 112, fig. 23.

Distribution : India : Sikkim.

560. *Glessula reynelli* subsp. *immitis* Gude

1914. *Glessula reynelli* var. *immitis* Gude *Fauna Brit. India*, Mollusca, 2 : 398.

Distribution : India : Tamil Nadu (Anamullay)

Shell large, elongate-conoid, rather thin, distinctly plicate-striate, pale yellowish, marked with dark flammules and transeverse streaks here and there, whorls 8, sutures shallow, crenulate; aperture pyriform a thin parietal callus present.

The typical form is from Sri Lanka.

561. *Glessula roberti* Godwin-Austen

1920. *Glessula roberti* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 17.

Distribution : India : Sikkim.

Elsewhere : Bhutan.

562. *Glessula rugata* Blanford

1870. *Glessula rugata* Blanford *J. Asiat. Soc. Beng.*, **39** : 20, pl. 3, fig. 18.
 1875. *Glessula rugata* : Hanley and Theobald, *Conch. Indica*, pl. 102, fig. 7.
 1909. *Glessula rugata* : Pilsbry, *Man. Conch.*, (2)**20** : 87, pl. 7, figs. 11, 12.
 1914. *Glessula rugata* : Gude, *Fauna Brit. India*, Mollusca, **2** : 442.
 2002. *Glessula rugata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, **196** : 41.

Distribution : India : Maharashtra (Pune)

Shell small, turreted, distinctly vertically striate but finely and regularly decussated, sculpture appearing nodulose under lens; whorls 7-8, sutures deep; aperture ovate, columella arcuate, obliquely truncate.

563. *Glessula sarissa* (Benson)

1860. *Achatina sarissa* Benson *Ann. Mag. nat. Hist.*, (3)**5** : 463.
 1870. *Achatina (Electra) sarissa* : Hanley Theobald, *Conch. Indica*, pl. 35, fig. 10.
 1909. *Glessula sarissa* : Pilsbry *Man. Conch.*, (2)**20** : 66, pl. 12, figs. 3, 4, 9.
 1914. *Glessula sarissa* : Gude *Fauna Brit. India*, Mollusca, **2** : 412.

Distribution : India : Maharashtra, West Bengal (plains).

Elsewhere : Bangladesh.

Shell conically elongate, distinctly striate, microscopically decussate; whorls 9-10, convex; aperture ovately elliptical, columella obliquely arched, callosed, peristome thin.

564. *Glessula sattarensis* (Hanley and Theobald)

1868. *Achatina fusca* H. Adams, *Proc. zool. Soc.*, Lond., **1868** : 15 (not *A. Fusca* Pfeiffer, 1852).
 1874. *Achatina (Electra) sattarensis* (H. Adams) Hanley and Theobald. *Conch. Indica*, pl. 78, fig. 4.
 1909. *Glessula sattarensis* : Pilsbry, *Man. Conch.*, (2)**20** : 82, pl. 13, figs. 7, 8.
 1914. *Glessula sattarensis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 432.

Distribution : India : Maharashtra.

Elsewhere : Sri Lanka.

Shell oblong-turreted, thick, indistinctly sculptured, whorls, 7, convex, sutures deep, crenulate; aperture ovate, columella callosed, arcuate, obliquely truncate, peristome slightly thickened, margins joined by a thin callus.

565. *Glessula scrutillus* (Benson)

1860. *Achatina scrutillus* Benson, *Ann. Mag. nat. Hist.*, (3)**5** : 463.

1870. *Achatina (Electra) scrutillus* : Hanley and Theobald, *Conch. Indica*, pl. 18, fig. 1.

1909. *Glessula scrutillus* : Pilsbry *Man. Conch.*, (2)20 : 81, pl. 10, fig. 17.

1914. *Glessula scrutillus* : Gude *Fauna Brit. India*, Mollusca, 2 : 427.

Distribution : India : Kerala (Malabar), Madhya Pradesh (Narbudda Valley), Orissa.

Shell small, oblong, thick, distantly striate, whorls 5-6 convex, sutures impressed; aperture ovately elliptical, columella, steeply arched, abruptly truncate, peristome slightly thickened.

566. *Glessula senator* (Hanley)

1875. *Achatina (Glessula) senator* Hanley, *Proc. zool. Soc.*, Lond., 1875 : 606.

1875. *Achatina senator* Hanley and Theobald, *Conch. Indica*, pl. 155, fig. 5.

1909. *Glessula senator* : Pilsbry, *Man. Conch.*, (2)20 : 70, pl. 11, fig. 8.

1914. *Glessula senator* : Gude, *Fauna Brit. India*, Mollusca, 2 : 393.

2002. *Glessula senator* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Kerala (Hills).

Shell of medium length, subovately conoid, with a beautiful chocolate colouration, indistinctly sculptured, whorls convex, a broad pale zone above the periphery, some shells with subsutural lines of same colour; aperture ovate, columella arched.

567. *Glessula shiplayi* (Pfeiffer)

1855. *Achatina (Subulina) shiplayi* Pfeiffer, *Malak. Blatt.*, 2, 169.

1861. *Achatina shiplayi* : Blanford, *J. Asiat. Soc. Beng.*, 30 : 364.

1909. *Glessula shiplayi* : Pilsbry, *Man. Conch.*, (2)20 : 61, pl. 9, fig. 8.

1914. *Glessula shiplayi* : Gude, *Fauna Brit. India*, Mollusca, 2 : 381.

2002. *Glessula shiplayi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Tamil Nadu (Nilgiri, Kalryenmullay, Patchamullay, Shevroy).

Shell long-turreted, rather thick, distinctly striate; whorls 13, convex, sutures impressed with spiral markings below; aperture roundish, columella broad, roundly truncate.

568. *Glessula shirobiensis* Godwin-Austen

1920. *Glessula shirobiensis* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 50, pl. 111, fig. 22.

Distribution : India : Nagaland (Naga Hills).

569. *Glessula singhurensis* (Blanford)

1870. *Glessula singhurensis* Blanford, *J. Asiat. Soc. Beng.*, 39 : 19, pl. 3, fig. 17.

1909. *Glessula singhurensis* : Pilsbry, *Man. Conch.*, (2)20 : 76, pl. 10, fig. 5.

1914. *Glessula singhurensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 418.

2002. *Glessula singhurensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Maharashtra (Singhur, Pune).

Shell moderately long, pyramidally turreted, distinctly striate, whorls 8, rather flat sided, sutures deep, corrugled; aperture ovate-oblong, peristome a little thickened, columella obliquely truncate.

570. *Glessula sisparica* Gude

1914. *Glessula sisparica* Gude, *Fauna Brit. India*, Mollusca, 2 : 410.

2002. *Glessula sisparica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Tamil Nadu (Sispara, Nilgiris).

Shell elongate-conoid, densely, consulately sculptured, striae becoming wavy near sutures; whorls 9, straight sided, swollen at the upper margin; aperture pyriform, peristome thin, columella very little curved, truncate.

571. *Glessula solida* Godwin-Austen

1920. *Glessula solida* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 42, pl. 112, fig. 8.

Distribution : India : Meghalaya (North Khasi Hills).

572. *Glessula stramencolor* Godwin-Austen

1920. *Glessula stramencolor* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 47, pl. 109, fig. 12.

Distribution : India : Assam.

573. *Glessula subacculina* Godwin-Austen

1920. *Glessula subacculina* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 34, pl. 109, fig. 9.

Distribution : India : Arunachal Pradesh, Meghalaya (Khasi Hills).

574. *Glessula subfilosa* Beddome

1906. *Glessula subfilosa* Beddome, *Proc. malac. Soc.*, Lond., 7 : 171, pl. 15, fig. 8.

1909. *Glessula subfilosa* : Pilsbry, *Man. Conch.*, (2)20 : 86, pl. 8, figs. 15, 16.

1914. *Glessula subfilosa* : Gude, *Fauna Brit. India*, Mollusca, 2 : 441.

2002. *Glessula subfilosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Andhra Pradesh, Tamil Nadu.

Shell moderately long, conspicuously sculptured, whorls 10, convex; aperture broadly lunate, columella abruptly truncate. Differs from *G. filosa* being smaller and also in form of spire which is concave near the apex.

575. *Glessula subhastula* Godwin-Austen

1920. *Glessula subhastula* Godwin-Austen, *Land and Freshwater Moll. India*, 3(1) : 37, pl. 111, fig. 18.

Distribution : India : Meghalaya (North Khasi Hills).

576. *Glessula subinornata* Beddome

1906. *Glessula subinornata* Beddome, *Proc. malac. Soc., Lond.*, 7 : 164., pl. 15, fig. 3.

1909. *Glessula subinornata* : Pilsbry, *Man. Conch.*, (2)20 : 73, pl. 8, figs. 5, 6.

1914. *Glessula subinornata* : Gude, *Fauna Brit. India*, Mollusca, 2 : 396.

2002. *Glessula subinornata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Tamil Nadu (Nilgiri).

Shell elongate turreted, thick, distinctly vertically striate, faintly decussate; whorls 8, sutures impressed, cremulate; aperture triangularly ovate, columella thickened, obliquely truncate. Beddome also named one variety *minor* from 'Brumagherry Hill Wynaad, Kerala which was shorter in length and of a pale colour.

577. *Glessula subjerdoni* Beddome

1906. *Glessula subjerdoni* Beddome, *Proc. malac. Soc., Lond.*, 7 : 170, pl. 15, fig. 2.

1909. *Glessula subjerdoni* : Pilsbry, *Man. Conch.*, (2)20 : 83, pl. 8, figs. 3, 4.

1914. *Glessula subjerdoni* : Gude *Fauna Brit. India*, Mollusca, 2 : 434.

2000. *Glessula subjerdoni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2002. *Glessula subjerdoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.

Distribution : India : Andhra Pradesh, (Golconda Hills), Orissa (Jeypore), Sikkim, Tamil Nadu (Anamullaya), West Bengal (Darjeeling).

Shell rather shorter, distinctly striate with strong vertical grooves on upper parts of whorls; whorls 7-8, convex, suture impressed; aperture semioval, columella arcuate, peristome, slightly thickened.

578. *Glessula subperrotteti* Beddome

1906. *Glessula subperrotteti* Beddome *Proc. malac. Soc., Lond.*, 7 : 163, pl. 15, fig. 1.

1909. *Glessula subperrotteti* : Pilsbry, *Man. Conch.*, (2)20 : 71, pl. 8, figs. 1, 2.

1914. *Glessula subperrotteti* : Gude, *Fauna Brit. India*, Mollusca, 2 : 394.

2002. *Glessula subperrotteti* : Ramakrishna and Mitra, *Rec. zool. Surv. India. Occ. Paper No.*, 196 : 13.

Distribution : India : Kerala (Travancore Hills).

Shell long-turreted, distinctly plicately striate, sutures impressed, crenulate, whorls 9, rather convex; aperture semioval, columella nearly vertical, callosed, peristome simple.

579. *Glessula subserena* Beddome

1906. *Glessula subserena* Beddome, *Proc. malac. Soc.*, Lond., 7 : 166, pl. 15, fig. 7.

1909. *Glessula subserena* : Pilsbry (non Beddome) *Man. Conch.*, (2)20 : 75. pl. 8, figs. 13, 14.

1914. *Glessula subserena* : Gude, *Fauna Brit. India*, Mollusca, 2 : 391.

2002. *Glessula subserena* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

Distribution : India : Karnataka, Kerala Tamil Nadu (Western Ghats).

Shell elongate-turreted, thick, polished, faintly striate, dark-coloured, whorls 7, rather flat sutures impressed, marginate and crenulate; aperture semioval, columella callosed and arched.

580. *Glessula subtornensis* Gude

1914. *Glessula subtornensis* Gude *Fauna Brit. India*, Mollusca, 2 : 390, fig. 122.

2002. *Glessula subtornensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 13.

2004. *Glessula subtornensis* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool Surv. India, p. 159, figs. 115, 116.

2005. *Glessula subtornensis* : Mitra, Dey and Ramakrishna *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 232. Zool Surv. India.

Distribution : India : Andhra Pradesh, Tamil Nadu.

Shell large, rather conoid, thin, finely and closely striate, pale translucent, whorls, 8, convex, sutures subcrenulate; aperture semioval, columella arcuate, obliquely truncate below, peristome thin.

581. *Glessula tamulica* (Blanford)

1861. *Achatina tamulica* Blanford, *J. Asiat. Soc. Beng.*, 30 : 362.

1870. *Achatina (Electra) tamulica* : Hanley and Theobald, *Conch. Indica*, pl. 17, fig. 9.

1909. *Glessula tamulica* : Pilsbry, *Man. Conch.*, (2)20 : 64, pl. 9, fig. 12.

1914. *Glessula tamulica*, Gude, *Fauna Brit. India*, Mollusca, 2 : 385.

2002. *Glessula tamulica* : Ramakrishna and Mitra, *Rec. zool. Surv. India. Occ. Paper No.*, 196 : 13.

Distribution : India : Tamil Nadu (Trichinapally)

Shell elongate turreted, thin, faintly striate, whorls 10, convex, aperture, semioval, peristome simple, margins joined by a callus.

582. *Glessula tentilis* (Blanford)

1866. *Achatina tentilis* Blanford *J. Asiat. Soc. Beng.*, **35** : 41.
 1870. *Achatina (Electra) tentilis* : Hanley and Theobald, *Conch. India*, pl. 17, fig. 10.
 1909. *Glessula tentilis* : Pilsbry, *Man. Conch.*, (2)**20** : 69, pl. 11, figs. 6, 7.
 1914. *Glessula tentilis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 390.
 2002. *Glessula tentilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, **196** : 13.
 2004. *Glessula tentilis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 160, figs. C 37, C 38.

Distribution : India : Karnataka, Kerala, Maharashtra, Tamil Nadu (Western Ghats, 6000 ft).

Shell ovately oblong, thick, highly polished, shining, dark chestnut coloured with a yellowish band encircling the entire length of shell, a few vertical markings of same colour also present, finely striate; whorls 7; aperture semioval, large; columella thickened roundly truncate.

583. *Glessula tenuispira* (Benson)

1836. *Achatina tenuispira* Benson, *J. Asiat. Soc. Beng.*, **5** : 353.
 1909. *Glessula tenuispira* : Pilsbry, *Man. Conch.*, (2)**20** : 88, pl. 9, figs 1, 4.
 1914. *Glessula tenuispira* : Gude, *Fauna Brit India*, Mollusca, **2** : 378
 1990. *Glessula tenuispira* : Mitra and Dey, *Rec. zool. Surv. India*, **86(1)** : 64, pl. 2, fig. 5.
 1995. *Glessula tenuispira* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4(part 8)** : 64, pl. 12, figs. 7, 8. Zool. Surv. India.
 2000. *Glessula tenuispira* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 27.
 2003. *Glessula tenuispira* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9(part 5)** : 136. Zool. Surv. India.
 2004. *Glessula tenuispira* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 160, figs. 117, 118.
 2007. *Glessula tenuispira* : Surya Rao, Mitra and Dey, *Fauna of Sikkim, State Fauna Series*, **14** : 115.

Distribution : India Arunachal Pradesh, Maharashtra (North Canara), Meghalaya, Mizoram, Sikkim, West Bengal (Darjeeling).

Elsewhere : Bangladesh, Myanmar.

Shell long and rather narrow, thin, very gradually tapering, closely, obliquely striate, whorls 10-12, sutures subcrenulate; aperture small, suboval, peristome thin, columella curved.

584. *Glessula tenuistesta* Gude

1914. *Glessula tenuistesta* Gude, *Fauna Brit. India*, Mollusca, **2** : 411, fig. 129.

2002. *Glessula tenuistesta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Tamil Nadu (Sispara, Nilgiri).

Shell elongate-conoid, thin, translucent, polished, with dense minute impressed lines; whorls 8-9, convex, sutures shallow; aperture subovate, peristome thin, perietal callus present.

585. *Glessula tinnevelica* Gude

1914. *Glessula tinnevelica* Gude, *Fauna Brit. India, Mollusca*, **2** : 416, fig. 132.

2002. *Glessula tinnevelica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.

Distribution : India : Tamil Nadu (Tinnevelly).

Shell elongately conoid polished, dark chestnut, finely striate, decussated by finer spirals which are more distinct at the base; whorls 8-9, flat sided, sutures shallow, crenulate; aperture pyriform, columella slightly curved, peristome descending vertically.

586. *Glessula tornensis* Blanford

1870. *Glessula tornensis* Blanford, *J. Asiat. Soc. Beng.*, **39** : 22, pl. 3, fig. 22.

1909. *Glessula tornensis* : Pilsbry, *Man. Conch.*, (2)**20** : 69, pl. 11, figs 3, 4.

1914. *Glessula tornensis* : Gude, *Fauna Brit. India, Mollusca*, **2** : 390.

2002. *Glessula tornensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

2005. *Glessula tornensis* : Surya Rao and Mitra, *Fauna of Western Himalaya (part 2)*, Himachal Pradesh : 48

Distribution : India : Himachal Pradesh, Kerala, Maharashtra, Tamil Nadu.

Shell elongate-oblong, thick, dark coloured, smooth, very finely striate, whorls 7-8, convex sutures deep, rather corrugated; aperture semioval, columella arcuate, vertically truncate, margins joined by a callus.

587. *Glessula travancorica* Gude

1914. *Glessula travancorica* Gude, *Fauna Brit. India, Mollusca*, **2** : 417.

2002. *Glessula travancorica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** :

Distribution : India : Kerala.

Shell rather small, elongate-conoid, glossy, finely striate, the striae becoming flexuous near the sutures, very faintly decussate; whorls 8-9; aperture semiovate, peristome thin, columella and outer margins not much curved.

588. *Glessula vadulica* (Benson)

1865. *Achatina vadulica* Benson, *Ann. Mag. nat. Hist.*, (3)**15** : 15.

1870. *Achatina (Electra) vadalica* : Hanley and Theobald, *Conch. Indica*, pl. 35, fig. 5.

1909. *Glessula vadalica* : Pilsbry, *Man. Conch.*, (2)20 : 64, pl. 9, fig. 11.

1914. *Glessula vadalica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 384.

Distribution : India : Maharashtra (Ahmednagar).

Shell elongate-turreted, thick polished, translucent, upper whorls costulatulately striate and more convex lower faintly striate and flatter, whorls 11, aperture elliptical, columella arcuate, margins joined by a thick callus.

Genus *Lamellaxis* Strebel and Pfeiffer, 1882

Subgenus *Allopeas* H.B. Baker, 1935

589. *Lamellaxis (Allopeas) cavernicola* (Annandale and Chopra)

1924. *Opeas cavernicola* Annandale and Chopra *Rec. Indian Mus.*, 26 : 24, figs. 1a, 2.

1995. *Lamellaxis cavernicola* : Subba Rao, Maitra, Dey and Mitra *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 65, pl. 12. figs. 3, 4. *Zool. Surv. India*.

Distribution : India : Meghalaya.

Shell much similar to that of *L. gracile*, whorls are more convex, opex more obtuse, sutures more deep and the columellar field more distinct.

So far not collected outside Meghalaya.

590. *Lamellaxis (Allopeas) gracile* (Hutton)

1834. *Bulimus?* Hutton, *J. Asiat. Soc. Beng.*, 3 : 84; No. 5 *Bulimus* (mithi) *gracilis* : 93.

1914. *Opeas gracile* : Gude, *Fauna Brit. Indica*, Mollusca, 2 : 355.

1979. *Opeas gracile* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 12.

1985. *Opeas gracile* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, 82(1-4) : 267.

1989. *Lamellaxis gracile* : Subba Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, 1 : 260, pl. 2C. *Zool. Surv. India*.

1991. *Lamellaxis gracile* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 42, pl. 4, fig. 7.

1992. *Lamellaxis gracile* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 43. *Zool. Surv. India*.

1995. *Lamellaxis gracile* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 65, pl. 13, figs. 3, 4. *Zool. Surv. India*.

2000. *Lamellaxis gracile* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 344. *Zool. Surv. India*.

2000. *Lamellaxis gracile* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 27.

2003. *Allopeas gracile* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 165. Zool. Surv. India.
2004. *Allopeas gracile* : Surya Rao, Mookherjee, Mitra, Maitra and Barua, *Fauna of Manipur, State Fauna Series*, 10(part 3) : 102, pl. 8, fig. 6. Zool. Surv. India.
2004. *Lamellaxis (Allopeas) gracile* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails* p. 162, figs. 119, 120.
2005. *Allopeas gracile* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 232. Zool. Surv. India.
2005. *Lamellaxis gracile* : Surya Rao and Mitra, *Fauna of Western Himalaya (part 2)*, Himachal Pradesh : 47.
2007. *Allopeas gracile* : Surya Rao, Mitra and Dey *Fauna of Mizoram, State Fauna Series*, 14 : 113. Zool. Surv. India.

Distribution : India : Common throughout. Occuring very close to human habitations, on damp walls on potted plants etc.

Elsewhere : A widely distributed species in whole of South-east Asia.

591. *Lamellaxis (Allopeas) latebricola* (Reeve)

1849. *Bulimus latebricola* (Benson) Reeve, *Conch. Icon.*, 5, *Bulimus*, pl. 80, fig. 572.
1874. *Bulimus latebricola* : Hanley and Theobald, *Conch. Indica*, pl. 79, fig. 7.
1914. *Opeas latebricola* : Gude, *Fauna Brit. India*, Mollusca, 2 : 358.
2000. *Lamellaxis latebricola* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
2002. *Opeas latebricola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution : India : Arunachal Pradesh, Meghalaya, Uttarakhand (Landour), West Bengal (Darjeeling).

Shell acuminate elongate, small, narrowly perforate, smooth or faintly spirally striate, columella thinly plaited.

592. *Lamellaxis (Allopeas) nevilli* (Godwin-Austen)

1876. *Opeas nevilli* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45 : 315, pl. 8, fig. 12.
1914. *Opeas nevilli* : Gude., *Fauna Brit. India*, Mollusca, 2 : 360.
2000. *Lamellaxis nevilli* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
2002. *Opeas nevilli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 45.

Distribution : Arunachal Pradesh (Dafla Hills).

Shell long, turreted with greenish tinge, finely striate. Differs form *L. gracile* being more elongate.

Genus *Prosopeas* Moerch 1876593. *Prosopeas achates* (Moerch)

1875. *Bulimus (Prosopeas) achates* Moerch, *J. Conchyl.*, **23** : 359.
 1906. *Prosopeas achates* : Pilsbry, *Man. Conch.*, (2)**18** : 27, pl. 12, figs. 4, 5.
 1914. *Prosopeas achates* : Gude, *Fauna Brit. India*, Mollusca, **2** : 365.
 2002. *Prosopeas achates* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.

Distribution : India : Nicobar Islands.

Shell elongate, imperforate, sculptured with narrow curving thread-like rib-lets, stronger above the periphery; aperture long, outerlip arched.

594. *Prosopeas haughtoni* (Benson)

1863. *Spiraxis haughtoni* Benson *Ann. Mag. nat. Hist.*, (3)**11** : 90.
 1914. *Prosopeas haughtoni* : Gude *Fauna Brit. India*, Mollusca, **2** : 364.
 1991. *Prosopeas haughtoni* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 43, pl. 4, fig. 9.
 2002. *Prosopeas haughtoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.
 2004. *Prosopeas haughtoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 163, figs. 121, 122.

Distribution : India : Andaman Islands.

Shell elongately conical imperforate, closely, obliquely striate, strong on apical whorl, whorls convex, subangulate of the periphery, aperture elliptical, columella concave, with a thick callus sinuate below.

Benson (1863) described a variety, *oxynter* also from the Andaman Islands.

595. *Prosopeas hebes* (Blanford)

1861. *Spiraxis hebes* Blanford, *J. Asiat. Soc. Beng.*, **30** : 361, pl. 1, fig. 15.
 1874. *Spiraxis hebes* : Hanley and Theobald, *Conch India*, pl. 79, fig. 10.
 1906. *Prosopeas hebes* : Pilsbry, *Man. Conch.*, (2)**18** : 32, pl. 12, fig. 6.
 1914. *Prosopeas hebes* : Gude, *Fauna Brit. India*, Mollusca, **2** : 362.
 2002. *Prosopeas hebes* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 13.

Distribution : India : Tamil Nadu (Nilgiris).

Shell ovate oblong imperforate with a blunt apex, rugosely sculptured, suture marginate, aperture elongately oval, outer lip thin columella thickened.

596. *Prosopeas pealei* (Tryon)

1869. *Opeas (Bulimus) pealei* Tryon, *Amer. Journ. Conch.*, **5** : 110. pl. 10, fig. 5.
 1906. *Prosopeas pealei* : Pilsbrg, *Man. Conch.*, (2)**18** : 29, pl. 6, figs 80, 81
 1914. *Prosopeas pealei* : Gude, *Fauna Brit. India*, Mollusca, **2** : 364.
 2002. *Prosopeas pealei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.

Distribution : India : Andaman Islands.

Shell long, slender, imperforate finely sculptured, whorls flat convex; aperture ovate, small, peristome thin, columella thickened straight, forming an angle below.

597. *Prosopeas roepstorffi* (Moerch)

1876. *Bulimus (Prosopeas) roepstorffi* Moerch, *J. Conchyl.*, **24** : 358.
 1906. *Prosopeas roepstorffi* : Pilsbry, *Man Conch.*, (2)**18** : 27, pl. 3, figs. 9.
 1914. *Prosopeas roepstorffi* : Gude, *Fauna Brit. India*, Mollusca, **2** : 366.
 1991. *Prosopeas roepstorffi* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 44, pl. 5, fig. 1.
 2002. *Prosopeas roepstorffi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.

Distribution : India : Nicobar Islands.

Shell elongate, fusiform, imperforate, roughly obliquely and arcuately striate, last whorl long (nearly half of the total length); aperture ovate, outer lip thin, widely rounded at base.

598. *Prosopeas walkeri* (Benson)

1863. *Spiraxis walkeri* Benson, *Ann. Mag. nat. Hist.*, (3)**11** : 90.
 1906. *Prosopeas walkeri* : Pilsbry, *Man. Conch.*, (2)**18** : 29, pl. 6, fig. 70.
 1914. *Prosopeas walkeri* : Gude, *Fauna Brit. India*, Mollusca, **2** : 363.
 1991. *Prosopeas walkeri* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 44, pl. 4, fig. 10.
 2004. *Prosopeas walkeri* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 164, figs. 123, 124.

Distribution : India : Andaman Islands.

Elsewhere : Myanmar, Thailand.

Shell rather small, cylindrical, imperforate, apex obtuse densely arcuately striate, whorls convex, aperture elliptical, peristome thin, arcuate above, columella arched, callosed, reflected.

Subfamily RUMININAE

Genus *Zootecus* Westerlund, 1887599. *Zootecus insularis* (Ehrenberg)

1831. *Pupa insularis* Ehrenberg, *Symb. Phys. Anim. Evert*, **1** : 3.
 1914. *Zootecus insularis* : Gude, *Fauna. Brit. India, Mollusca*, **2** : 367.
 1979. *Zootecus insularis* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 12.
 2002. *Zootecus insularis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 28.
 2004. *Zootecus insularis* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails, Zool. Surv. India*. p. 165, fig. 125.
 2005. *Zootecus insularis* : Mitra, Dey and Ramakrishna *Fauna of Andhra Pradesh, State Fauna Series*, **5(part 5)** : 233. *Zool. Surv. India*.

Distribution : India : Andhra Pradesh, Bihar, Delhi, Jammu and Kashmir, Maharashtra, Punjab, Rajasthan, Uttar Pradesh.

Shell sub-cylindrical, perforate, decussately sculptured, sutures impressed, aperture ovate, lips thickened reflected.

Z. insularis is the only species of the genus which is constant and also widely distributed from Andhra Pradesh in the south to Punjab and Jammu & Kashmir in the north.

600. *Zootecus pullus* (Gray)

1834. *Bulimus pullus* Gray, *Proc. zool. Soc., Lond.*, **1834** : 66.
 1865. *Bulimus pullus* : Blanford, *J. Asiat. Soc. Beng.*, **34** : 94.
 1914. *Zootecus pullus* : Gude, *Fauna Brit. India, Mollusca*, **2** : 371.
 1997. *Zootecus pullus* : Subba Rao, Mitra, Maitra and Biswas, *Fauna of Delhi, State Fauna Series*, **6** : 125, pl. 3, fig. 4. *Zool. Surv. India*.
 2005. *Zootecus pullus* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5(part. 5)** : 234. *Zool. Surv. India*.

Distribution : India : Andhra Pradesh, Delhi, Gujarat, Rajasthan, Uttar Pradesh.

Elswhere : Myanmar.

Shell similar to that in *Z. insularis* differs in having coarse, wrinkled sculpture and also in the aperture being more roundish, columella curved above.

601. *Zootecus agreensis* (Kurr)

1856. *Bulimus agreensis* Kurr, *Malak Blatt.*, **2** : 107.
 1906. *Zootecus insularis* var. *agreensis* : Pilsbry, *Man. Conch.*, (2) **18**.

1914. *Zootecus agrensis* : Gude, *Fauna Brit. India*, Mollusca 2 : 372.

2002. *Zootecus agrensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, 196 : 41.

Distribution : India : Uttar Pradesh (Agra).

Also similar to *Z. insularis* differs being smoother, lower whorls distantly radiately roughly striate, aperture more elongate.

602. *Zootecus chion* (Pfeiffer)

1856. *Bulimus chion*, *Proc. zool. Soc.*, Lond., 1856 : 332.

1870. *Bulimus chion* : Hanley and Theobald, *Conch. Indica*, pl. 122, fig. 1.

1906. *Zootecus insularis* f. *chion* : Pilsbry, *Man. Conch.*, (2)18 : 112, pl. 26, fig. 32.

1914. *Zootecus Chion* : Gude, *Fauna Brit India*, Mollusca, 2 : 373.

Distribution : India : Gujarat, Punjab, Uttar Pradesh

Elsewhere : Afganistan, Pakistan, Sind.

603. *Zootecus estellus* (Benson)

1857. *Bulimus estellus* Benson, *Ann. Mag. nat. Hist.*, (2)19 : 327.

1870. *Bulimus estellus* : Hanley and Theobald, *Conch. Indica*, pl. 22, fig. 4.

1914. *Zootecus estellus* : Gude, *Fauna Brit, India*, Mollusca 2 : 339.

2002. *Zootecus estellus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.

Distribution : India : Rajasthan,

Elsewhere : Sind.

Shell cylindrical perforate, distantly, spirally striate, aperture angulately oval, last whorl compressed near the perforation, ascending in front.

Differs from other being bigger and stouter.

Family ACHATINIDAE

Genus *Achatina* Lamarck 1799

Subgenus *Lissachatina* Bequaert 1951

604. *Achatina (Lissachatina) fulica fulica* Bowdich

1822. *Achatina fulica* 'Lamarck' Bowdich, *Elements of Conchology*, 1, pl. 13, fig. 3.

1989. *Achatina (Lissachatina) fulica fulica* : Subba Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, 1 : 26, figs. 3A, B. *Zool. Surv. India*.

1991. *Achatina (Lissachatina) fulica fulica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 39, pl. 3, fig. 7.

1992. *Achatina (Lissachatina) fulica fulica* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 44. Zool. Surv. India.
1995. *Achatina fulica fulica* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 7(part 8) : 65, pl. 13, figs 7, 8. Zool. Surv. India.
2000. *Achatina fulica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
2000. *Achatina (Lissachatina) fulica fulica* : Mookherjee, Thakur, Mitra and Baura, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 346. Zool. Surv. India.
2003. *Achatina fulica fulica* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 136. Zool. Surv. India.
2004. *Achatina (Lissachatina) fulica fulica* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 166, figs. 126, 127, C 39, C 40.
2005. *Achatina fulica fulica* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, 104(3-4) : 8, pl. 1, fig. 1.
2005. *Achatina fulica fulica* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 346. Zool. Surv. India.
2005. *Achatina fulica* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, 10(part 3) : 95. Zool. Surv. India.
2007. *Achatina (Lissachatina) fulica fulica* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 115. Zool. Surv. India.

Distribution : India : Common throughout including the Andaman and Nicobar Islands, except north-west region.

Elsewhere : Malagasy, Mauritius, Seychelles, Singapore.

Shell large to very large, ovately conoid, imperforate, thick, yellowish with brownish marking, coarsely, decussately sculptured, whorls 8, last whorl large and inflated; aperture ovate, large, columella broad, thick truncate below.

Superfamily STREPTAXOIDEA

Family STREPTAXIDAE

Subfamily STREPTAXINAE

Genus *Streptaxis* Gray, 1837

605. *Streptaxis beddomii* Blanford

1899. *Streptaxis beddomii* Blanford (Nevill Ms.), *Proc. zool. Soc., Lond.*, 1899 : 765, pl. 50. figs. 4, 7.
1908. *Streptaxis beddomii* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 11.
2002. *Streptaxis beddomii* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper, No.*, 196 : 14.

Distribution : India : Tamil Nadu (Anaimalai).

Blanford and Godwin-Austen (1908) refer to larger shells with variations in teeth characters from Tinnelvely (4000 ft.) and Wynaad.

606. *Streptaxis canaricus* Blanford

1869. *Streptaxis canaricus* Blanford, *J. Asiat. Soc. Beng.*, **38**(2) : 142, pl. 16, fig. 11.
 1876. *Streptaxis canaricus* : Hanley and Theobald, *Conch. Indica*, pl. 156, figs. 7, 8.
 1908. *Streptaxis canaricus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **I** : 15, fig. 9.
 2002. *Streptaxis canaricus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. paper No.*, **196** : 14.
 2004. *Streptaxis canaricus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 169, fig. 128, text-fig. 11, C.

Distribution : India : Karnataka.

It is one of the most curious shaped shells of land snails with the widely eccentric body whorl greatly deviating from the main axis and an aperture which is heavily laden with teeth all around.

607. *Streptaxis compressus* Blanford

1880. *Streptaxis compressus* Blanford, *J. Asiat. Soc. Beng.*, **49**(2) : 201, pl. 2, fig. 13.
 1908. *Streptaxis compressus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **I** : 15.
 2002. *Streptaxis compressus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. paper No.*, **196** : 14.

Distribution : India : Tamil Nadu (Tinnevelly).

608. *Streptaxis concinnus* Blanford

1880. *Streptaxis concinnus* Blanford, *J. Asiat. Soc. Beng.*, **49**(2) : 203, pl. 2, fig. 11.
 1908. *Streptaxis concinnus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **I** : 12.
 2002. *Streptaxis concinnus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 14.

Distribution : India : Karnataka.

609. *Streptaxis daflaensis* Godwin-Austen

1876. *Streptaxis daflaensis* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 317, pl. 8, fig. 14.
 1908. ² *Streptaxis daflaensis* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, **I** : 10.

Distribution : India : Arunachal Pradesh (Dafla Hills, 4000 ft.).

No subsequent report.

610. *Streptaxis footei* W. and H. Blanford

1861. *Streptaxis footei* W. and H. Blanford, *J. Asiat. Soc. Beng.*, **30** : 358., pl. 2, fig. 6.
 1868. *Streptaxis footei* : Pfeiffer *Mon. Hel.*, **5** : 448.

1908. *Streptaxis footei* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 11.
 2002. *Streptaxis footei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Tamil Nadu (Solamalai Hills, 3000 ft).

611. *Streptaxis peroteti* (Petit)

1841. *Helix peroteti* Petit, *Rev. zool.*, p. 100.
 1876. *Streptaxis peroteti* : Hanley and Thobald, *Conch Indica*, pl. 98, figs. 5, 6
 1880. *Streptaxis peroteti* : Blanford *J. Asiat. Soc. Beng.*, 49(2) : 205.
 1908. *Streptaxis peroteti* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, I : 10.
 2004. *Streptaxis peroteti* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 170 fig. 129.

Distribution : India : Tamil Nadu (Nilgiris, Annamalai Hills).

A variable shell varying in length-diameter proportion.

612. *Streptaxis personatus* Blanford

1880. *Streptaxis personatus* Blanford, *J. Asiat. Soc. Beng.*, 49(2) : 202, pl. 2, fig. 10.
 1908. *Streptaxis personatus* : Blanford Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 14.
 2002. *Streptaxis personatus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.
 2004. *Streptaxis personatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 170, fig. 130.

Distribution : India : Kerala, Tamil Nadu (Hills near Madurai, Travancore).

613. *Streptaxis pronus* Blanford

1880. *Streptaxis pronus* Blanford, *J. Asiat. Soc. Beng.*, 49(2) : 204, pl. 2, fig. 12.
 1908. *Streptaxis pronus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 14
 2002. *Streptaxis pronus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14

Distribution : India : Tamil Nadu (Tinnevelly Hills)

614. *Streptaxis scalptus* Blanford

1899. *Streptaxis scalptus* Blanford, *Proc. zool. Soc.*, Lond., 1899 : 706, pl. 50, figs. 89, 10.
 1908. *Streptaxis scalptus* : Blanford and Godwin-Austen, *Fauna Brit. Indica*, Mollusca, I : 12.
 2001. *Streptaxis scalptus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Karnataka, Maharashtra, Tamil Nadu.

615. *Streptaxis subacutus* Blanford

1869. *Streptaxis subacutus* Blanford, *Proc. zool. Soc.*, Lond., 1869 : 767, pl. 50, figs. 1, 2, 3.
 1908. *Streptaxis subacutus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 15
 2002. *Streptaxis subacutus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.

Distribution : India : Karnataka.

616. *Streptaxis theobaldi* Benson

1859. *Streptaxis theobaldi* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 187.
 1876. *Streptaxis theobaldi* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 317, pl. 8, fig. 15.
 1908. *Streptaxis theobaldi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 9.
 1995. *Streptaxis theobaldi* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State of Fauna Series*, 4(part 8) : 67, pl. 13, figs : 5, 6, *Zool. Surv. India*.

Distribution : India : Arunachal Pradesh, Meghalaya, Manipur, Nagaland, Myanmar.

617. *Streptaxis watsoni* W. and H. Blanford

1860. *Streptaxis watsoni* W. and H. Blanford, *J. Asiat. Soc. Beng.*, 29 : 126.
 1876. *Streptaxis watsoni* : Hanley and Theobald, *Conch. Indica*, pl. 8, fig. 8.
 1908. *Streptaxis watsoni* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 11.
 2002. *Streptaxis watsoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 14.
 2004. *Streptaxis watsoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 171, fig. 131.

Distribution : India : Kerala, Tamil Nadu (Nilgiris, Wynaad).

Genus *Haploptychius* Moellendorff, 1906618. *Haploptychius andamanicus* (Benson)

1860. *Streptaxis andamanicus* Benson, *Ann. Mag. nat. Hist.*, (3)6 : 192.
 1908. *Streptaxis andamanicus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, I : 5.
 1991. *Haploptychius andamanicus* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 75, pl. 5, fig. 5.
 2002. *Haploptychius andamanicus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 5.
 2005. *Haploptychius andamanicus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 172, fig. 132.

Distribution : India : Andaman Islands.

Juvenile shells are simple with no excentricity of the last whorl and look completely different from the adult forms.

619. *Haploptychius burmanicus* (Blanford)

1864. *Streptaxis burmanicus* Blanford, *J. Asiat. Soc. Beng.*, **33** : 245.
1908. *Streptaxis burmanicus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca (Testacellidae and Zonitidae) : 6, fig. 5.
1990. *Haploptychius burmanicus* : Mitra and Dey *Rec. zool. Surv. India*, **86**(1) : 65.
2007. *Haploptychius burmanicus* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 116, Zool. Surv. India.

Distribution : India : Mizoram.

Elsewhere : Myanmar.

620. *Haploptychius pfeifferi* (Zelebor)

1867. *Streptaxis pfeifferi* Zelebor, *Verh. zool bot. Ges. Wien*, **17** : 806.
1908. *Streptaxis pfeifferi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 6.
1991. *Haploptychius pfeifferi* : Subba Raw and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 76, pl. 5, fig. 6.
2002. *Haploptychius pfeifferi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5.
2004. *Haploptychius pfeifferi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 173, figs. 133, 134.

Distribution : India : Nicobar Islands.

Streptaxidae is perhaps the only family which includes many of the Indian species of carnivorous land snail. Apertures are mostly greatly distorted and obliterated by presence of number of teeth and lamellae. Shells in many cases (particularly in genera *Streptaxis*, *Haploptychius*) are rather strong looking because of the eccentricity and compression of the body whorl. As van Bruggen (1972) said young shells of streptaxids to usually conform to a definite flattened pattern with simple aperture, quite different from the mature forms.

Subfamily ENNEINAE

Genus *Ennea* H. and A. Adams, 1858

621. *Ennea blanfordiana* Godwin-Austen

1872. *Ennea blanfordiana* Godwin-Austen, *Proc. zool. Soc., Lond.*, **1872** : 515, pl. 30, fig. 4.
1876. *Ennea blanfordiana* : Hanley and Theobald *Conch. Indica*, pl. 100, fig. 2.
1908. *Ennea blanfordiana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 17.
2000. *Ennea blanfordiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 25.

Distribution : India : Assam (5,7000 ft.).

622. *Ennea milium* Godwin-Austen

1876. *Ennea milium* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 317, pl. 8, fig. 11.
 1899. *Ennea milium* : Blanford, *Proc. zool. Soc.*, Lond., pl. 50, figs. 18, 19.
 2000. *Ennea milium* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 28.
 2002. *Ennea milium* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, **196** : 34

Distribution : India : Arunachal Pradesh (7,000 ft.)

The species is known only by its type, a single shell.

623. *Ennea nagaensis* Blanford

1899. *Ennea nagaensis* (Godwin-Austen Ms.) Blanford, *Proc. zool. Soc.*, Lond., **1899** : 769, pl. 50, fig. 22.
 1908. *Ennea nagaensis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 17.
 2000. *Ennea nagaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 28.
 2002. *Ennea nagaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 25.

Distribution : India : Nagaland.

624. *Ennea stenopylis* Benson

1860. *Ennea stenopylis* Benson, *Ann. Mag. nat. Hist.*, (3)**5** : 460.
 1908. *Ennea stenopylis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 17.
 1995. *Ennea stenopylis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(Part 8) : 66, pl. 13, figs. 9, 10. *Zool. Surv. India*.
 2000. *Ennea stenopylis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 28.
 2002. *Ennea stenopylis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.
 2005. *Ennea stenopylis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India*, 174, figs. 135, 136.

Distribution : India : Arunachal Pradesh, Manipur, Meghalaya, Nagaland, Sikkim (above 4000 ft.).

The shell shows much variations in length-diameter ratio.

625. *Ennea vara* (Benson)

1859. *Pupa vara* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 188.
 1908. *Ennea vara* : Blanford and Godwin-Austen *Fauna Brit. India, Mollusca*, **1** : 16, fig. 10.
 1995. *Ennea vara* : Subba Rao, Mitra Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(Part 8) : 60, pl. 13 fig. 1, 2, *Zool. Surv. India*.

2000. *Ennea vara* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 28.
2002. *Ennea vara* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 25, pl. 12, figs. 4,5.
2005. *Ennea vara* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India p. 175. fig. 137.

Distribution : India : Assam, Meghalaya.

Genus *Gulella* L. Pfeiffer 1856

Subgenus *Huttonella* Pfeiffer, 1856

626. *Gulella (Huttonella) beddomei* (Blanford)

1880. *Ennea beddomei* Blanford, *J. Asiat. Soc. Beng.*, **49** : 210.
1899. *Ennea beddomei* : Blanford, *Proc. zool. Soc. Lond.*, **1899** : 770. pl. 50, figs. 20, 21.
1908. *Ennea beddomei* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 23.
2002. *Ennea beddomei* : Ramkrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : Tamil Nadu.

627. *Gulella (Huttonella) bicolor* (Hutton)

1834. *Pupa bicolor* Hutton, *J. Asiat. Soc. Beng.*, **3** : 86, 93.
1908. *Ennea bicolor* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, **1** : 19, fig. 12.
1989. *Huttonella bicolor* : Subba Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, **1** : 263, figs. 4A and B, Zool. Surv. India.
1991. *Gulella (Huttonella) bicolor* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 73, pl. 5, fig. 2.
1998. *Gulella (Huttonella) bicolor* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3(Part-9)** : 44, Zool. Surv. India.
2000. *Gulella (Huttonella) bicolor* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 28.
2000. *Gulella (Huttonella) bicolor* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, **7(Part 4)** : 346, Zool. Surv. India.
2003. *Huttonella bicolor* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9(Part 5)** : 136. Zool. Surv. India.
2004. *Huttonella bicolor* : Surya Rao, Mukherjee, Mitra, Manna and Barua. *Fauna of Sikkim, State Fauna Series*, **10(Part 3)** : 94, pl. 9, fig. 3, Zool. Surv. India.
2004. *Gulella (Huttonella) bicolor* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, 176., figs. 138, 139.
2005. *Gulella bicolor* : Mitra, Dey and Ramakrishna, *Fauna of Arunachal Pradesh, State Fauna Series*, **5(Part 5)** : 235. Zool. Surv. India.

2007. *Gulella bicolor* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 116, Zool. Surv. India.

Distribution : India : Common throughout.

Elsewhere : A cosmopolitan species widely distributed through whole of S.E. Asia, West Indies.

The exceptionally wide range of distribution of this species is commonly attributed to human agency. It usually occurs in company of man (Berry, 1964). It is one of the very few carnivorous species of Indian land snails, *Opeas gracile* the common garden snail happens to be its most common prey.

628. *Gulella (Huttonella) canarica* (Blanford)

1880. *Ennea canarica* Blanford (Beddome Ms.) *J. Asiat. Soc. Beng.*, 49 : 210.
 1899. *Ennea canarica* : Blanford, *Proc. zool. Soc.*, Lond., 1899 : 770. pl. 50, fig. 25.
 1908. *Ennea canarica* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, I : 23.
 2002. *Ennea canarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.

Distribution : India : Karnataka.

629. *Gulella (Huttonella) exilis* (Blanford)

1880. *Ennea exilis* Blanford, *J. Asiat. Soc. Beng.*, 49 : 207, pl. 2. fig. 14.
 1908. *Ennea exilis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, I : 22.
 2002. *Ennea exilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.

Distribution : India : Karnataka.

630. *Gulella (Huttonella) macrodon* (Blanford)

1880. *Ennea macrodon* Blanford, *J. Asiat. Soc. Beng.*, 49 : 205, pl. 2, fig. 15.
 1908. *Ennea macrodon* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, I : 21, fig. 13.
 2002. *Ennea macrodon* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.
 2004. *Gulella (Huttonella) macrodon* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 177, fig. 140.

Distribution : India : Tamil Nadu.

631. *Gulella (Huttonella) pirriei* (Pfeiffer)

1854. *Pupa pirriei* Pfeiffer, *Proc. zool. Soc.*, Lond., 1854 : 295.
 1876. *Pupa (Ennea) pirriei* : Hanley and Theobald, *Conch. Indica*, pl. 100, fig., 1.

1878. *Ennea (Huttonella) pirriei* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 7.
 1908. *Ennea pirriei* : Blanford and Godwin-Austen, *Fauna Brit., India*, Mollusca **1** : 22.
 2002. *Ennea pirriei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : Tamil Nadu.

632. *Gulella (Huttonella) sculpta* (Blanford)

1869. *Ennea sculpta* Blanford, *J. Asiat. Soc. Beng.*, **38** : 141, pl. 16, fig. 10.
 1876. *Pupa (Enner) sculpta* : Hanley and Theobald, *Conch. Indica*, pl. 160, fig. 1.
 1908. *Ennea sculpta* : Blanford and Godwin-Austen, *Fauna. Brit. India*, Mollusca, **1** : 22.
 2002. *Ennea sculpta* : Ramakrishna and Mitra., *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.
 2004. *Gulella (Huttonella) sculpta* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 178, fig. 141.

Distribution : India : Kerala. (Pulney Hills).

633. *Gulella (Huttonella) subcostulata* (Blanford)

1880. *Ennea subcostulata* Blanford, *J. Asiat. Soc. Beng.*, **49** : 206, pl. 2. fig. 14.
 1908. *Ennea subcostulata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 21.
 2002. *Ennea subcostulata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : (Shevroy Hills).

634. *Gulella (Huttonella) turricula* (Blanford)

1899. *Ennea turricula* Blanford, *Proc. zool. Soc., Lond.*, **1899** : 768, pl. 50, figs. 16, 17.
 1908. *Ennea turricula* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, **1** : 22.
 2002. *Ennea turricula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : Karnataka, Tamil Nadu (4000 ft.) (South Canara, Annamalai).

Genus *Sinoennea* Kobelt, 1904

635. *Sinoennea moerchiana* (Nevill)

1881. *Ennea moerchiana* Nevill (Roepstorff Ms.), *J. Asiat. Soc., Beng.*, **1** : 130.
 1908. *Ennea moerchiana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 24, fig. 15.
 1991. *Sinoennea moerchiana* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **126** : 74, pl. 4, fig. 6.
 2002. *Sinoennea moerchiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India*, **196** : 5, pl. 4, fig. 9.
 2004. *Sinoennea moerchiana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 179. fig. 142.

Distribution : India : Nicobar Islands.

Known only by its holotype with no subsequent record.

636. *Sinoennea planguncula* (Benson)

1863. *Pupa planguncula* Benson, *Ann. Mag. nat. Hist.*, (3)12 : 426.

1876. *Pupa planguncula* : Hanley and Theobald, *Conch. Indica*, pl. 101, fig. 2.

1908. *Ennea planguncula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 23, fig. 2.

2002. *Ennea planguncula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.

2004. *Sinoennea planguncula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 180, text-fig. 42, a, b.

Distribution : India : Andhra Pradesh, Madhya Pradesh, Orissa.

Superfamily PLECTOPYLIDOIDEA

Family PLECTOPYLIDIDAE

Genus *Plectopylis* Benson, 1860

Subgenus *Chersaecia* Gude 1899

637. *Plectopylis (Chersaecia) austeni* Gude

1899. *Plectopylis austeni* Gude, *Science Gossip*, N.S., 6 : 15, fig. 97.

1914. *Plectopylis (Chersaecia) austeni* Gude, *Fauna Brit. India*, Mollusca, 2 : 90, fig. 38.

2000. *Plectopylis (Chersaecia) austeni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.

2002. *Plectopylis austeni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Diyung valley, Singpho (Assam)

Shell discoid, sinistral, widely umbilicate, finely closely ribbed and decussated by spirals; whorls 6-7, flat above, sutures impressed, last whorl keeled above periphery, descending in front; aperture rather ovate, peristome thickened, reflected, margins joined by a strong ridge, notched above and below.

The genus is characterised by the presence of 'parietal and palatal armature', inside the last whorl. These consist of transverse plates and denticles numbers and shapes of which vary from species to species. For details of which Gude (1914) may be referred.

638. *Plectopylis (Chersaecia) babbagei* Gude

1916. *Plectopylis (Sinicola) babbagei* Gude, *Rec. Indian Mus.*, 8 : 512, pl. 42, figs. 4-4d.

2002. *Plectopylis babbagei* : Ramakrishna and Mitra *Rec. zool. Surv. India Occ. Paper No.*, 196 : 39.

Distribution : India : Arunachal Pradesh (Apor Hills).

639. *Plectopylis (Chersaecia) bedfordi* Gude

1916. *Plectopylis (Chersaecia) bedfordi* : Gude, *Rec. Indian Mus.*, **8** : 510, pl. 42, figs. 2-2d.
 2000. *Plectopylis (Chersaecia) bedfordi* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 29.
 2002. *Plectopylis bedfordi* : Ramakrishna and Mitra, *Rec. zool. Surv. India Occ. Paper No.*, **196** : 39.

Distribution : India Arunachal Pradesh (Abor Hills).

640. *Plectopylis (Chersaecia) brahma* (Godwin-Austen)

1879. *Helix (Plectopylis) brahma* Godwin-Austen, *J. Asiat. Soc. Beng.*, **48** : 3, pl. 1, fig. 3.
 1914. *Plectopylis (Chersaecia) brahma* : Gude, *Fauna. Brit. India, Mollusca*, **2** : 113, fig. 54.
 1995. *Plectopylis (Chersaecia) brahma* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4(part 6)** : 60, pl. 9, figs. 7, 8. *Zool. Surv. India*.
 2000. *Plectopylis (Chersaecia) brahma* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 29.
 2002. *Plectopylis brahma* : Ramakrishna and Mitra. *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26, pl. 9, figs. 5, 6.
 2004. *Plectopylis (Chersaecia) brahma* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 181, fig. 143.

Distribution : India : Arunachal Pradesh, Meghalaya.

Shell small, depressed, sinistral, narrowly but deeply perforate, finely, obliquely striate; whorls 8, narrow, last whorl compressed and angulate above, descending; aperture lunate, peristome thickened and reflected, margins joined by a callus.

641. *Plectopylis (Chersaecia) manipurensis* (Godwin-Austen)

1874. *Helix (Plectopylis) manipurensis* Godwin-Austen, *Proc. zool. Soc., Lond.*, **1874** : 610, pl. 73, fig. 6.
 1898. *Plectopylis manipurensis* : Gude, *Science Gossip N.S.*, **4** : 203, pl. 69.
 1914. *Plectopylis manipurensis* : Gude, *Fauna Brit. India, Mollusca*, **2** : 94, fig. 41.
 2000. *Plectopylis (chersaecia) manipurensis* : *Rec. zool. Surv. India*, **98(2)** : 29.
 2002. *Plectopylis manipurensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution : India : Manipur.

Shell small globosely discoid, dextral, openly umbilicate, brownish with a few coloured spots above; whorls 7, flat, sutures deep, last whorl constricted behind the aperture, descending; aperture subcircular with a small compression above. peristome reflected, a ridge along the margin present.

642. *Plectopylis (Chersaecia) muspratti* Gude

1897. *Plectopylis muspratti* Gude, *Science Gossip*, N.S., 6 : 10, fig. 45.
 1914. *Plectopylis (Chersaecia) muspratti* : Gude, *Fauna Brit. India*, Mollusca, 2 : 89, fig. 37, a-f.
 2000. *Plectopylis (Chersaecia) muspratti* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis muspratti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.
 2004. *Plectopylis (Chersaecia) muspratti* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 182, fig. 43.

Distribution : India : Nagaland.

Shell discoidal, sinistral, widely umbilicate, with brownish streaks, finely obliquely striate, decussated by spirals, whorls 6-7, the last flattened above, descending; aperture lunate, peristome thickened, reflected with parietal lamella entering into.

643. *Plectopylis (Chersaecia) nagaensis* (Godwin-Austen)

1874. *Helix (Plectopylis) nagaensis* Godwin-Austen *Proc. zool. Soc.*, Lond., 1874 : 609, pl. 73, fig. 4.
 1897. *Plectopylis nagaensis* : Gude *Science Gossip*, N.S., 3 : 206, fig. 33.
 1914. *Plectopylis (Chersaecia) nagaensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 96, fig. 42.
 2000. *Plectopylis (Chersaecia) nagaensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis nagaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Nagaland (Naga Hills).

Shell sinistral, widely umbilicate, coarsely striate, whorls 7, flat, narrow, last steeply descending; aperture broadly lunate, peristome very thick, reflected; a thick ridge connects the inner margins, a horizontal lamella entering into the aperture.

644. *Plectopylis (Chersaecia) oglei* (Godwin-Austen)

1879. *Helix (Plectopylis) oglei* Godwin-Austen, *J. Asiat. Soc. Beng.*, 48 : 3, pl. 1, fig. 2.
 1898. *Plectopylis ogei* : Gude, *Science Gossip*, N.S., 4 : 263, fig. 68.
 1914. *Plectopylis (Chersaecia) oglei* : Gude *Fauna Brit. India*, Mollusca., 2 : 92, fig. 39.
 2000. *Plectopylis (Chersaecia) oglei* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis oglei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.
 2004. *Plectopylis (Chersaecia) oglei* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 183, fig. 44, a, b.

Shell dextral, discoid, widely umbilicate, apex blunt and concave, brownish with oblique lighter markings, finely striate; whorls 8, last compressed above and descending; aperture ovate, peristome thickened, reflected, parietal callus feebly developed.

Distribution : Assam, (Sadiya).

645. *Plectopylis (Chersaecia) serica* (Godwin-Austen)

1874. *Helix (Plectopylis) serica* Godwin-Austen *Proc. zool. Soc.*, Lond., 1874 : 608, pl. 73, fig. 5.
 1897. *Plectopylis serica* : Gude, *Science Gossip*, N.S., 3 : 205, fig. 31.
 1914. *Plectopylis (Chersaecia) serica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 93, fig. 40.
 2000. *Plectopylis (Chersaecia) serica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis serica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Assam, Nagaland (5,000 ft.).

Shell dextral, widely umbilicate, flat above, with narrow oblique brown bands crossing the whorls, whorls 7, narrow, last descending; aperture diagonal, peristome reflected, continuous on the parietal margin.

646. *Plectopylis (Chersaecia) shiroiensis* (Godwin-Austen)

1874. *Helix (Plectopylis) shiroiensis* Godwin-Austen, *Proc. zool. Soc.*, Lond., 1874 : 609, pl. 73, fig. 3.
 1896. *Plectopylis shiroiensis* : Gude, *Science Gossip*, N.S., 3 : 155, fig. 20.
 1914. *Plectopylis (Chersaecia) shiroiensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 105, fig. 49.
 2000. *Plectopylis (Chersaecia) shiroiensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis shiroiensis* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Manipur.

Shell rather small, sinistral, openly umbilicate, thin, very finely striate; whorls 6, the rounded above, compressed below behind aperture, descending; aperture broadly lunate, peristome continuous reflected, parietal ridge and entering lamella present.

647. *Plectopylis (Chersaecia) williamsoni* Gude

1915. *Plectopylis (Chersaecia) williamsoni* Gude *Rec. Indian Mus.*, 8 : 509, pl. 42, figs. 1-1d.
 2000. *Plectopylis (Chersaecia) williamsoni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis williamsoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 39.

Distribution : India : Arunachal Pradesh (Abor Hills)

Subgenus *Endoplion* Gude, 1899

648. *Plectopylis (Endoplion) aborensis* Gude

1915. *Plectopylis (Endoplion) aborensis* Gude, *Rec. Indian Mus.*, 8 : 511, pl. 42, figs. 3-3d.
 2002. *Plectopylis aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 39.

Distribution : India : Arunachal Pradesh (Abor Hills).

Subgenus *Endothyrella* Zilch, 1960649. *Plectopylis (Endothyrella) affinis* Gude

1897. *Plectopylis affinis* Gude, *Science Gossip*. N.S., 3 : 276, fig. 41.
1914. *Plectopylis (Endothyra) affinis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 84, fig. 34.
1985. *Plectopylis affinis* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, 82 (1-4) : 266.
1990. *Plectopylis affinis* : Mitra and Dey, *Rec. zool. Surv. India*, 86(1) : 53, pl. 2, figs. 3, 4.
1995. *Plectopylis (Endothyra) affinis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 60, pl. 10, figs. 3, 4. *Zool. Surv. India*.
2000. *Plectopylis (Endothyrella) affinis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
2002. *Plectopylis affinis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.
2004. *Plectopylis (Endothyrella) affinis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, *Zool. Surv. India*. p. 184, figs. 144, 145.
2007. *Plectopylis (Endothyra) affinis* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 116. *Zool. Surv. India*.

Distribution : India : Arunachal Pradesh, Meghalaya, Mizoram.

Shell sinistral, thick, discoid, with a low conoid spire, pale yellowish, coarsely sculptured with oblique and spiral markings, whorls 7, the last subangulate above periphery; aperture ear shaped, peristome thickened, reflected, parietal ridge with notches on both sides.

650. *Plectopylis (Endothyrella) blanda* Gude

1898. *Plectopylis (Endothyra) blanda* Gude, *Science Gossip*, N.S., 4 : 264, fig. 70.
1914. *Plectopylis (Endothyra) blanda* : Gude, *Fauna Brit. India*, Mollusca, 2 : 77, fig. 28.
1992. *Plectopylis (Endothyra) blanda* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 88. *Zool. Surv. India*.
2000. *Plectopylis (Endothyra) blanda* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
2002. *Plectopylis blanda* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.
2003. *Plectopylis blanda* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9 (part 5) : 135. *Zool. Surv. India*.

Distribution : India : Nagaland, Sikkim, West Bengal (Darjeeling)

Shell small, sinistral depressedly conical with a slightly raised spire, deeply umbilicate, finely regularly ribbed, whorls 6, the last angulate above periphery and also around the umbilicus; aperture lunate, flattened on the outer margin peristome, thickened reflected.

651. *Plectopylis (Endothyrella) fultoni* (Godwin-Austen)

1892. *Helix (Plectopylis) fultoni* Godwin-Austen, *Ann. Mag. nat. Hist.*, (6)10 : 300.

1896. *Plectopylis fultoni* : Gude, *Science Gossip*, N.S., 3 : 178, fig. 23.
 1914. *Plectopylis (Endothyra) fultoni* : Gude, *Fauna Brit. India*, Mollusca, 2 : 87, fig. 36.
 2000. *Plectopylis (Endothyrella) fultoni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
 2002. *Plectopylis fultoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Meghalaya.

Shell sinistral, keeled, subgloboseley discoid, widely umbilicate, finely, closely striate (fresh shells with rows of hairs); whorls 7, the last flattened below, slightly descending, aperture semiovate, peristome thin, a little reflected.

652. *Plectopylis (Endothyrella) gregorsoni* Gude

1915. *Plectopylis (Endothyra) gregorsoni* Gude, *Rec. Indian Mus.*, 8 : 505; pl. 41, figs. 2a-2d.
 2000. *Plectopylis (Endothyra) gregorsoni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
 2002. *Plectopylis gregorsoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 39.

Distribution : Arunachal Pradesh (Abor Hills).

653. *Plectopylis (Endothyrella) hanleyi* (Godwin-Austen)

1879. *Helix (Plectopylis) hanleyi* Godwin-Austen, *Ann. Mag. nat. Hist.*, (5) 4 : 164.
 1899. *Plectopylis hanleyi* : Gude, *Science Gossip*, N.S., 5 : 240.
 1914. *Plectopylis (Endothyra) hanleyi* : Gude, *Fauna Brit India*, Mollusca, 2 : 77.
 2000. *Plectopylis (Endothyra) hanleyi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
 2002. *Plectopylis hanleyi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 39.

Distribution : India : Sikkim

Shell small, sinistral, depressedly conoid, widely umbilicate, irregularly, coarsely sculptured with transverse ridges; whorls 6, rounded, aperture subcircular, peristome, slightly thickened, a thin callus on parietal side. This species was based on a single shell (Gude, 1914).

654. *Plectopylis (Endothyrella) macromphalus* (Blanford)

1870. *Helix (Plectopylis) macromphalus* Blanford, *J. Asiat. Soc. Beng.*, 39 : 17, pl. 3, fig. 14.
 1897. *Plectopylis macromphalus* : Gude, *Science Gossip*, N.S., 4 : 10, fig. 46.
 1914. *Plectopylis (Endothyrella) macromphalus* : Gude *Fauna Brit. India*, Mollusca, 2 : 79, fig. 29.
 2000. *Plectopylis (Endothyrella) macromphalus* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 28.
 2002. *Plectopylis macromphalus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.
 2004. *Plectopylis (Endothyrella) macromphalus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 185, fig. 146.

Distribution : India : Arunachal Pradesh, Meghalaya, Nagaland.

Shell very small, sinistral, discoid, nearly flat above, moderately umbilicate, coarsely, obliquely striate, decussated by spirals; whorls 5-6, the last compressed above periphery; aperture lunate, peristome, thickened and reflected.

655. *Plectopylis (Endothyrella) minor* (Godwin-Austen)

1879. *Helix (Plectopylis) minor* Godwin-Austen, *Ann. Mag. nat. Hist.*, (5)4 : 164.
 1897. *Plectopylis minor* : Gude, *Science Gossip*, N.S., 4 : 11, fig. 4, 7.
 1914. *Plectopylis (Endothyrella) minor* : Gude, *Fauna Brit. India*, Mollusca, 2 : 75, fig. 27.
 1992. *Plectopylis (Endothyrella) minor* : Thakur, Mitra and Maitra. *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 88. *Zool. Surv. India*.
 1995. *Plectopylis (Endothyrella) minor* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 60, pl. 9, figs. 5, 6. *Zool. Surv. India*.
 2000. *Plectopylis (Endothyrella) minor* : Dey and Mitra. *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis (Endothyrella) minor* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.

Distribution : India : Manipur, Meghalaya, Nagaland, Sikkim, West Bengal (Darjeeling).

Shell rather small, sinistral, openly umbilicate, with broad, brownish transverse bands above, coarsely sculptured by both oblique and spiral markings; whorls 5, the last subangulate and descending in front; aperture lunate, peristome flattened on the outer, upper margin.

656. *Plectopylis (Endothyrella) miriensis* Gude

1915. *Plectopylis (Endothyrella) miriensis* Gude, *Rec. Indian Mus.*, 8 : 507, pl. 41, figs. 3-3d.
 2000. *Plectopylis (Endothyrella) miriensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis miriensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 39.

Distribution : India : Arunachal Pradesh.

657. *Plectopylis (Endothyrella) oakesi* Gude

1915. *Plectopylis (Endothyra) oakesi* Gude. *Rec. Indian Mus.* 8 : 506, pl. 41, figs. 1-1d.
 2000. *Plectopylis (Endothyra) oakesi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis oakes* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 39.

Distribution : India : Arunachal Pradesh.

658. *Plectopylis (Endothyrella) pinacis* (Benson)

1859. *Helix pinacis* Benson, *Ann. Mag. nat. Hist.* (3)3 : 268.

1914. *Plectopylis (Endothyra) pinacis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 86, fig. 35.
1992. *Plectopylis (Endothyra) pinacis* : Thakur, Mitra, and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 88. Zool. Surv. India.
2000. *Plectopylis (Endothyra) pinacis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 29.
2002. *Plectopylis pinacis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.
2004. *Plectopylis (Endothyra) pinacis* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 186, fig. 147, 148.

Distribution : India : Sikkim, West Bengal (Darjeeling).

Shell fairly large, sinistral, widely umbilicate, with a flattered spire, ducussately sculptured by oblique striate and spire lines; whorls 7-8, flat above, the last angulate both above and below, descending; aperture lunate, peristome thickened.

659. *Plectopylis (Endothyrella) plectostoma* (Benson)

1836. *Helix plectostoma* Benson, *J. Asiat. Soc. Beng.*, **5** : 351.
1914. *Plectopylis (Endothyrella) plectostoma* : Gude, *Fauna Brit. India*, Mollusca, **2** : 81, fig. 31, 32, 33.
1990. *Plectopylis plectostoma* : Mitra and Dey, *Rec. zool. Surv. India*, **86**(1) : 54, pl. 2, figs. 8, 9.
1995. *Plectopylis (Endothyra) plectostoma* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 61, pl. 10, figs. 1, 2. Zool. Surv. India.
2000. *Plectopylis (Endothyra) plectostoma* : Dey and Mitra *Rec. zool. Surv. India*, **98**(2) : 29.
2004. *Plectopylis plectostoma* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 92, pl. 8, fig. 7. Zool. Surv. India.
2004. *Plectopylis (Endothyra) plectostoma* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 186, figs. 149, 150.
2005. *Plectopylis (Endothyra) plectostoma* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, **104**(3-4) : 10, pl. 2, figs. 4, 5.
2007. *Plectopylis (Endothyra) plectostoma* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 117. Zool. Surv. India.

Distribution : India : Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, West Bengal (Darjeeling).

Elsewhere : Bangladesh, Myanmar.

Shell small, sinistral, narrowly umbilicate, depressed with a conoid spire, coarsely sculptured with oblique striate and spiral plications giving a plaited appearance above smoother below; whorls 5, the last compressed and descending; peristome thickened and reflected.

Gude (1914) described two varieties, *tricarinata* and *exserta* both from the Khasi Hills, differing from the typical by sculpture and also by the shape of shell.

660. *Plectopylis (Endothyrella) sowerbyi* Gude

1889. *Plectopylis sowerbyi* Gude, *Science Gossip*, N.S., 5 : 239, fig. 93.
 1914. *Plectopylis sowerbyi* : Gude, *Fauna Brit. India*, Mollusca, 2 : 80, fig. 30.
 2000. *Plectopylis (Endothyrella) sowerbyi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.
 2002. *Plectopylis sowerbyi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 25.

Distribution : India : Meghalaya (Khasi Hills).

Differs from, *P. plectostoma* having flatter spire, being more widely umbilicate, and the last whorl being straight (not descending in front). It also differs in the armature.

Genus *Corilla* H. and A. Adams, 1865661. *Corilla anax* (Benson)

1865. *Helix anax* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 12.
 1896. *Corilla anax* : Gude, *Fauna Brit. India*, Mollusca, 2 : 59, fig. 16.
 2002. *Corilla anax* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.
 2004. *Corilla anax* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 187, figs. C 41, C 43.

Distribution : India : Kerala, Tamil Nadu (Western Ghats).

Abundant on and under logs in moist woods at 2000 ft.

Shell fairly large, thick, discoid with a nearly sunken spire, widely umbilicate, dark chocolate, strongly obliquely costulate, whorls 5, flattered above, rounded below, the last laterally compressed, dilated and descending; aperture oblong, peristome thickened, reflected; the last whorl contains internal plates, two of which are seen from outside.

Superfamily PUNCTOIDEA

Family ENDODONTIDAE

Genus *Philalanka* Godwin-Austen, 1898662. *Philalanka bidenticulata* (Benson)

1852. *Helix bidenticulata* Benson, *Ann. Mag. nat. Hist.*, (2)9 : 405.
 1870. *Helix bidenticulata* : Hanley and Theobald, *Conch. Indica*, pl. 60, fig. 6.
 1900. *Sesara bidenticulata* : Gude, *Journ. Malac.*, 7 : 142.
 1914. *Philalanka bidenticulata* : Gude, *Fauna Brit. India*, Mollusca, 2 : 20.
 2002. *Philalanka bidenticulata* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.

Distribution : India : Tamil Nadu (Nilgiris)

Shell very small, depressedly conical, perforate, indistinctly radiately striate, whorls 6, convex, the last carinate, aperture securiform, columella oblique, expanded, reflected above, basal margin arcuate, two denticles.

663. *Philalanka bilirata* (Blanford)

1861. *Helix bilirata* Blanford, *J. Asiat. Soc. Beng.*, **30** : 352, pl. 1, fig. 7.

1882. *Sitala bilirata* : Godwin-Austen *Land and Freshwater Moll. India*, **1** : 40.

1914. *Philalanka bilirata* : Gude, *Fauna Brit. India*, Mollusca, **2** : 15.

2002. *Philalanka bilirata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : Tamil Nadu (Shevroy, Kolamullie Hills).

Shell small, globosely turbinate, perforate, transeversely striate, whorls 7, carinate above, the last acutely bicarinate; aperture angulately lunate, columella reflected.

664. *Philalanka bolampattiensis* Godwin-Austen

1898. *Philalanka bolampattiensis* Godwin-Austen, *Proc. malac. Soc., Lond.*, **3** : 13, pl. 1, fig. 6.

1914. *Philalanka bolampattiensis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 22.

Distribution : India Bolampatti Hills (?).

Shell rather small depressedly conoid, widely umbilicate, finely vertically striate; whorls 6, liriate above the suture flattened on sides; aperture narrowly lunate, peristome thickened, columella reflected.

665. *Philalanka daghoba* (Blanford)

1861. *Helix daghoba* Blanford, *J. Asiat. Soc. Beng.*, **30** : 356, pl. 2, fig. 2.

1875. *Helix daghoba* : Hanley and Theobald *Conch. Indica*, pl. 150, fig. 10.

1900. *Sesara daghoba* : Gude, *Journ Malac.*, **7** : 142.

1914. *Philalanka daghoba* : Gude, *Fauna Brit. India*, Mollusca, **2** : 19.

2002. *Philalanka daghoba* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : Tamil Nadu (Patchamullay and Kaleyemullay Hills)

Shell small, depressedly conoid, perforate, obliquely striate, spirally sulcate; whorls 7-8, carinate rather convex, the last acutely carinate, impressed around umbilicus; aperture rather depressed, peristome thin, columella reflected, two dentitions on palatal side.

666. *Philalanka febrilis* (Blanford)

1861. *Helix febrilis* Blanford *J. Asiat. Soc. Beng.*, **30** : 357, pl. 2, fig. 4.

1870. *Helix febrilis* : Hanley and Theobald, *Conch. Indica*, pl. 129, fig. 4.

1914. *Philalanka febrilis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 22.

2002. *Philalanka febrilis* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.

Distribution : India : Tamil Nadu (Keleyenmullay Hills).

Shell minute, globosely turbinate, narrowly perforate, spirally lirated; whorls 4-5, convex the last flat on base; aperture oblong, peristome thin, columella reflected.

667. *Philalanka homfrayi* (Godwin-Austen)

1865. *Sitala homfrayi* Godwin-Austen, *Proc. zool. Soc.*, Lond., 1895 ; 448, fig. A.

1914. *Philalanka homfrayi* : Gude *Fauna Brit. India*, Mollusca, 2 : 16, fig. 2.

2002. *Philalanka homfrayi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6.

2004. *Philalanka homfrayi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 189, fig. 45.

Distribution : India : Andaman Islands.

Shell minute, pyramidal, imperforate, flat on base, coarsely, decussately sculptured; whorls 5-6, with angulate sides, the last triangulate (with two strong ribs around peripheral region); aperture subangulate, peristome slightly thickened.

668. *Philalanka pirrieana* (Pfeiffer)

1854. *Helix pirrieana* Pfeiffer, *Proc. zool. Soc.*, Lond., 1854 : 55.

1870. *Helix pirrieana* : Hanley and Theobald, *Conch Indica*, pl. 87, figs. 5, 6.

1900. *Sesara pirrieana* : Gude, *Journ. Malac.*, 7 : 142.

1914. *Philalanka pirrieana* : Gude, *Fauna Brit. India*, Mollusca, 2 : 20.

2002. *Philalanka pirrieana* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.

Distribution : India : Kerala (Koondah Mts. near Calicut).

Shell globosely conoid, perforate, nearly smooth, microscopically striate, whorls 7-8 convex, the last carinate, sutures deep, marginate; aperture depressed, peristome thin, columella dilated, reflected denticles present.

Position of denticles close to the peristome (visible from outside) prompted Gude to place the three species *P. daghoba*, *P. bidenticulata* and *P. pirrieana* under *Sesara* in 1900. But later he was convinced that all of these actually belonged to *Philalanka* (Gude, 1914).

669. *Philalanka quinquelirata* Gude

1914. *Philalanka quinquelirata* Gude, *Proc. malac. Soc.*, Lond., 11 : 51, text-figure.

1914. *Philalanka quinquelirata* : Gude, *Fauna Brit. India*, Mollusca, **2** : 17, fig. 3.
 2002. *Philalanka quinquelirata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.
 2004. *Philalanka quinquelirata* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, p. 191, fig. 46.

Distribution India Tamil Nadu (Anamullays)

Shell small, pyramidally, narrowly perforate, yellowish, finely closely descussate whorls 6, rounded, the last inflated below with spiral lirae above; aperture lunate, peristome thin, columella strongly reflected.

670. *Philalanka subbilirata* (Godwin-Austen)

1882. *Sitala subbilirata* Godwin-Austen *Land and Freshwater Moll. India*, **1** : 39, pl. 10, fig. 11.
 1914. *Philalanka subbilirata* : Gude, *Fauna Brit India*, Mollusca, **2** : 15.
 1995. *Philalanka subbilirata* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 46, pl. 6, fig. 6.
 2002. *Philalanka subbilirata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 5, pl. 6, fig. 7.
 2004. *Philalanka subbilirata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Land Snails*, Zool. Surv. India, p. 191, figs. 47, a, b.

Distribution India : Nicobar Islands.

Shell minute, depressedly conoid, openly perforate, irregularly radiately striate, decussated by fine spirals: whorls 5, convex above, the last with two spiral ribs. flat on sides; aperture ovate, peristome thickened.

671. *Philalanka tertiana* (Blanford)

1861. *Helix tertiana* Blanford, *J. Asiat. Soc. Beng.*, **30** : 355, pl. 1, fig. 11.
 1882. *Sitala tertiana* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 40, pl. 9, fig. 9.
 1914. *Philalanka tertiana* : Gude, *Fauna Brit, India*, Mollusca, **2** : 22.
 2002. *Philalanka tertiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution India : Tamil Nadu (Nilgiri-Pykara).

Shell very small, depressedly turbinata, perforate, finely striate; whorls 6, convex, the last rounded below, descending in front; aperture roundly lunate, peristome thin, columella reflected.

672. *Philalanka tricarinata* (Blanford)

1861. *Helix tricarinata*. Blanford *J. Asiat. Soc. Beng.*, **30** : 355, pl. 1, fig. 10.
 1882. *Sitala tricarinata* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 39, pl. 10, fig. 10.

1914. *Philalanka tricarinata* : Gude, *Fauna Brit. India*, Mollusca, **2** : 17.

2002. *Philalanka tricarinata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : Tamil Nadu (Nilgiri-Pykara).

Shell minute, depressedly turbinate, perforate, obliquely striate, faintly decussate by spirals; whorls 4, convex, the last with three spiral lirae; aperture roundly lunate, peristome thin, columella not reflected.

Family CHAROPIDAE

Subfamily CHAROPINAE

Genus *Ruthvenia* Gude 1911

673. *Ruthvenia clathratuloides* (Gude)

1897. *Plectopylis clathratuloides* Gude, *Science Gossip*, N.S., **3** : 332, fig. 44.

1907. *Sykesia clathratuloides* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 199.

1914. *Ruthvenia clathratuloides* : Gude, *Fauna Brit. India*, Mollusca, **2** : 27, fig. 6.

2002. *Ruthvenia clathratuloides* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

2004. *Ruthvenia clathratuloides* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 192, fig. 151.

Distribution : India : Tamil Nadu (Anamullays).

Shell small, depressedly conoid, widely umbilicate, decussately sculptured by radial and spiral ribs; whorls 5-6 narrow, the last keeled at the periphery and also with two more lirae, angulate around umbilicus, rows of hairs present; aperture subquadrate, peristome, slightly thickened, fold and denticles present inside.

674. *Ruthvenia retifera* (Pfeiffer)

1845. *Helia retifera* Pfeiffer *Proc zool. Soc., Lond.*, **1834** : 73.

1897. *Plectopylis retifera* : Gude, *Science Gossip*, N.S., **3** : 301, fig. 43.

1914. *Ruthvenia retifera* : Gude, *Fauna Brit. India*, Mollusca, **2** : 26.

Distribution : India : Karnataka, Tamil Nadu (Western Ghats).

Shell obtusely trochiform, umbilicate, plicately marked, reticulated by spiral ribs; whorls 6-7; aperture depressed, peristome thin, basal margin arcuate.

Genus *Thysanota* Albers and Martens 1860

675. *Thysanota crinigera* (Benson)

1850. *Helix crinigera* Benson, *Ann. Mag. nat. Hist.*, (2)**5** : 214.

1907. *Thysanota crinigera* : Godwin-Austen, *Land and Freshwater moll. India*, **2** : 189, pl. 112, fig. 2.
 1914. *Thysanota crinigera* : Gude, *Fauna Brit. India*, Mollusca, **2** : 12.
 2002. *Thysanota crinigera* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.
 2004. *Thysanota crinigera* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 193, fig 152.

Distribution India : Tamil Nadu (Nilgiris).

Shell depressedly trochiform widely perforate, coarsely sculptured by raised radial markings and fine spirals; whorls 6-7 scarcely convex, each of the whorls keeled with a spiral thread above it; the last rather flat on base, compressed near perforation; aperture lunate.

676. *Thysanota flavida* Gude

1914. *Thysanota flavida* Gude, *Proc. malac. Soc., Lond.*, **11** : 52, text-fig.
 1914. *Thysanota flavida* : Gude, *Fauna Brit India*, Mollusca, **2** : 12, fig. 1.
 2002. *Thysanota flavida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.

Distribution : India : Tamil Nadu (Nilgiris).

Differs from the preceding having a more raised spire, whorls being more convex, the sculpture being much finer and also having a narrow perforation.

677. *Thysanota guerini* (Pfeiffer)

1842. *Helix guerini* Pfeiffer *Rev. zool.*, p. 304.
 1907. *Thysanota guerini* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 188.
 1914. *Thysanota guerini* : Gude, *Fauna Brit. India*, Mollusca, **2** : 11.
 2002. *Thysanota guerini* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 15.
 2004. *Thysanota guerini* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 194, fig. 153, 154.

Distribution : India : Tamil Nadu (Nilgiri, Anamullays)

Shell larger, more conical, narrowly perforate, yellowish, coarsely reticulately sculptured, whorls 7-8, keeled, the spiral thread above the keel feebly developed, aperture angulately lunate, peristome thin, columella reflected.

678. *Thysanota tabida* (Pfeiffer)

1855. *Helix tabida* Pfeiffer, *Malak. Blatt.*, **2** : 106.
 1878. *Nanina (Thysanota) tabida* : *Hand List Moll. Indian Mus.*, **1** : 54.
 1914. *Thysanota tabida* : Gude, *Fauna Brit. India*, Mollusca, **2** : 10.

2002. *Thysanota tabida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 15.

Distribution : India : Tamil Nadu (Nilgiris).

Shell nearer to *T. guerini*, differs being very narrowly perforate, whorls are more convex and lack the keel, aperture semilunate, depressed, basal margin arcuate.

Suborder ELASMOGNATHA
Superfamily SUCCINEOIDEA
Family SUCCINEIDAE
Subfamily SUCCINEINAE
Genus *Succinea* Draparnaud 1801
679. *Succinea baconi* Pfeiffer

1854. *Succinea baconi* Pfeiffer, *Proc. zool. Soc.*, Lond., 1854 : 298.

1874. *Succinea baconi* : Hanley and Theobald, *Conch. Indica*, pl. 68, figs. 1, 4.

1914. *Succinea baconi* : Gude, *Fauna Brit. India*, Mollusca, 2 : 452.

2002. *Succinea baconi* : Ramakrishna and Mitra *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.

Distribution : India : Karnataka, West Bengal.

Shell semiovatly acuminate, imperforate, thin, subundulately plicate, whorls 2½, the last when large, globex, spire very short; aperture acuminately oval, peristome thin, columella simple.

680. *Succinea ceylanica* Pfeiffer

1854. *Succinea ceylanica* Pfeiffer, *Proc. zool. Soc.*, Lond., 1854 : 297.

1876. *Succinea ceylanica* : Hanley and Theobald, *Conch. Indica*, pl. 158, fig. 10.

1895. *Succinea ceylanica* : Godwin-Austen, *Proc. zool. Soc.*, Lond., 1895 : 443.

1914. *Succinea ceylanica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 457.

Distribution : India : Nicobar Islands.

Elsewhere : Sri Lanka.

Shell ovately conical, imperforate, rather thick, distinctly striate, whitish, nearly transparent; whorls 3½, convex; aperture angulately oval, peristome thin, columella meeting penultimate whorl at an angle, margins arcuate.

681. *Succinea collina* Hanley and Theobald

1870. *Succinea collina* (Blanford Ms.), Hanley and Theobald, *Conch. Indica*, p. 30, pl. 68, figs. 8, 9, 10 (var.).

1880. *Succinea collina* : Blanford, *J. Asiat. Soc. Beng.*, **49** : 200.
 1914. *Succinea collina* : Gude, *Fauna Brit. India*, Mollusca, **2** : 449.
 1975. *Succinea collina* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 29.
 2002. *Succinea collina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.

Distribution Maharashtra, (Western Ghats), Pondichery.

Shell conically ovate, fairly large, rather thin, a little polished, distinctly, flenuously striate, greenish in colour, whorls 3-3½, convex, aperture oval, peristome thin, outer margin curved, columella with a thin callus. Gude (1914) separated a variety *anrantiaca* from Bombay Ghats, having a dark amber colour and larger in size.

682. *Succinea crassinuclea* Pfeiffer

1849. *Succinea crassinuclea* (Benson), Pfeiffer, *Zeits. Malak.*, **6** : 110.
 1874. *Succinea crassinucula* : Hanley and Theobald, *Conch. Indica*, pl. 68, figs. 5, 6.
 1914. *Succinea crassinuclea* : Gude, *Fauna Brit. India*, Mollusca, **2** : 453.
 1992. *Succinea crassicula* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3**(Part 9) : 40. Zool. Surv. India.
 2000. *Succinea crassinuclea* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 29.
 2005. *Succinea crassinucula* : Surya Rao and Mitra, *Fauna of Western Himalaya (Part 2) Himachal Pradesh*, 50.

Distribution : India Gujarat, Himachal Pradesh, Punjab, Rajasthan, West Bengal.

Shell ovate-conical, solid, impressedly striate, spire rather papillate; whorls 3, upper whorls little convex, the last globosely inflated; aperture oval, peristome slightly thickened, columella callosed, arcuately descending.

683. *Succinea daucina* Pfeiffer

1854. *Succinea daucina* Pfeiffer, *Proc. zool. Soc.*, Lond., **1854** : 298.
 1874. *Succinea daucina* : Hanley and Theobald. *Conch. Indica*, pl. 67, fig. 7.
 1914. *Succinea daucina* : Gude, *Fauna Brit. India*, Mollusca, **2** : 453.
 1992. *Succinea daucina* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3**(Part 9) : 40. Zool. Surv. India.
 2000. *Succinea daucina* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, **7**(Part 4) : 343, pl. Zool. Surv. India.
 2002. *Succinea daucina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 43.
 2004. *Succinea daucina* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 196, fig. 155.

Distribution : India Tripura, West Bengal.

Shell conically ovate, thin, flexuously striate, pale whitish with a reddish tinge; whorls 3, convex, the last angulately oval; aperture broadly ovate, outer margin inflated, columella with a thin callus.

684. *Succinea elegantior* Annandale

1921. *Succinea elegantior* Annandale, *Rec. Indian Mus.*, **22** : 593.

1997. *Succinea elegantior* : Surya Rao, Mitra, Maitra and Biswas, *Fauna of Delhi, State Fauna Series*, **6** : 125, pl. 3, fig. 7. *Zool. Surv. India*.

2000. *Succinea elegantior* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 29.

2004. *Succinea elegantior* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, **10(part 3)** : 93, pl. 8. fig. 8. *Zool. Surv. India*.

Distribution : India : Delhi, Manipur.

Shell narrowly ovate thin, golden brown, strongly marked by curved striae; whorls 3, rounded; aperture ovate, pointed above, rounded below, peristome thin, columella slightly folded and ridged above.

685. *Succinea girnarica* Theobald

1859. *Succinea girnarica* Theobald, *J. Asiat. Soc. Beng.*, **28** : 309.

1874. *Succinea girnarica* : Hanley and Theobald, *Conch. Indica*, pl. 67, figs. 5, 6.

1914. *Succinea girnarica* : Gude, *Fauna Brit. India, Mollusca*, **2** : 451.

2002. *Succinea girnarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 41.

2004. *Succinea girnarica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 197, figs. 156.

Distribution : India : Gujarat (Girnal Hills, on rocks), 2000-3000 ft).

Shell fairly large, thick, oblong-ovate, pale whitish with a pinkish tinge, regularly sculptured with close, raised striae whorls 2½, the last large whorl inflated, descending in front; aperture roundish, columella broad reflected.

Specimens at lower elevations are smaller in size (Gude, 1914). A variety, *viridescens* was described by Gude (1914) which differed by being of a greenish colour.

686. *Succinea godivariana* Gude

1914. *Succinea godivariana* Gude, *Fauna Brit. India, Mollusca*, **2** : 449, fig. 140.

1924. *Succinea godivariana f. vangiya* Rao, *Rec. Indian Mus.*, **26** : 405.

2002. *Succinea godivariana* : Ramakrishna and Mitra, *Rec. zool Surv. India, Occ. Paper No.*, **196** : 16.
 2005. *Succinea godivariana* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5(part 5)** : 185. *Zool. Surv. India*.

Distribution : India Andhra Pradesh (Godivari?)

Shell small, minutely rimate, depressedly ovate, finely. obliquely striate, greenish; whorls 2½, rounded; aperture ovately rounded, peristome simple, columella thickened and reflected.

Smallest *succinea* known (Gude, 1914).

687. *Succinea hanleyi* Gude

1876. *Succinea subgranosa* Hanley and Theobald, *Conch. Indica*, pl. 158, fig. 9 (not Pfeiffer).
 1914. *Succinea hanleyi* Gude, *Fauna Brit. India*, Mollusca, **2** : 455, fig. 141.
 2002. *Succinea hanleyi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 41.

Distribution : India : West Bengal (Calcutta).

Shell elongately conoid, irregularly sculptured by close, coarse striae; whorls 3½, rather convex; aperture ovate, margins slightly thickened, columella reflected with a small elongate tubercle below.

688. *Succinea indica* Pfeiffer

1849. *Succinea indica* Pfeiffer, *Proc. zool. Soc.*, Lond., **1849** : 133.
 1874. *Succinea indica* : Hanleg and Thobald, *Conch. Indica*, pl. 67, fig. 1, 4.
 1914. *Succinea indica* : Gude, *Fauna Brit. India*, Mollusca, **2** : 447.
 1995. *Succinea indica* : Subba Rao and Mitra, *Fauna of Western Himalaya (Part I)*, Uttar Pradesh, p. 13.
 2000. *Succinea indica* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 29.
 2002. *Succinea indica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.

Distribution : India : Delhi, Manipur.

Shell narrowly ovate thin, golden brown, strongly marked by curved striae; whorls 3, rounded; aperture ovate, pointed above, rounded below, peristome thin, columella slightly folded and ridged above.

689 *Succinea raoi* Subba Rao and Mitra

1925. *Succinea arboricola* Rao, *Rec. Indian Mus.*, **27** : 394 figs. 7-10 (not of Conolly).
 1976. *Succinea raoi* Subba Rao and Mitra, *Nautilus*, **90(3)** : 125 (new name of *Succinea orbicola* Rao).
 1974. *Succinea raoi* : Subba Rao and Mitra, *Rec. zool. Surv, India*, **7, 5** : 29.
 2004. *Succinea raoi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool Surv. India*, p. 198, fig. 158.

Distribution : India : Maharashtra (Lonavala, under barks of Mango trees).

Shell small, ovately globose, fairly thick, yellowish to pale brownish, spire very short, very obliquely, clearly striate; whorls 2½, the last very much inflated; aperture ovately conical, margins reflected, columella with a ridge.

690. *Succinea rugosa* Pfeiffer

1842. *Succinea rugosa* Pfeiffer, *Symb. Hist. Helic.*, 2 : 56.

1914. *Succinea rugosa* : Gude, *Fauna Brit. India*, Mollusca, 2 : 451.

Distribution : India : Pondichery.

Shell ovately ventricose, obliquely rugosely sculptured, whorls 2½, the last inflated, globose, aperture oval, peristome simple, thin.

691. *Succinea rutilans* Blanford

1870. *Succinea rutilans* Blanford, *J. Asiat. Soc. Beng.*, 39 : 23, pl.3, fig. 23.

1914. *Succinea rutilans* : Gude, *Fauna Brit. India*, Mollusca, 2 : 448.

1995. *Succinea rutilans* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 61, pl. 10, figs. 5, 6. Zool. Surv. India.

2000. *Succinea rutilans* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 29.

2002. *Succinea rutilans* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28, pl. 8, fig. 1.

2004. *Succinea rutilans* : Surya Rao, Mookherjee, Mitra, Maitra and Barua, *Fauna of Manipur, State Fauna Series*, 10(part 3) : 93, pl. 9, fig. 1. Zool. Surv. India.

Distribution : India : Manipur, Meghalaya.

Shell small ovate, obliquely strate, whorls 2½, the last tunid, swollen at base; aperture wide, peristome simple, columella arcuate, not ridged.

692. *Succinea snigdha* Rao

1924. *Succinea snigdha* Rao, *Rec Indian Mus.*, 26 : 397.

1992. *Succinea snigdha* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 40. Zool. Surv. India.

Distribution : India : West Bengal

Similar to *S. daucina*, differs by smaller, thicker and narrower, also in having a longer spire and a distinct columella ridge.

693. *Succinea subgranosa* Pfeiffer

1849. *Succinea subgranosa* Pfeiffer, *Proc. zool. Soc., Lond.*, 1849 : 133.

1878. *Succinea subgranosa* : Nevill, *Hand List Moll. Indian Mus.*, **1** : 212.
 1914. *Succinea subgranosa* : Gude, *Fauna Brit. India*, Mollusca, **2** : 456.
 2002. *Succinea subgranosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.

Distribution : India Andhra Pradesh, Gujarat, Maharashtra, West Bengal.

Shell elliptically ovate, nearly transparent, granlately sculptured, whorls 3, the last rounded; aperture angulately oval, peristome thin, arcuate.

694. *Succinea tornadri* Rao

1924. *Succinea tornadri* Rao, *Rec. Indian Mus.*, **26** : 384, (fig.).
 1979. *Succinea tornadri* : Subba, Rao and Mitra, *Rec. zool. Surv. India*, **75** : 29.

Distribution : India : Maharashtra (Torne Hill. Pune).

Shell conically ovate, rather tumid, finely striate, whorls 3–3½, convex, sutures deep; aperture oval, outer lip straight and rather oblique.

695. *Succinea vitrea* Pfeiffer

1854. *Succinea vitrea* Pfeiffer, *Proc. zool. Soc., Lond.*, **1854** : 298.
 1874. *Succinea vitrea* : Hanley and Theobald, *Conch. Indica*, pl. 68, fig. 43.
 1914. *Succinea vitrea* : Gude, *Fauna Brit. India*, Mollusca, **2** : 454.
 2002. *Succinea vitrea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.

Distribution : India : Andaman Islands, Lakshadweep, Maharashtra, West Bengal.

Shell ovately conical, plicately striate, whitish transparent; whorls 3, convex, the last inflated; aperture oval, angulate above, columella arcuate, margins rather callosed.

It is very close to *S. crassinuclea*.

Genus *Camptonyx* Benson, 1858

Subgenus *Camptonyx* s. sl.

696. *Camptonyx theobaldi* Benson

1858. *Camptonyx theobaldi* Benson, *Ann. Mag. nat. Hist.*, (3)1 : 336, pl. 12, figs. 1-6.
 1874. *Comptonyx theobaldi* : Hanley and Theobald, *Conch. Indica*, pl. 81, figs. 5, 6.
 1914. *Camptonyx theobaldi* : Gude, *Fauna Brit. India*, Mollusca, **2** : 465, fig. 145.
 2004. *Comptonyx theobaldi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, P. 199, figs. 159, 160.

Distribution : India : Gujarat (Girmar Hill top, 2500 ft.).

Shell cap-like, depressedly trumpet shaped thick, pinkish, spire short, conically raised, curved towards right; whorls 1½-2, the last large, closely spirally marked, a keel runs from the apex down to the peristome; aperture large, subcircular, margins reflected.

‘Very abundant, on the hill top, a two inched square rock contained 26 young individuals (Gude, 1914).

Subgenus *Lithotis* Blanford, 1863

697. *Camptonyx (Lithotis) rupicola* (Blanford)

1863. *Succinea (Lithotis) rupicola* Blanford, *Ann. Mag. nat. Hist.*; (3)12 : 186, pl. 4, figs. 8-10.

1914. *Lithotis rupicola* : Gude, *Fauna Brit. India*, Mollusca, 2 : 458.

1924. *Lithotis rupicola* : Rao, *Rec. Indian Mus.*, 26 : 372.

1979. *Lithotis rupicola* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 30.

2002. *Camptonyx (Lithotis) rupicola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

2004. *Camptonyx (Lithotis) rupicola* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 200, fig. 16.

Distribution : India ; Maharashtra (Western Ghats).

Shell depressed, ovate, spire scarcely raised, tilted to the right, thin, brownish, sculptured by irregular raised wrinkled striae; whorls 1½, the last very large with a supra-peripheral ridge on dorsal surface; aperture large ovate, peristome thin, sinuate, columella triangular.

‘Very abundant on the precipitous basaltic rocks in exposed situation’ (Blanford, 1863).

698. *Camptonyx (Lithotis) tumida* (Blanford)

1870. *Succinea (Lithotis) tumida* Blanford, *J. Asiat. Soc. Beng.*, 39 : 23, pl. 3, fig. 24.

1914. *Lithotis tumida* : Gude, *Fauna Brit. Indian Mollusca*, 2 : 459.

1924. *Lithotis tumida* : Rao, *Rec. India Mus.*, 26 : 372.

1979. *Lithotis tumida* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 30.

2002. *Camptonyx (Lithotis) tumida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

2004. *Camptonyx (Lithotis) tumida* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 201, figs. 162, 163.

Distribution : India Maharashtra (Western Ghats).

Shell obliquely ovate, thicker with a distinctly raised spire, brownish with a reddish tint, obliquely, coarsely striate, whorls 2–2½, rounded, a supra peripheral ridge present; aperture large, oval, columeller callus flattened.

A var. *subcostulata* was also named by Blanford from ‘Poorandhar’ which differed in the form of the siphonal canal.

Genus *Hyalimax* H. and A. Adams, 1855

Subgenus *Jarava* Godwin-Austen, 1882

699. *Hyalimax (Jarava) andamanica* Godwin-Austen

1882. *Hyalimax (Jarava) andamanica* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 57, pl. 11, figs. 1-4.
 1914. *Hyalimax (Jarava) andamanica* : Gude, *Fauna Brit. India*, Mollusca, **2** : 498, fig. 163.
 1991. *Hyalimax (Jarava) andamanica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 34.
 2002. *Hyalimax andamanica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Port Blair, Andaman Islands.

Shell thin with a slightly thick apex, small, ovate, whitish with concentric growth striae, nucleus near the base.

Animal greenish, yellowish on the mantle with bluish stripes on upper part of the neck. Margin of the foot flat. A variety, *punctulata* cockerell (a more depressed form) is also recorded from the Andamans.

700. *Hyalimax (Jarava) reinhardti* Moerch

1872. *Hyalimax reinhardti* Moerch, *Journ. Conchyl.*, **22** : 314.
 1882. *Hyalimax (Jarava) reinhardti* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 59.
 1914. *Hyalimax (Jarava) reinhardti* : Gude, *Fauna Brit. India*, Mollusca, **2** : 501.
 1991. *Hyalimax (Jarava) reinhardti* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 34.
 2002. *Hyalimax reinhardti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution India Nicobar Islands.

Shell very thin, almost membranaceous, narrowly elongate, semitransparent with concentric markings and a few shallow furrow like lines radiating from a central nucleus.

Animal elongate ovate, posteriorly acuminate, greenish. The genus *Hyalimax* is arboreal in habit. The specimens were collected from leaves of shrubs.

Subfamily CATINELLINAE

Genus *Indosuccinea* Rao, 1924

701. *Indosuccinea khandalla* Rao

1924. *Indosuccinea semiserica* f. *khandalla* Rao, *Rec. Indian Mus.*, **26** : 407.
 1979. *Indosuccinea khandalla* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 30.
 2004. *Indosuccinea khandalla* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, P. 203, fig. 165.

Distribution India Maharashtra, (Khandalla, Pune).

Shell elongately ovate, thin, sculpture variable in general obliquely striate, whorls 2½, the last large, inflated, aperture large, wide, columellar fold thin.

Indosuccinea is an arboreal form. Specimens of the species were collected from leaves of Mango trees 1700 feet (Patterson, 1973).

702. *Indosuccinea semiserica* (Gould)

1846. *Succinea semiserica* Gould, *Proc. Boston Soc. nat. Hist.*, 2 : 100.

1914. *Succinea semiserica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 452.

1924. *Indosuccinea semiserica* : Rao, *Rec. Indian Mus.*, 26 : 374.

1992. *Indosuccinea semiserica* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(Part 9) : 41. Zool. Surv. India.

2004. *Indosuccinea semiserica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 202, fig. 164.

Distribution : India : Maharashtra, Manipur, West Bengal.

Elsewhere : Bangladesh, Myanmar.

Shell larger, pale yellowish, coarsely, obliquely sculptured, whorls 2½, the last very large almost constituting the entire shell; aperture widely expanded, peristome thin.

Rao (1924) also described a variety *sthulasiras* from 'Calcutta', West Bengal.

Feeding, breeding and the treeliving of *Indosuccinea semiserica* were studied by Raut and Ghose (1984).

Genus *Quickia* Odhner, 1950

703. *Quickia bensoni* (Pfeiffer)

1849. *Succinea bensoni* Pfeiffer, *Proc. zool. Soc.*, Lond., 1849 : 133.

1914. *Succinea bensoni* : Gude, *Fauna Brit. India*, Mollusca, 2 : 456.

1924. *Succinea bensoni* : Rao, *Rec. Indian Mus.*, 26 : 394.

1979. *Succinea bensoni* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 28.

1992. *Quickia bensoni* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(Part 9) : 41. Zool. Surv. India.

2002. *Succinea bensoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.

2004. *Quickia bensoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 204, fig. 48, a, b.

Distribution : India : Maharashtra, Uttar Pradesh, West Bengal.

Shell ovately conoid, thin, nearly transparent, greyish brown, finely, closely striate; whorls 3, convex; aperture oval, peristome thin, rounded, columella distinctly plaited.

704. *Quickia calcuttensis* Patterson

1970. *Quickia (Burchella) calcuttensis* Patterson, *Mal. Rev.*, 3(1) : p. fig.

1971. *Quickia (Burchella) calcuttensis* Patterson, *Mal. Rev.*, 4 : 167 : figs. 113-120.

Distribution : India : West Bengal.

Shell ovately conical, pale yellowish to translucent cream, regularly striate, whorls 3, fairly convex; aperture angulately ovate, peristome thin convexly rounded, columellar plait with a fold. The species is amphibious and the types were collected from aquatic plants at the edge Ballygunge Lake, Kolkata.

705. *Quickia gravelyi* (Rao)

1924. *Succinea gravelyi* Rao, *Rec. Indian Mus.*, 26 : 401.

2004. *Quickia gravelyi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 205, figs. 166, 167.

Distribution : Tamil Nadu.

Shell small, narrowly ovate, semitransparent, reddish brown, regularly striate, whorls 2½, convex, the last large; aperture ovate peristome thin, columella ridged.

subspecies *andamanensis* (Rao)

1924. *Succinea gravelyi* f. *andamanensis* Rao, *Rec. Indian Mus.*, 26 : 404.

1991. *Quickia gravelyi* sub. sp. *andamanensis* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 33, pl. 3, figs. 5, 6.

Distribution : India : Andaman Islands (Mt. Harriet, 1000 ft.)

Differs in being little more tumid with coarser sculpture.

subspecies *bombayensis* (Rao)

1924. *Succinea gravelyi* f. *bombayensis* Rao, *Rec. Indian Mus.*, 26 : 402.

Distribution : India : Maharashtra.

Has no subsequent report.

subspecies *deccanensis* (Rao)

1924. *Succinea gravelyi* f. *deccanensis* Rao, *Rec. Indian Mus.*, 26 : 403.

2005. *Quickia gravelyi* f. *deccanensis* : Mitra, Dey and Ramakrishna *Fauna of Andhra Pradesh, State Fauna Series*, 5(Part 5) : 236. Zool. Surv. India.

Distribution : India : Andhra Pradesh, (Kurnool).

Superfamily HELIXARIONOIDEA

Family EUCONULIDAE

Genus *Eurychlamys* Godwin-Austen 1899706. *Eurychlamys platychlamys* (Blanford)

1880. *Macrochlamys platychlamys* Blanford, *J. Asiat. Soc. Beng.*, **2** : 195.
 1908. *Eurychlamys platychlamys* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 188, fig. 65.
 1979. *Eurychlamys platychlamys* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 16.
 2002. *Eurychlamys platychlamys* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 41.

Distribution : India : Gujarat, Maharashtra.

Shell much similar to that of *Macrochlamys*, animal differs in several respects.

Subfamily HELIXARIONINAE

Genus *Pseudaustenia* Cockrell, 1891707. *Pseudaustenia ater* (Godwin-Austen)

1888. *Africarion ater* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 244, pl. 57, figs. 1-6.
 1908. *Pseudaustenia ater* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 207.

Distribution : India : Hills of Travancore and Tinnevely.

Shell ovate, slightly convex above, concave below, covered with a straw-coloured or green membranous epidermis; whorls 2½.

708. *Pseudaustenia auriformis* (Blanford)

1866. *Vitrina auriformis* W.T. Blanford, *J. Asiat. Soc. Beng.*, **2** : 36.
 1888. *Pseudaustenia auriformis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 209, figs. 73.

Distribution : India : Sispara Ghat (Nilgiri Hills)

Shell deformed, oblong-ovate, very thin, convex without, with a membranous epidermis, which projects below peristome; spire flat; aperture occupying whole lower surface of the shell and exposing the interior to the apex.

Family HELIXARIONIDAE

Subfamily SESARINAE

Genus *Sesara* Albers, 1880709. *Sesara diplodon* (Benson)

1859. *Helix diplodon* Benson, *Ann. Mag. nat. Hist.*, (3) **3** : 187.
 1908. *Sesara? diplodon* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 247.

1990. *Sesara diplodon* : Mitra and Dey, *Rec. zool. Surv. India*, **86(2)** : 59, figs. 4-6.
1995. *Sesara diplodon* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4(part 8)** : 80, pl. 22, figs. 3, 6, *Zool. Surv. India*.
2004. *Sesara diplodon* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 208, figs. 168-170.
2007. *Sesara diplodon* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 118, *Zool. Surv. India*.

Shell trochiform, varying in height, minutely perforate, sharply keeled at the periphery, two teeth in aperture one small conical on columellar edge, another larger lamellar entering through basal margin.

Distribution : India : Andhra Pradesh, Assam, Meghalaya, Mizoram.

Elsewhere : Bangladesh, Myanmar.

710. *Sesara episema* (Ponsonby)

1894. *Sesara episema* Ponsonby, *Proc. malac. Soc., Lond.*, **1** : 56, fig.
1908. *Sesara ? episema* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 245.
2000. *Sesara episema* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
2002. *Sesara episema* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Nagaland (Naga Hills).

Small conoid, imperforate, angulate at periphery sculptured above; a lamella on columellar side and a single tooth on mid-basal margin.

711. *Sesara galea* (Benson)

1859. *Helix galea* Benson, *Ann. Mag. nat. Hist.* (3)**3** : 388.
1908. *Sesera? galea* : Blanford and Godwin-Austen, *Fauna Brit India, Mollusca*, **1** : 388
1990. *Sesara galea* : Mitra and Dey *Rec. zool. Surv. India*, **86(1)** : 61, figs. 7, 8, 9.
2000. *Sesara galea* : Dey and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **98(2)** : 30
2002. *Sesara galea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.
2004. *Sesara galea* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 209, figs. 171, 172, 173.
2007. *Sesara galea* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 118, *Zool. Surv. India*.

Distribution : India : Meghalaya, Mizoram, Nagaland.

Shell close to that of *S. diplodon* body whorl slightly descending and aperture is without teeth.

712. *Sesara globosa* (Godwin-Austen)

1918. *Sesara globosa* Godwin-Austen, *Rec. Indian Mus.*, **8** : 599, text-fig. 2G.
 2000. *Sesara globosa* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
 2002. *Sesara globosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.

Distribution : India : Arunachal Pradesh.

713. *Sesara harmeri* (Gude)

1990. *Sesara harmeri* Gude, *Jour. Mal.*, **7** : 139, figs. 1, 2.
 1908. *Sesara harmeri* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 248.
 2000. *Sesara harmeri* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
 2002. *Sesara harmeri* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Meghalaya.

Differs from *S. diplodon* in having a smaller tooth on the basal margin without the entering portion.

Genus *Kaliella* Blanford, 1863714. *Kaliella animula* Godwin-Austen

1882. *Kaliella animula* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 23, pl. 5, fig. 1.
 1908. *Kaliella animula* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 264.
 2000. *Kaliella animula* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
 2002. *Kaliella animula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution : India : Meghalaya (Khasi Hills).

Shell small, turbinate, imperforate, indistinctly sculptured, angulate at this periphery. The species is based on two immature, imperfect shells with no subsequent report.

715. *Kaliella aspirans* (W. and H. Blanford)

1861. *Helix aspirans* W. and H. Blanford, *J. Asiat. Soc. Beng.*, **30** : 355, pl. 1, fig. 12.
 1882. *Kaliella aspirans* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 6, pl. 1, fig. 12.
 1908. *Kaliella aspirans* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 262
 2002. *Kaliella aspirans* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.

Distribution : India : Tamil Nadu (Nilgiris).

Shell small, conical, minutely perforate, finely sculptured, keeled of the periphery.

716. *Kaliella barrakporensis* (Pfeiffer)

1852. *Helix barrakporensis* Pfeiffer, *Proc. zool. Soc., Lond.*, **1852** : 156.
1882. *Kaliella barrakporensis* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 2, 19, pl. 1, figs. 1-4, pl. 2, fig. 1; pl. 5, fig. 11.
1908. *Kaliella barrakporensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 258.
1985. *Kaliella barrakporensis* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, **82**(1-4) : 267.
1992. *Kaliella barrakporensis* : Mitra and Dey, *Fauna of West Bengal, State fauna Series*, **3**(part 9) : 47, *Zool. Surv. India*.
1995. *Kaliella barrakporensis* : Surya Rao, Mookherjee, Mitra and Barua, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 95, pl. 9, fig. 5, *Zool. Surv. India*.
2002. *Kaliella barrakporensis* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 139, *Zool. Surv. India*.
2004. *Kaliella barrakporensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 211, fig. 174, text-fig. 49.
2005. *Kaliella barrakporensis* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5**(part 5) : 236, *Zool. Surv. India*.
2007. *Kaliella barrakporensis* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 118, *Zool. Surv. India*.

Distribution : India : Widely distributed throughout (upto 7,000 ft.).

Elsewhere Bangladesh, Malagassy, Myanmar, Pakistan, Sri Lanka.

Shell small, trochiform, narrowly perforate, strongly striate, keeled of periphery. One of the most widely occurring land snails in Asia and South Africa.

717. *Kaliella bhasini* (Rajagopalaingar)

1953. *Kaliella bhasini* Rajagopalaingar, *Rec. Indian Mus.*, **51** : 21, pl. 4, figs. 1-12.
2005. *Kaliella bhasini* : Saurya Rao and Mitra, *Fauna of Western Himalaya, part 2 (Himachal Pradesh)* : 48.

Distribution : India Himachal Pradesh (Simla Hills).

Known by its type only.

718. *Kaliella bullula* (Hutton)

1838. *Helix bullula* Hutton, *J. Asiat. Soc. Beng.*, **7** : 218.
1882. *Kaliella bullula* : Godwin-Austen, *Land and Freshwater Moll. India*, Mollusca, **1** : 23, pl. 5, figs. 4, 5.
1908. *Kaliella bullula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 267.
2000. *Kaliella bullula* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 30

2002. *Kaliella bullula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.
2004. *Kaliella bullula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 213, text-fig. 50.
2005. *Kaliella bullula* : Surya Rao and Mitra, *Fauna of Western Himalaya*, (part 2) Himachal Pradesh : 48
Distribution : India : Himachal Pradesh, Uttarakhand.

Shell globosely whorled narrowly perforate, almost smooth, subangulate at periphery, last whorl slightly descending. The type was found among dead leaves at Shimla.

719. *Kaliella burrailensis* Godwin-Austen

1883. *Kaliella burrailensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 70, pl. 15, figs. 5, 5a, 5b.
1908. *Kaliella ? burrailensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 270.
2000. *Kaliella burrailensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
2002. *Kaliella burrailensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.
Distribution : India : Assam, Nagaland (Burrail Range, Naga Hills).

Shell depressed, lenticular, minutely perforate, sculptured.

720. *Kaliella chennelli* Godwin-Austen

1883. *Kaliella chennelli* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 73, pl. 16, fig. 1.
1908. *Kaliello chennelli* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 272.
2000. *Kaliello chennelli* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
2002. *Kaliello chennelli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.
Distribution : India : Nagaland (Naga Hills).

Shell imperforate, depressedly conoid, finely sculptured, keeled at periphery; number of whorls more than usual (6½).

721. *Kaliella cherraensis* Godwin-Austen

1882. *Kaliella cherraensis* Godwin-Austen *Land and Freshwater Moll. India*, **1** : 4, pl. 1, figs. 5, 5a.
1908. *Kaliella cherraensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 260.
2000. *Kaliella cherraensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
2002. *Kaliella cherraensis* : Ramakrishna and Mitra *Rec zool. Surv. India, Occ. Paper No.*, **196** : 46.
Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Nagaland.

Shell trochiform narrowly perforate, flat at base, decussatey sculptured both above and below, carinatae at periphery.

722. *Kaliella conulus* W. T. Blanford

1865. *Kaliella conulus* W. T. Blanford, *J. Asiat. Soc. Beng.*, **34** : 73, pl. 2.
 1888. *Kaliella conulus* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 71, pl. 15, figs. 6, 6a.

Distribution India : Assam (North Cachar Hills).

723. *Kaliella costulata* Godwin-Austen

1882. *Kaliella costulata* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 7, pl. 2, fig. 5.
 1908. *Kaliella costulata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca. **1** : 261.
 2000. *Kaliella costulata* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
 2002. *Kaliella costulata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.

Distribution : India : Arunachal Pradesh (Dafla Hill), Assam (North Cachar Hills, 4400 ft).

Shell depressedly conoid, imperforate, carinate at periphery, flat on base, strongly, costulate above.

724. *Kaliella dikrangensis* Godwin-Austen

1883. *Kaliella dikrangensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 72, pl. 16, fig. 3.
 1908. *Kaliella dikrangensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca. **1** : 270.
 2000. *Kaliella dikrangensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
 2002. *Kaliella dikrangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.

Distribution : India : Arunachal Pradesh (Dafla Hills).

Shell minutely, imperforate, depressedly conoid, keeled at periphery rounded below.

725. *Kaliella elongata* Godwin-Austen

1882. *Kaliella elongata* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 9, pl. 2, fig. 9.
 1908. *Kaliella elongata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 263.
 2000. *Kaliella elongata* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
 2002. *Kaliella elongata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution India : Meghalaya (Jaintea Hills).

Shell much elongate nearly twice as high as broad, irregularly sculptured, number of whorls much more than usual (9½).

726. *Kaliella fastigiata* (Hutton)

1838. *Helix fastigiata* Hutton, *J. Asiat. Soc. Beng.*, **7(1)** : 217.

1882. *Kaliella fastigiata* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 8, 21; pl. 2, fig. 8.
 1908. *Kaliella fastigiata* : Blanford, Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 263.
 2000. *Kaliella fastigiata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 30.
 2002. *Kaliella fastigiata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.
 2004. *Kaliella fastigiata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 212, fig. 51.
 2005. *Kaliella fastigiata* : Surya Rao and Mitra, *Fauna of Himalaya*, part 2 (Himachal Pradesh) : 49.

Distribution : India : Arunachal Pradesh, Himachal Pradesh, Nagaland, West Bengal (Darjeeling), Uttarakhand (5000–above 7000 ft.).

Elsewhere : Myanmar.

Occurrence of the species in some of the eastern Himalaya region was put to question by Blanford and Godwin-Austen, (1908).

Shell trochiform, imperfect, keeled at periphery. Collected from moist broad leaves of high-altitude plants.

727. *Kaliella flatura* Godwin-Austen

1882. *Kaliella flatura* Godwin-Austen, *Land and Freshwater Moll. Indica*, 1 : 23, pl. 5, fig. 10.
 1908. *Kaliella flatura* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 269.
 2002. *Kaliella flatura* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 30.
 2002. *Kaliella flatura* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Manipur.

Shell small, depressedly conoid, perforate, rounded at periphery.

728. *Kaliella gratiosa* Godwin-Austen

1882. *Kaliella gratiosa* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 9, pl. 2, fig. 10.
 1908. *Kaliella gratiosa* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, 1 : 264.
 2000. *Kaliella gratiosa* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 30.
 2002. *Kaliella gratiosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Manipur (Kopamedza Peak, 8375 ft.).

Shell minutely perforate, globosely turbinata, obliquely striate above, spirally marked below, with a raised keel at the periphery.

729. *Kaliella jaintiaca* Godwin-Austen

1882. *Kaliella jaintiaca* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 7, pl. 2, fig. 4.

1908. *Kaliella jaintiaca* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 260.

2000. *Kaliella jaintiaca* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 31.

2002. *Kaliella jaintiaca* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Meghalaya (South Jaintea Hills 5,000-5600 ft.)

Shell trochiform, sharply keeled at periphery. Close to *K. barrakporensis* lower on the spire.

Godwin-Austen (1907) recorded a variety of the species from N. Cachar Hills.

730. *Kaliella kezamahensis* Godwin-Austen

1883. *Kaliella kezamahensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 69, pl. 15, figs. 3, 3a.

1908. *Kaliella kezamahensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 274.

2000. *Kaliella kezamahensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 30.

2002. *Kaliella kezamahensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India Nagaland (Naga Hills at Kezamah, Anghami).

Shell trochiform but much depressed being about twice as broad as high, keeled at periphery.

731. *Kaliella khasiaca* Godwin-Austen

1882. *Kaliella khasiaca* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 5, pl. 1, fig. 8.

1908. *Kaliella khasiaca* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 261.

1995. *Kaliella khasiaca* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 71, text-fig. 8A, *Zool. Surv. India*.

2000. *Kaliella khasiaca* : Dey and Mitra *Rec. zool. Surv. India*, 98(2) : 30.

Distribution : India : Meghalaya.

Shell high, trochiform, imperforate, angulate at the periphery, without spiral sculpture on base.

732. *Kaliella kjellerupi* (Moerch)

1872. *Kaliella kjellerupi* Moerch, *Jour Conch.*, 20 : 310.

1895. *Sitala kjellerupi* : Godwin-Austen, *Proc. zool. Soc.*, Lond., 1895 : 442.

1908. *Kaliella kjellerupi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 265.

2002. *Kaliella kjellerupi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6

Distribution : India : Nicobor Islands.

Shell imperforate, depressedly turbinata, smooth, body whorl keeled at the periphery and descending in front.

733. *Kaliella lailangkotensis* Godwin-Austen

1883. *Kaliella lailangkotensis* Blanford and Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 68, pl. 15, fig. 1 & 1a.
1908. *Kaliella lailangkotensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 274.
2000. *Kaliella lailangkotensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 30.
2000. *Kaliella lailangkotensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Meghalaya (Khasi Hills etc.).

Shell depressedly turbinate, deeply perforate, decussately sculptured both above and below, angulate at the periphery.

734. *Kaliella lhotaensis* (Godwin-Austen)

1882. *Kaliella lhotaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 22, pl. 5, figs. 2 & 2a.
1908. *Kaliella lhotaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 268.
2000. *Kaliella lhotaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.
2002. *Kaliella lhotaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution : India : Nagaland (Lhota Naga Hills).

Shell small, depressedly conoid, imperforate, radially striate above and below.

735. *Kaliella manipurensis* Godwin-Austen

1882. *Kaliella manipurensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 5, pl. 1, fig. 9; pl. 2, fig. 3.
1908. *Kaliella manipurensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 261.
2000. *Kaliella manipurensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.
2002. *Kaliella manipurensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution : India : Manipur, Nagaland (Manipur, Lahupa, Naga Hills, 5,000 ft.).

Shell small, narrowly perforate, trochiform, slightly higher than broad polished, finely obliquely striate above, decussatedly, sculptured below, sharply keeled at periphery.

736. *Kaliella nagaensis* Godwin-Austen

1882. *Kaliella nagaensis* Godwin-Austen *Land and Freshwater Moll. India*, **1** : 9, pl. 2, fig. 11.
1908. *Kaliella nagaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 265.
2000. *Kaliella nagaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.
2002. *Kaliella nagaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.

Distribution : India : Arunachal Pradesh, Assam, Manipur, Nagaland. (8375 ft.).

Shell imperforate, depressedly trochiform, slightly broader than high, obliquely striate above, radially below raisedly keeled at periphery.

737. *Kaliella nana* (Hutton)

1850: *Helix nana* Hutton *J. Asiat. Soc. Beng.*, 7 : 218.

1882. *Kaliella nana* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 21, pl. 5, fig 6.

2000. *Kaliella nana* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 31.

2002. *Kaliella nana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

2003. *Kaliella nana* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 139, Zool. Surv. India.

2004. *Kaliella nana* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 213, fig. 175, text-fig. 52.

2005. *Kaliella nana* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh), p. 49.

Distribution : India : Himachal Pradesh, Uttarakhand, West Bengal.

Shell narrowly perforate, globosely conoid, obliquely striate above, without spiral sculpture on base, rounded at periphery. Blanford and Godwin-Austen (1908) expressed doubt about its occurrence in lower part of West Bengal.

738. *Kaliella nongsteinensis* Godwin-Austen

1883. *Kaliella nongsteinensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 72, pl. 16, fig. 2.

1908. *Kaliella nongsteinensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 271.

2000. *Kaliella nongsteinensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.

2002. *Kaliella nongsteinensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Meghalaya.

Shell small, imperforate depressedly subtrochiform, finely sculptured above, carinate at the periphery, last whorl projecting a little around the umbilicus.

739. *Kaliella paucistriata* Godwin-Austen

1907. *Kaliella paucistriata* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 174, pl. 103, fig. 10.

1908. *Kaliella paucistriata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 266.

2000. *Kaliella paucistriata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.

2002. *Kaliella paucistriata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 35.

Distribution India Arunachal Pradesh.

Shell depressedly conoid keeled at periphery, irregularly, distantly transversely sculptured.

740. *Kaliella peliosanathi* (Moerch)

1872. *Helix (Kaliella) peliosanathi* Moerch, *Vidensk Medd.*, **9** : 13
 1883. *Kaliella peliosanathi* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 92.
 1908. *Kaliella peliosanathi* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, **1** : 272.
 2002. *Kaliella peliosanathi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 43.

Distribution : India : West Bengal.

Shell minute trochiform, narrowly, obliquely perforate, spirally sculptured, body whorl bicarinate at the periphery. Found on the leaves of *Peliosenthes teta* from the Harbour of Calcutta.

741. *Kaliella resinula* Godwin-Austen

1882. *Kaliella resinula* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 22, pl. 5, figs. 7, 8.
 1908. *Kaliella?* *resinula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 267.
 2000. *Kaliella resinula* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.
 2002. *Kaliella resinula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution : India : Meghalaya (Khasi Hills).

Shell very small, globosely conoid, narrowly perforate, finely transversely striate, rounded at periphery.

742. *Kaliella ruga* Godwin-Austen

1883. *Kaliella ruga* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 70, pl. 15, figs. 4, 4a.
 1908. *Kaliella ruga* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 270.
 2000. *Kaliella ruga* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.
 2002. *Kaliella ruga* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.
 2004. *Kaliella ruga* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 214, fig. 174. text-fig. 53.

Distribution : India : Manipur, Nagaland (9,000 ft.).

Shell depressedly sublenticular perforate, decussatedly sculptured both above and below, sharply keeled at periphery; often with a small pit behind peristome.

743. *Kaliella shillongensis* Godwin-Austen

1907. *Kaliella shillongensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 176, pl. 103, fig. 5.
 1908. *Kaliella shillongensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 268.

2000. *Kaliella shillongensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 31.

2002. *Kaliella shillongensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution : India : Meghalaya.

Shell very small, depressedly conoid, narrowly perforate, finely transversely sculptured, rounded at periphery.

744. *Kaliella sigurensis* Godwin-Austen

1882. *Kaliella sigurensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 5, pl. 1, fig. 11.

1908. *Kaliella sigurensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 259.

2002. *Kaliella sigurensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.

Distribution : India : Tamil Nadu (Nilgiri Hills, Seegoor Ghat, Neddiwutten Pass).

Shell similar to that of *K. barrakporensis*, differs only in lacking spiral sculpture on base.

745. *Kaliella sikkimensis* Godwin-Austen

1888. *Kaliella sikkimensis* Godwin-Austen, (Nevill Ms.), *Land and Freshwater Moll. India*, **1** : 22, pl. 5, fig. 9.

1908. *Kaliella? sikkimensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 268.

2000. *Kaliella sikkimensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 31.

2002. *Kaliella sikkimensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.

2003. *Kaliella sikkimensis* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*. **9**(part 5) : 139, Zool. Surv. India.

Distribution : India : Sikkim.

Shell minute, globosely conoid, very narrowly perforate, finely, transversely sculptured, rounded at periphery.

746. *Kaliella subcostulata* Godwin-Austen

1882. *Kaliella subcostulata* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 8, pl. 2, fig. 6.

1908. *Kaliella? subcostulata* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, **1** : 262.

2000. *Kaliella subcostulata* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 31.

2002. *Kaliella subcostulata* : Ramakrishna and Mitra. *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 26.

Distribution : India : Meghalaya (North Khasi Hills).

Shell small, rather conical as broad as high, imperforate, irregularly obliquely striate above, spirally below, carinate at periphery. Differs from *K. costulata* being more finely and irregularly sculptured.

747. *Kaliella teriaensis* Godwin-Austen

1882. *Kaliella teriaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 10, pl. 2, fig. 12.
 1908. *Kaliella teriaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 265.
 2000. *Kaliella teriaensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 31.
 2002. *Kaliella teriaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Meghalaya (Teria Ghat, Southern base of Khasi Hills).

Shell depressedly sub-trochiform, slightly broader than high, narrowly perforate, almost smooth, sharply keeled at periphery.

748. *Kaliella tirutana* Godwin-Austen

1888. *Kaliella tirutana* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 72 pl. 16, fig. 4.

Distribution : India : Assam (North Khasi Hills).

749. *Kaliella vagata* (E. A. Smith)

1902. *Sitala vagata* E.A. Smith, *Fauna. Geog. Mald. Lac. Arch.*, 1(2) : 142, 145.
 1908. *Kaliella?* *vagata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 264.
 2002. *Kaliella vagata* : Ramakrishna and Mitra. *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6.

Distribution : India : Minicoy Islands (between Lakshadewwp and Maldives).

Shell depressedly turbinate, narrowly perforate, finely decussatedly sculptured both above and below, angulate at the periphery.

Genus *Pseudokaliella* Godwin-Austen, 1911750. *Pseudokaliella annandalei* Godwin-Austen

1911. *Pseudokaliella annandalei* Godwin-Austen, *Rec. Indian Mus.*, 8 : 596, pl. 52, figs. 5, 5a, 5b.
 2002. *Pseudokaliella annandalei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 31.
 2004. *Pseudokaliella annandalei* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 215, text-fig. 54, a, b.

Distribution : India : Arunachal Pradesh (Abor Hills).

Shell depressed, widely umbilicate, decussately sculptured, last whorl sharply keeled and with fringe of hairs, peristome arcuate above.

751. *Pseudokaliella nevillei* Godwin-Austen

1883. *Kaliella nevillei* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 70, pl. 13, fig. 6.
 1908. *Kaliella nevillei* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 274.

1992. *Kaliella nevilli* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series, 3(part 9)* : 101, Zool. Surv. India.
2000. *Kaliella nevilli* : Dey and Mitra, *Rec. zool. Surv. India, 98(2)* : 31.
2002. *Kaliella nevilli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No., 196* : 35.
2004. *Kaliella nevilli* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India, p. 215, fig. 176.*

Distribution : India : West Bengal (Darjeeling).

Shell depressedly conoid, rather widely umbilicate, rugosely obliquely marked above, radially striate below, angulate at the periphery, with a fringe of hairs around.

752. *Pseudokaliella sadiyuensis* (Godwin-Austen)

1918. *Pseudokaliella ? sadiyaensis* Godwin-Austen, *Rec. Indian Mus., 8* : 597.
2002. *Pseudokaliella sadiyaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No., 196* : 26.

Distribution : Assam.

Genus *Rahula* Godwin-Austen, 1907

753. *Rahula aborensis* Godwin-Austen

1918. *Rahula aborensis* Godwin-Austen, *Rec. Indian Mus., 8* : 597, text-figs. 1 A,B.
2000. *Rahula aborensis* : Dey and Mitra, *Rec. zool. Surv. India, 98(2)* : 31.
2002. *Rahula aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No., 196* : 35.
2004. *Rahula aborensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India, p. 217.*

Distribution : India : Andhra Pradesh (Abor Hills).

Shell small conically trochiform, deeply perforate, strongly sculptured above, strongly keeled at the periphery, flattened on base, augulate around the umbilicus.

754. *Rahula bascauda* Benson

1859. *Helix bascauda* Benson, *Ann. Mag. nat. Hist., (3)3* : 186.
1908. *Rahula bascauda* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca, 1* : 251.
1992. *Rahula bascauda* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series, 3(part 9)* : 107, Zool. Surv. India.
1995. *Rahula bascauda* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series, 4(part 8)* : 79, pl. 22, figs. 1, 2, Zool. Surv. India.
2000. *Rahula bascauda* : Dey and Mitra, *Rec. zool. Surv. India, 98(2)* : 31.
2002. *Rahula bascauda* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No., 196* : 26.

Distribution : India : Meghalaya, Nagaland, West Bengal.

Shell larger, sculptured with distant, strongly raised ribs above, sculpture closer and finer below.

755. *Rahula bascaudula* Godwin-Austen

1907. *Rahula bascaudula* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 219, pl. 11, 7, fig. 7.

1908. *Rahula bascaudula* : Blanford and Godwin-Austen, *Fauna Brit India, Mollusca*, **1** : 25, 252.

2000. *Rahula bascaudula* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.

2004. *Rahula bascaudula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 218, figs. 179, 180.

Distribution : India : Sikkim.

Eleswhere : Bhutan.

Differs from *R. bascauda* in having a blunter spire and a wider umbilicus and also being uniformly sculptured both above and below.

756. *Rahula burrailensis* Godwin-Austen

1918. *Rahula burrailensis* Godwin-Austen, *Rec. Indian Mus.*, **98(2)** : 31

2000. *Rahula burrailensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.

2002. *Rahula burrailensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Assam (Burrail range–Assam).

757. *Rahula coryx* (Benson)

1859. *Helix coryx* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 265.

1907. *Rahula coryx* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 218, pl. 1, fig. 4.

1908. *Rahula coryx* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 251, fig. 82.

2000. *Rahula coryx* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 35.

Distribution : India : West Bengal (Darjeeling) (Rungun Valley?).

Shell small, perforate, elongately pyramidal roughly sculptured, carinate at the periphery, rather flattened at base.

758. *Rahula daflaensis* (Godwin-Austen)

1907. *Rahula daflaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 220, pl. 117, fig. 5.

1908. *Rahula daflaensis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 252.

2000. *Rahula daflaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.

2002. *Rahula duflaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 35.

Distribution : India : Arunachal Pradesh (Dafla Hills).

Shell deeply perforate, globosely conoid, distantly sculptured, nearly rounded at the periphery.

759. *Rahula dihingensis* Godwin-Austen

1916. *Rahula dihingensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 598, text-fig. 2D.

2000. *Rahula dihingensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.

2002. *Rahula dihingensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Arunachal Pradesh (Dihing).

760. *Rahula koboensis* Godwin-Austen

1918. *Rahula koboensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 599, text-figs. 2C; 3A-C.

2000. *Rahula koboensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 31.

2002. *Rahula koboensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Arunachal Pradesh/Assam (Kobo?).

761. *Rahula lhotaensis* Godwin-Austen

1916. *Rahula lhotaensis* Godwin-Austen *Land and Freshwater Moll. India*, **2** : 220, pl. 117, fig. 6.

1908. *Rahula lhotaensis* : Blanford and Godwin-Austen, *Fauna Brit. India Mollusca*, **1** : 253.

2000. *Rahula lhotaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 32.

2002. *Rahula lhotaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Nagaland (Lhotu Naga Hills).

Shell comparatively large, pyramidal, deeply perforate, closely sculptured, keeled at the periphery, flat at base.

762. *Rahula macropleuris* Benson

1859. *Helix macropleuris* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 265.

1908. *Rahula macropleuris* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 249.

1992. *Rahula macropleuris* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3(part 9)** : 107, *Zool. Surv. India*.

2000. *Rahula macropleuris* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 32.

2004. *Rahula macropleuris* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India*, p. 219, fig. 181.

Distribution : India : West Bengal (Darjeeling).

Elsewhere : Myanmar.

Shell elongate-type openly perforate, distantly sculptured, above, each whorl keeled at this suture, last whorl sharply keeled of the periphery flat on base.

763. *Rahula munipurensis* (Godwin-Austen)

1907. *Rahula munipurensis* Godwin-Austen *Land and Freshwater Moll. India*, **2** : 220, pl. 117, fig. 4.
 1908. *Rahula munipurensis* : Blanford and Godwin-Austen *Fauna Brit India*, Mollusca, **1** : 253
 1995. *Rahula munipurensis* : Subba Rao, Mitra Dey and Maitra. *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 80, pl. 23, figs. 4, 5, Zool. Surv. India.
 2000. *Rahula munipurensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32
 2002. *Rahula munipurensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.
 2005. *Rahula munipurensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 219, figs. 182, 183, 184.

Distribution : India : Manipur, Meghalaya.

Shell very small (one of the smallest in the genus), globosely conoid, deeply perforate, very strongly sculptured both above and below, keeled at the periphery.

Genus *Rasama* Laidlaw, 1932

764. *Rasama kala* (Godwin-Austen)

1883. *Macrochlamys kala* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 108, pl. 40, figs. 1,1a,1b.

Distribution : India : Arunachal Pradesh (Dafla Hills).

765. *Rasama kempi* (Godwin-Austen)

1914. *Sarama Kempfi* Godwin-Austen, *Rec. Indian Molls.*, **8** : 362, pl. 23, figs. 6, 7, 8 ; pl. 24, figs. 6, 7.
 2004. *Rasama Kempfi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 216, figs. 177, 178.

Distribution : India : Arunachal Pradesh (Abor Hills 2000 ft.).

Shell similar to that of *Machrorlamys* animal differs anatomically.

Genus *Sivella* Blanford, 1883

766. *Sivella billeana* (Moerch)

1872. *Nanina (Videna) billeana* Moerch *J. Conchyl.*, p. 310.
 1914. *Trochomorpha (Sivella) billeana* : Gude, *Fauna Brit. India, Mollusca*, **2** : 4.
 1979. *Trochomorpha (Sivella) billeana* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 17.
 1991. *Videna billeana* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 49, pl. 7, fig. 8.

2002. *Videna billeana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 47.
2004. *Sivella billeana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 221, figs. 185, 186.

Distribution : India : Maharashtra, Nicobar Islands.

Shell depressed subdiscoidal, narrowly perforate, obliquely striate above, sharply keeled at the periphery.

It is one of the species of land molluscs, occurring both on mainland and also on the Nicobar Islands.

767. *Sivella castra* (Benson)

1852. *Hellix castra* Benson, *Ann. Mag. nat. Hist.*, (2)10 : 349.
1914. *Trochomorpha (Sivella) castra* : Gude, *Fauna Brit. India*, Mollusca, 2 : 3.
1985. *Trochomorpha castra* : Dey, Barua and Mitra. *Rec. zool. Surv. India*, 82(1-4) : 267.
1990. *Sivella castra* : Mitra and Dey, *Rec. zool. Surv. India*, 86(1) : 55, pl. 3, figs. 3, 4.
1992. *Sivella castra* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 48, Zool. Surv. India.
1995. *Sivella castra* : Subba Rao and Mitra, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 67, pl. 14, figs. 1, 2, Zool. Surv. India.
2000. *Sivella castra* : Mookherjee, Thakur, Mitra and Dey Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 347, Zool. Surv. India.
2000. *Sivella castra* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 32.
2004. *Sivella castra* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 222, figs. 187, 188.
2005. *Sivella castra* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, 104 (3-4) : 8, pl. 2, figs. 1, 2.
2007. *Sivella castra* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 117, Zool. Surv. India.

Distribution : India : Throughout Maharashtra, also West Bengal.

Elsewhere : Malaysia, Myanmar, Thailand.

Shell rather large, thin, depressed, openly umbilicate, conspicuously sculptured above and below, sutures marginate, sharply keeled at the periphery.

Genus *Tadunia* Godwin-Austen, 1918

768. *Tadunia muspratti* Godwin-Austen

1918. *Tadunia muspratti* Godwin-Austen, *Rec. Indian Mus.*, 8 : 588.
2002. *Tadunia muspratti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27.

Distribution : India : Arunachal Pradesh (Abor Hills).

769. *Tadunia oakesi* (Godwin-Austen)

1918. *Tadunia oakesi* Godwin-Austen, *Rec. Indian Mus.*, **8** : 588, pl. 51, figs. 10, 10a.
 2000. *Tadunia oakesi* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 32.
 2002. *Tadunia oakesi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36
 2004. *Tadunia oakesi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, pl. 231, text-figs 55, a, b.

Distribution : India : Arunachal Pradesh (Abor Hills).

Shell globosely conoid very narrowly perforate, spirally striate both above and below, angulate at the periphery, rather flat on base.

Family ARIOPHANTIDAE

Subfamily ARIPHANTINAE

Genus *Ariophanta* Desmoulins, 1829770. *Ariophanta bajadera* (Pfeiffer)

1850. *Helix bajadera* Pfeiffer, *Zeitschr. Mal.*, **1850** : 69.
 1876. *Helix bajaderu* : Hamley and Theobald, *Conch. Indica*, pl. 3, fig. 5
 1908. *Ariophanta bajadera* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **I** : 31 fig. 19.
 1979. *Ariophanta bajadera* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 14.
 2002. *Ariophanta bajadera* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.
 2004. *Ariophanta bajadera* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 226, figs. C44, C45, C46.

Distribution : India : Goa, Maharashtra. (South of river Narmada ranging east to Nagpur).
 Common with Western Ghats.

'Subsists on leaves of one or two shrubs' (Blanford and Godwin-Austen, 1908)

771. *Ariophanta canarica* Blanford

1901. *Ariophanta canarica* Blanford, *Proc. malac. Soc.*, Lond., **4** : 248, pl. 25, fig. 1.
 1880. *Ariophanta intumescens* : Godwin-Austen, *J. Asiatic Soc. Beng.*, **49** : pl. 10, fig. 4 (animal).
 1908. *Ariophanta canarica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 32.
 2002. *Ariophanta canarica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.

Distribution India : Karnataka.

Close to *A. intumescens*, differs being slightly smaller and thicker.

772. *Ariophanta cysis* (Benson)

1852. *Helix cysis* Benson, *Ann. Mag. nat. Hist.*, (2)9 : 404.
 1876. *Helix cysis* : Hanley and Theobald, *Conch. Indica*, p. 13, pl. 25, fig. 5.
 1883. *Ariophanta cysis* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 139.
 1908. *Ariophanta cysis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 33.
 2002. *Ariophanta cysis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

Distribution : India : Karnataka, Tamil Nadu (Nilgiris, Annamalai)

773. *Ariophanta immerita* Blanford

1870. *Nanina (Ariophanta) immerita* Blanford, *J. Asiat. Soc. Beng.*, 39 : 17.
 1898. *Ariophanta immerita* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 135, pl. 33, fig. 1.
 1908. *Ariophanta immerita* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 31.
 2002. *Ariophanta immerita* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

Distribution : India : Karnataka.

774. *Ariophanta interrupta* (Benson)

1834. *Helix interrupta* Benson, *Proc. zool. Soc.*, Lond., 1834 : 90.
 1880. *Ariophanta interrupta* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 49 : 154, pl. 10, fig. 1.
 1908. *Ariophanta interrupta* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 31.
 1992. *Ariophanta interrupta* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(9) : 45, Zool. Surv. India.
 2004. *Ariophanta interrupta* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 228, figs. C49, C50.
 2005. *Ariophanta interrupta* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(Part 5) : 240, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Jharkhand, Orissa, West Bengal.

Elsewhere : Bangladesh.

Although the genus *Ariophanta* is essentially confined to Peninsular India, the two species, *A. interrupta* and *A. laidlayana* extend upto West Bengal, Bihar, Jharkhand in the north. *A. interrupta* is perhaps the most common species of the genus occurring abundantly and extending to Jessore in Bangladesh.

775. *Ariophanta intumescens* (Blanford)

1866. *Nanina (Ariophanta) intumescens* Blanford, *J. Asiat. Soc. Beng.*, 35 : 32.

1876. *Helix intumescens* : Hanley and Theobald, *Conch. Indica*, pl. 111, fig. 6.
 1898. *Ariophanta intumescens* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 138.
 1908. *Ariophanta intumescens* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 32.
 2002. *Ariophanta intumescens* : Ramakrishna and Mitra, *Rec. zool. Surv., Occ. Paper No.*, 196 : 16.

Distribution : India : Maharashtra.

776. *Ariophanta kadapaensis* (Nevill)

1795. *Helix nicobarica* Chemnitz, *Syst. Conch.*, (9)1 : 79, pl. 108, figs. 911, 912.
 1878. *Nanina (Ariophanta) kadapaensis*, Nevill, *Hand List Moll. Indian Mus.*, 1 : 19.
 1908. *Ariophanta kadapaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 30.
 2002. *Ariophanta kadapaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.
 2004. *Ariophanta kadapaensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 227, figs. C47, C48.
 2005. *Ariophanta kadapaensis* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(Part 5) : 240, Zool. Surv. India.

Distribution : India : Andhra Pradesh.

This species does not occur in Nicobar Islands.

777. *Ariophanta laevipes* (Mueller)

1774. *Helix laevipes* Mueller, *Hist. Ver.*, 2 : 22.
 1880. *Ariophanta laevipes* : Godwin-Austen *J. Asiat. Soc. Beng.*, 49 : 154, pl. 10, fig. 3.
 1908. *Ariophanta laevipes* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 29, fig. 18.
 2002. *Ariophanta laevipes* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.
 2002. *Ariophanta laevipes* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 241. Zool. Surv. India.
 2004. *Ariophanta laevipes* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 230, fig. C54, C55.

Distribution : India : Andhra Pradesh, Gujarat, Maharashtra. (Common in gardens of Mumbai).

Usually white with brown bands but brown shell with darker bands also occur.

778. *Ariophanta laidlayana* (Benson)

1856. *Helix laidlayana* Benson, *Ann. Mag. nat. Hist.*, (2)18 : 253.
 1898. *Helix (Ariophanta) laidlayana* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 140, pl. 34, fig. 3.

1908. *Ariophanta laidlayana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 30.
1992. *Ariophanta laidlayana* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3(9)** : 46, Zool. Surv. India.
2002. *Ariophanta laidlayana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.
2004. *Ariophanta laidlayana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 229, figs. C51, C52, C53.
2005. *Ariophanta laidlayana* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5(part 5)** : 241, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Bihar, Orissa, West Bengal.

Aestivating snails were observed on stems of large trees at about 1.5 metre height in Araku Valley, Andhra Pradesh.

779. *Ariophanta thyreus* (Benson)

1852. *Helix thyreus* Benson, *Ann. Mag. nat. Hist.*, (2)**9** : 405.
1876. *Helix thyreus* : Hanley and Theobald, *Conch. Indica*, p. 27, fig. 6.
1901. *Ariophanta thyreus* : Blanford, *Proc. malac. Soc.*, Lond., **4** : 244.
1908. *Ariophanta thyreus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 34.
2002. *Ariophanta thyreus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.

Distribution : India : Karnataka, Tamil Nadu.

Intermediate forms between *A. cysis* and *A. thyreus* occur (Blanford and Godwin-Austen, 1908)

Genus *Cryptozona* Moerch, 1872

780. *Cryptozona albata* (Blanford)

1880. *Xestina albata* Blanford, *J. Asiat. Soc. Beng.*, **2** : 189, pl. 3, fig. 3.
1908. *Ariophanta albata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 37.
2002. *Cryptozona albata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 16.
2004. *Cryptozona albata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 231, figs. 189, 190.
2005. *Cryptozona albata* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5(part 5)** : 242, Zool. Surv. India.

Distribution : India : Goa, Andhra Pradesh.

Not known beyond type-locality.

781. *Cryptozona basilessa* (Benson)

1865. *Helix basilessa* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 11.
1876. *Helix basilessa* : Hanley and Theobald, *Conch. Indica*, pl. 25, fig. 2; pl. 52, fig. 4.
1908. *Ariophanta basilessa* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 40.
2002. *Cryptozona basilessa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.
2004. *Cryptozona basilessa* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 232, figs. C58, C59.

Distribution : India : Kerala, Tamil Nadu, (Western Ghats—Hills at Pulney, Travancore, Palghat, Tinnevely etc. (5000–7000 ft.)

782. *Cryptozona belangeri* (Deshayes)

1834. *Helix belangeri* Deshayes in Belanger, *Voy. zool.*, p. 43, pl. 1, figs. 1-3.
1876. *Helix belangeri* : Hanley and Theobald, *Conch. Indica*, pl. 29, fig. 6.
1908. *Ariophanta belangeri* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 36.
2002. *Cryptozona belangeri* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ Paper No.*, 196 : 16.
2004. *Cryptozona belangeri* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 243, Zool. Surv. India.
2008. *Cryptozona belangeri* : Surya Rao, Mitra and Manna, *Rec. zool. Surv. India*, 108(2) : 13.

Distribution : India : Andhra Pradesh, Kerala, Tamil Nadu.

Elsewhere : Maldives.

783. *Cryptozona bistrialis* (Beck)

1837. *Nanina bistrialis* Beck, *Ind. Moll.*, 1 : 2.
1898. *Nilgiria bistrialis* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 80, pl. 81, fig. 4; pl. 82, fig. 5.
1979. *Cryptozona (Xestina) bistrialis* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 14.
2004. *Cryptozona bistrialis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 234, figs. C60, C61.
2005. *Cryptozona bistrialis* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 243, Zool. Surv. India.
2008. *Cryptozona bistrialis* : Surya Rao, Mitra and Manna, *Rec. zool. Surv. India*, 108(2) : 14.

Distribution : India : Andhra Pradesh, Karnataka, Maharashtra, Tamil Nadu.

Elsewhere Sri Lanka.

Commonly with two brown spiral lines encircling the bodywhorl, but shells with a single band or without bands also occur.

784. *Cryptozona gassii* (Blanford)

1901. *Ariophanta gassii* (Beddome Ms.) Blanford, *Proc. malac. Soc.*, Lond., 4. 249, pl. 25, fig. 3.
 1908. *Ariophanta gassii* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 46.
 2002. *Cryptozona gassii* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

Distribution : India : Kerala, Tamil Nadu.

785. *Cryptozona ligulata* (Ferussac)

1819. *Helix ligulata* Ferussac, *Hist. nat.*, pl. 31, fig. 2.
 1899. *Nilgiri ligulata* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 123, pl. 98, fig. 1-1d.
 1908. *Ariophanta ligulata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 38.
 2002. *Cryptozona ligulata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.
 2004. *Cryptozona ligulata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 234, figs. C62, C63, C64.
 2005. *Cryptozona ligulata* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 244, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Bihar, Jharkhand, Orissa, Tamil Nadu.

C. ligulata is the only species of the genus which extends as far north as the Gangetic plains of Bihar.

786. *Cryptozona maderaspatana* (Gray)

1834. *Helix maderaspatana* Gray, *Proc. zool. Soc.*, Lond., 1834 : 67.
 1908. *Ariophanta maderaspatana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 45, fig. 25.
 2002. *Cryptozona maderaspatana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.
 2004. *Cryptozona maderaspatana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 235, fig. C67.
 2005. *Cryptozona maderaspatana* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 244, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Karnataka, Tamil Nadu (Hills of South India, 1500-6000 ft.)

Coloration of the shell and the mantle and also the convexity of the shell vary in individuals from some of the localities. (Blanford and Godwin-Austen, 1908).

787. *Cryptozona semirugata* (Beck)

1837. *Galaxis semirugata* Beck, *Ind.*, p. 42.

1898. *Nilgiria tranquburica* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 78, pl. 81, figs. 3-3d; pl. 82, fig. 3.
1908. *Ariophanta semirugata* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, 1 : 35, fig. 21.
1979. *Cyptozona (Nilgiria) semirugata* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 15.
2004. *Cyptozona semirugata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 236, figs. C68, C69.
2005. *Cyptozona semirugata* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 245, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Gujarat, Maharashtra, Tamil Nadu.

Elsewhere : Sri Lanka.

Shell of this species is very variable, particularly in height-diameter ratio and is often confused with that of *C. belangeri*. The latter species differs being less swollen, being more openly perforate and also the body whorl being straight in front.

788. *Cyptozona sisparica* (Blanford)

1866. *Nanina (Hemiplecta) sisparica* Blanford, *J. Asiat. Soc. Beng.*, 2 : 34.
1876. *Helix sisparica* : Hanley and Theobald, *Conch. Indica*, pl. 112., figs. 4, 5, 6.
1908. *Ariophanta sisparica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 37.
2002. *Cyptozona sisparica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, 196 : 16.

Distribution : India : Tamil-Nadu (6000 ft.), Nilgiris.

789. *Cyptozona solata* (Benson)

1848. *Helix solata* Benson, *Ann. Mag. nat. Hist.*, (2)2 : 159.
1876. *Helix solta* : Hanley and Theobald, *Conch. Indica*, pl. 28, fig. 6.
1898. *Nilgiria solata* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 77, pl. 80, figs. 1-4, pl. 82, fig. 2.
1908. *Ariophanta solata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 47, fig. 26.
2002. *Cyptozona solata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

Distribution : India : Karnataka, Tamil Nadu.

It is one of the known pestiferous snail-species of India and was reported to cause extensive damage to the coffee plantations in the Chikmagalur district of Karnataka (Subba Rao, 1975).

Genus *Euplecta* Semper, 1870

790. *Euplecta acalles* (Pfeiffer)

1856. *Helix acalles* Pfeiffer, *Proc. zool. Soc.*, Lond., 1856 : 327.

1876. *Helix acalles* : Hanley and Theobald, *Conch. Indica*, pl. 128, figs. 1, 4.
 1908. *Euplecta acalles* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 56.
 2002. *Euplecta acalles* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

Distribution India Tamil Nadu (Nilgiri).

No subsequent records.

791. *Euplecta acuducta* (Benson)

1850. *Helix acuducta* Benson, *Ann. Mag. nat. Hist.*, (2)5 : 214.
 1876. *Helix acuducta* : Hanley and Theobald, *Conch. Indica*, pl. 50, fig. 5.
 1908. *Euplecta acuducta* : Blanford and Godwin-Austen, *Fauna Brit. India.*, Mollusca, 1 : 67, fig. 36.

Distribution : India : Karnataka, Kerala, Tamil Nadu (on hills).

Elsewhere Sri Lanka.

Varies in height of spire, sharpness of the keel and also in sculpture. Typical shell of *E. acuducta* is distinct for its low spire and flat whorls. Height of spire is much less than the depth of body whorl below the keel.

792. *Euplecta alfizonata* (Dohrn.)

1856. *Helix alfizonata* Dohrn, *Proc. zool. Soc.*, Lond., 1856 : 133.
 1876. *Helix alfizonata* : Hanley and Theobald, *Conch. Indica*, pl. 52, fig. 6.
 1908. *Euplecta alfizonata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 61.

Distribution : India : Kerala (Travancore).

Elsewhere : Sri Lanka.

Very close to *E. indica*. (Africa)

793. *Euplecta apicata* (Blanford)

1870. *Nanina (Trochomorpha) apicata* Blanford, *J. Asiat. Soc. Beng.*, 2 : 16, pl. 3. fig. 13
 1908. *Euplecta ? apicata* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, 1 : 72.
 2002. *Euplecta apicata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Tamil Nadu (Nilgiris, Anamalai).

794. *Euplecta baconi* (Benson)

1850. *Helix baconi* Benson, *Ann. Mag. nat. Hist.*, (2)6 : 251.
 1876. *Helix baconi* : Hanley and Theobald *Conch. Indica*, pl. 56, fig. 7.

1878. *Nanina (Sitala?) baconi* : Nevill, *Hand List Moll. Indian Mus.*, 1 : 35.

1908. *Euplecta? baconi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 56.

Distribution : India Uttar Pradesh (Moradabad), “Northern India”

Nevill (1878) recorded this species also from “Benaras” and “Calcutta’ But since the genus *Euplecta* is confined to the peninsular part of India, judging by its distribution, generic, position of the species is very doubtful.

795. *Euplecta cacuminifera* (Benson)

1850. *Helix cacuminifera* Benson, *Ann. Mag. nat. Hist.*, (2)5 : 214

1876. *Helix cacuminifera* : Hanley and Theobald, *Conch. Indica*, pl. 54, fig. 2.

1908. *Euplecta cacuminifera* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 68.

2002. *Euplecta cacuminifera* : Ramakrishna and Mitra., *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

2004. *Euplecta cacuminifera* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 237, figs. 191, 192.

Distribution : India : Tamil Nadu.

Distinct for its spiral granular sculpture.

796. *Euplecta fluctuosa* Blanford

1901. *Euplecta fluctuosa* Blanford, *Proc. zool Soc.*, Lond., 4 : 251, fig. 1.

1908. *Euplecta fluctuosa* : Blanford and Godwin-Austen *Fauna Brit. India*, Mollusca, 1 : 63.

2002. *Euplecta fluctuosa* : Ramakrishna and Godwin-Austen, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Karnataka, Maharashtra (North Canara).

797. *Euplecta granulifera* Blanford

1901. *Euplecta granulifera* Blanford, *Proc. malac Soc.*, Lond., 4 : 252, fig. 5.

1908. *Euplecta granulifera* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 69.

2002. *Euplecta granulifera* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Karnataka, Maharashtra (North Canara).

E. granulifera is the smallest in size among all the Indian spires of *Euplecta*.

798. *Euplecta indica* (Pfeiffer)

1846. *Helix indica* Pfeiffer, *Symb.*, 3 : 66.

1876. *Helix indica* : Hanley and Theobald, *Conch. Indica*, pl. 55, fig. 10.

1908. *Euplecta indica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 60, fig. 33.

2004. *Euplecta indica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 238, figs. 193, 194.
2005. *Euplecta indica* : Mitra, Dey and Ramakrishna *Fauna of Andhra Pradesh, State Fauna Series, 5(part 5)* : 246, Zool. Surv. India.

Distribution India : Andhra Pradesh, Karnataka, Kerala, Tamil Nadu.

Elsewhere : Maldives, Sri Lanka. (Mostly on Hills).

Shows considerable variations in size and sculpture.

799. *Euplecta infausta* (Blanford)

1866. *Nanina (Macrochlamys) infausta* Blanford, *J. Asiat. Soc. Beng.*, 2 : 36.
1870. *Helix infausta* : Hanley and Theobald, *Conch. Indica*, 159, figs. 2, 3.
1908. *Macrochlarnys infausta* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 133.
1989. *Euplecta infausta* : Subba Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series, 1* : 270, fig. 6a.
2004. *Euplecta infausta* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series, 5(part 5)* : 246, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Orissa.

As discussed by Subba Rao *et al.* (1989), through treated under *Macrochlarnys* by Blanford and Godwin-Austen (1908), because of its shell characters, the species has been placed under *Euplecta*.

800. *Euplecta mucosa* (W. and H. Blanford)

1862. *Helix mucosa* W. and. H. Blanford, *J. Asiat. Soc. Beng.*, 30 : 353, pl. 1, fig. 9.
1876. *Helix mucosa* Hanley and Theobald, *Conch. Indica*, pl. 90, figs. 5, 6.
1908. *Euplecta ? mucosa* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 72.
2002. *Euplecta mucosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Kerala, Tamil Nadu.

801. *Euplecta mucronifera* Blanford

1901. *Euplecta mucronifera* Blanford, *Proc. malac Soc., Lond.*, 4 : 252, fig. 3.
1908. *Euplecta mucronifera* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 70.
2002. *Euplecta mucronifera* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Tamil Nadu (Anamalai Hills).

802. *Euplecta orbiates* Blanford

1901. *Euplecta orbiates* Blanford, *Proc. malac. Soc.*, Lond., 4 : 253, fig. 4.
 1908. *Euplecta ? orbiates* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 72.
 2002. *Euplecta orbiates* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Kerala (Travancore).

803. *Euplecta pulchella* Blanford

1904. *Euplecta pulchella* Blanford, *Proc. zool. Soc.*, Lond., 2 : 447, pl. 25, fig. 18.
 1908. *Euplecta pulchella* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 56.
 2002. *Euplecta pulchella* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

Distribution : India : Tamil Nadu.

No subsequent record.

804. *Euplecta semidecussata* (Pfeiffer)

1851. *Helix semidecussata* Pfeiffer, *Proc. zool. Soc.*, Lond., 1851 : 252.
 1876. *Helix semidecussata* : Hanley and Theobald, *Conch. Indica*, pl. 58, figs. 1, 2.
 1898. *Euplecta semidecussata* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 101, pl. 97, figs. 2-2d; pl. 98, fig. 5.
 1908. *Euplecta semidecussata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 57.

Distribution : India : Kerala (Travancore).

Elsewhere : Sri Lanka.

Shell shows much variations in height of spire, angulation of body whorl and also in coloration.

805. *Euplecta subcastor* (Beddome)

1891. *Nanina subcastor* Beddome, *Proc. zool. Soc.*, Lond., 1891 : 313.
 1908. *Euplecta subcastor* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 58.
 2002. *Euplecta subcastor* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.
 2004. *Euplecta subcastor* : Mitra, Dey and Ramakrishna., *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 239, figs. C70. C 71.

Distribution : India : Kerala (2,500 ft.).

As suggested by Blanford and Godwin-Austen (1908) probably this species also occurs in Karnataka.

806. *Euplecta subdecussata* (Pfeiffer)

1857. *Nanina subdecussata* Pfeiffer, *Proc. zool. Soc.*, Lond., 1857 : 107.
1878. *Nanina* (*Sitala*?) *subdecussata* : Nevill, *Hand List, Moll. Indian Mus.*, L : 34.
1908. *Euplecta subdecussata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 55.
2005. *Euplecta subdecussata* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 247, Zool. Surv. India.
2004. *Euplecta subdecussata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 239, fig. 195.

Distribution : India : Andhra Pradesh, Maharashtra, Orissa, Tamil-Nadu.

807. *Euplecta travancorica* (Benson)

1865. *Helix travancorica* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 13.
1876. *Helix travancorica* : Hanley and Theobald, *Conch Indica*, pl. 50, fig. 6; pl. 149, fig. 7.
1908. *Euplecta travancorica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 58, fig. 32.
2004. *Euplecta travancorica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 240, figs. C72, C73.
2005. *Euplecta travancorica* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 248, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Kerala, Tamil Nadu (4000 ft.).

Elsewhere : Sri Lanka.

Spire mostly with concave sides. As pointed out by Blanford and Godwin-Austen (1908) there is some confusion in respect of its relationship with *E. lacta* (Pfeiffer, 1854). The two species are very close and probably identical with each others. And in that case the name *E. lacta* should have the priority.

Genus *Hemiplecta* Albers, 1850808. *Hemiplecta basileus* (Benson)

1861. *Helix basileus* Benson, *Ann. Mag. nat. Hist.*, (3)7 : 81.
1866. *Nanina basileus* : Blanford, *J. Asiat. Soc. Beng.*, 2 : 39.
1902. *Nilgira basileus* : Godwin-Austen, *Proc. zool. Soc.*, Lond., 5 : 248, pl. 6.
1908. *Ariophanta basileus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 41, fig. 23.
2002. *Hemiplecta basileus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.
2004. *Hemiplecta basileus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India. p. 240, figs. C74, C75.

Distribution : India : Kerala, Tamil Nadu (Teak forests, 2000-3000 ft.).

The species is distinct for its very large size, being the largest among Indian land snails in diameter.

809. *Hemiplecta beddomii* Blandford

1874. *Hemiplecta beddomii* Blandford, *Ann. Mag. nat. Hist.*, (4)14 : 406.

1876. *Helix beddommi* : Hanley and Theobald, *Conch. Indica*, pl. 159, fig. 10.

1908. *Ariophanta beddomii* : Blandford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 42.

2002. *Cryptozona beddomii* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

Distribution : India : Kerala (Travancore Hills).

Very close to *H. basileus* differs, being smaller and thinner.

810. *Hemiplecta textrina* (Benson)

1866. *Helix textrina* Benson, *Ann. Mag. nat. Hist.*, (2)18 : 252.

1876. *Helix textrina* : Hanley and Theobald, *Conch. Indica*, pl. 52, figs, 2, 5.

1883. *Macrochlamys textrina* : Godwin-Austen, *Land and Freshwater Moll. India.*, 1 : pl. 21, fig. 37.

1908. *Hemiplecta?* *textrina* : Blandford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 292.

2004. *Hemiplecta textrina* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 242, figs. C196, C197.

Distribution : India : Kerala (2500 ft.).

Elsewhere : Myanmar.

Genus *Indrella* Godwin-Austen, 1901

811. *Indrella ampulla* (Benson)

1850. *Helix ampulla* Benson, *Ann. Mag. nat. Hist.*, (2) 5 : 213.

1866. *Helix ampulla* : Blandford, *J. Asiat. Soc. Beng.*, 34 : 39.

1901. *Indrella ampulla* : Godwin-Austen, *Proc. malac. Soc.*, Lond., 4 : 187, pl. 18.

1908. *Indrella ampulla* : Blandford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 49, fig. 28.

2002. *Indrella ampulla* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 16.

2004. *Indrella ampulla* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 243, figs. C76, C77.

Distribution : India : Kerala, Tamil Nadu (Wynad, Nilgiris, 3000 ft.)

The genus *Indrella* is monotypic. *I. ampulla* has a very thin, (one of the thinnest among Indian land snails) large, globex shell. It feeds on large fungi (Blandford and Godwin-Austen, 1908).

Genus *Rhyssotopsis* Ancey, 1888812. *Rhyssotopsis conferta* (Pfeiffer)

1856. *Helix conferta* Pfeiffer, *Proc. zool. Soc.*, Lond., 1856 : 328.
1863. *Helix haughtoni* : Benson, *Ann. Mag. nat. Hist.*, (3)11 : 87.
1882. *Rhyssota conferta* : Godwin-Austen, *J. Asiat. Soc. Beng.*, 2 : 70, pl. 5, fig. 6.
1908. *Haughtonia conferta* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 295.
1991. *Rhyssotopsis conferta* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 62, pl. 6. fig. 4.
2002. *Rhyssotopsis conferta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6.
2004. *Rhyssotopsis conferta* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 244, figs. C78, C79.

Distribution : India : Andaman Islands.

Rhyssotopsis is a monotypic genus endemic to the Andaman Islands.

Subfamily DYAKIINAE

Genus *Staffordia* Godwin-Austen, 1907813. *Staffordia daflaensis* (Godwin-Austen)

1883. *Macrochlamys daflaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1, pl. 21, fig. 6.
1883. *Macrochlamys shengorensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 102, pl. 22, fig. 5.
1907. *Staffordia daflaensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 185, pl. 113, fig. 1011.
1908. *Staffordia daflaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 296, fig. 90.
1985. *Staffordia daflaensis* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, 82(1-4) : 296.
1990. *Staffordia daflaensis* : Mitra and Dey, *Rec. zool. Surv. India, Occ. Paper No.*, 86(1) : 62.
2000. *Staffordia daflaensis* : Dey and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 98(2) : 32.
2002. *Staffordia daflaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.
2004. *Staffordia daflaensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 245, figs. 198, 199.

Distribution : India : Arunachal Pradesh (Dafla, 7000 ft.).

“An abundant species on the Dafla Hills, varying much in colour and size.” (Blanford and Godwin-Austen, 1908).

814. *Staffordia staffordi* (Godwin-Austen)

1883. *Macrochlamys staffordi* Land and Freshwater Moll. India, I, pl. 21, fig. 14.

1907. *Staffordia staffordi* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 185, pl. 113, fig. 4.

1908. *Staffordia staffordi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 299.

2002. *Staffordia staffordi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.

Distribution : India : Arunachal Pradesh (Dafla Hill, 7000 ft.).

Sculpture is very peculiar (Blanford and Godwin-Austen, 1908).

815. *Staffordia toruputuensis* Godwin-Austen

1907. *Staffordia toruputuensis* Godwin-Austen, *Land and Freshwater Moll. India.*, 2 : 185, pl. 113, fig. 3.

1908. *Staffordia toruputuensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 299.

2000. *Staffordia toruputuensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 32.

2002. *Staffordia toruputuensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.

Distribution : India : Arunachal Pradesh (Toruputu peak, Dafla Hills, 700 ft.)

Sculpture very smooth (Blanford and Godwin-Austen, 1908).

Subfamily PARMARIONINAE

Genus *Parmarion* P. Fischer, 1856

816. *Parmarion martensi* (Simroth)

1893. *Parmarion martensi* Simroth, *Erg. weber*, 3 : 107, pl. 7, fig. 8, pl. 8, figs. 20-22.

1950. *Parmarion martensi* : Van Benthom Jutting, *Treubia*, 20(3) : 438, figs. 54-55.

1995. *Parmarion martensi* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 69, pl. 15, figs. 4, 5, Zool. Surv. India.

2007. *Parmarion murtensi* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 123, Zool. Surv. India.

Distribution : India : Meghalaya, Mizoram.

Elsewhere : Indonesia.

The genus *Parmarion* was for the first time recorded from India by Subba Rao, *et al.* (1995) basing on two examples of these slugs collected from under stones at the slope of Siju Hill, Meghalaya.

Subfamily GIRASIINAE

Genus *Girasia* Gray, 1855

817. *Girasia burtii* (Godwin-Austen)

1876. *Helicarion (Hoplites) burtii* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 314, pl. 8, fig. 6.

1908. *Girasia burtii* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 202.

1990. *Girasia burtii* : Mitra and Dey, *Rec. zool. Surv. India*, **86**(1) : 56, pl. 3, fig. 9.
2000. *Girasia burtii* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32.
2002. *Girasia burtii* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.
2007. *Girasia burtii* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 120, Zool. Surv. India.

Distribution : India : Assam, Mizoram.

818. *Girasia cinerea* (Godwin-Austen)

1876. *Helicarion (Hoplites) cinerea* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 314, pl. 8, fig. 2.
1908. *Girasia cinerea* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 202, fig. 64B.
2000. *Girasia cinerea* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32.
2002. *Girasia cinerea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Arunachal Pradesh.

Distinct for its small size and bluish-grey colouration. Found under old logs in the forest. (Blanford and Godwin-Austen, 1908).

819. *Girasia crocea* (Godwin-Austen)

1872. *Helicarion (Hoplites) crocea* Godwin-Austen, *Proc. zool. Soc., Lond.*, **1872** : 517, pl. 30, figs. 9, 9a.
1908. *Girasia crocea* : Blanford and Godwin-Austen : *Fauna Brit. India, Mollusca*, **1** : 201.
1995. *Girasia crocea* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna series*, **4**(part 8) : 70, pl. 18, figs. 5, 8, Zool. Surv. India.
2000. *Girasia crocea* : Dey and Mitra, *Rec. zool. Surv. India*, **98** (2) : 32.
2002. *Girasia crocea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Meghalaya.

Has a fine bright saffron-yellow colour. Found creeping on tall grasses (Blanford and Godwin-Austen, 1908).

820. *Girasia dalhousiae* Godwin-Austen

1888. *Girasia dalhousiae* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 224, pl. 61, figs. 1, 1a; pl. 62, figs. 4, 4a.
1908. *Girasia dalhousiae* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 202.
2000. *Girasia dalhousiae* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32.
2002. *Girasia dalhousiae* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

2005. *Girasia dalhousiae* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh) : 49.

Distribution : India : Himachal Pradesh.

Only species of the genus recorded from the Western Himalaya.

821. *Girasia dikrangensis* (Godwin-Austen)

1876. *Testacella? dikrangensis* Godwin-Austen, *J. Asiat. Soc. Beng.*, 45(2) : 314, pl. 8, fig. 7.
 1908. *Girasia dikrangensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 203.
 2000. *Girasia dikrangensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 32.

Distribution : India : Arunachal Pradesh.

This species was described based on two dead shells which were much more solid and different from those of *Girasia*. The placement was provisional and could not be confirmed till now.

822. *Girasia gladstoni* Godwin-Austen

1916. *Girasia gladstoni* Godwin-Austen, *Rec. Indian Mus.*, 8 : 552, pl. 45, figs. 7-11.
 2000. *Girasia gladstoni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 32.
 2002. *Girasia gladstoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Assam.

823. *Girasia hookeri* (Gray)

1855. *Girasia hookeri* Gray *Cat. Pulm, Brit. Molls.* p. 61.
 1888. *Girasia hookeri* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 219, pl. 55, figs. 1, 1a, 1b, 2, 2a, 2b; pl. 60, figs. 3, 4, 5; pl. 62, fig. 1.
 1908. *Girasia hookeri* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 200, fig. 70.
 2000. *Girasia hookeri* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 32.
 2000. *Girasia hookeri* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 349.
 2005. *Girasia hookeri* : Surya Rao, Mukherjee and Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, 10(part 3) : 100, pl. 11, figs. 2, 3; pl. 14, fig. 1, *Zool. Surv. India*.

Distribution : India : Manipur, Nagaland.

Blanford and Godwin-Austen (1908) did not give any localities for the species. It was for the first time recorded from Manipur (collected from Rubber plantations at Imphal) by Surya Rao *et al.* (2005).

824. *Girasia maculosa* Godwin-Austen

1916. *Girasia maculosa* Godwin-Austen, *Rec. Indian Mus.* **8** : 551, pl. 46, figs. 1 & 1a.
 2000. *Girasia maculosa* : Dey and Mitra, *Rec. zool. Surv. India*, **98** (2) : 32.
 2002. *Girasia maculosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Assam.

825. *Girasia pankabariensis* (Godwin-Austen)

1888. *Girasia pankabariensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 225, pl. 59, figs. 1, 1a, 1b.
 1908. *Girasia pankabariensis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 201.
 2000. *Girasia pankabariensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32.
 2002. *Girasia pankabariensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution : India : Sikkim.

826. *Girasia radha* (Godwin-Austen)

1876. *Helicarion (Hoplites) radha* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 314, pl. 8, fig. 4.
 1908. *Girasia radha* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 201.
 1990. *Girasia radha* : Mitra and Dey, *Rec. zool. Surv. India*, **86**(1) : 57, pl. 5, fig. 7.
 2000. *Girasia radha* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32.
 2002. *Girasia radha* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.
 2007. *Girasia radha* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 120, Zool. Surv. India.

Distribution : India : Assam, Mizoram.

Genus *Austenia* Nevill, 1878827. *Austenia aborensis* (Godwin-Austen)

1916. *Austenia aborensis* Godwin-Austen *Rec. Indian Mus.*, **8** : 548, pl. 46, figs. 2, 2a.
 2000. *Austenia aborensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32.

Distribution : India : Arunachal Pradesh (Abor Hills).

No subsequent record.

828. *Austenia alba* Godwin-Austen

1916. *Austenia alba* Godwin-Austen, *Rec. Indian Mus.*, **8** : 549, text-fig. 1.
 2000. *Austenia alba* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 32.

2004. *Austenia alba* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 246, figs. 200, 201.

Distribution : India : Arunachal Pradesh. (Abor Hills, 13000 ft.).

Shell white-coloured. No subsequent record.

829. *Austenia annandalei* Godwin-Austen

1910. *Austenia annandalei* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 288, pl. 128, figs. 15, 15a.
 1992. *Austenia annandalei* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 97, Zool. Surv. India.
 2000. *Austenia annandalei* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 33.

Distribution : India : West Bengal (Darjeeling), 4700 ft.

830. *Austenia butleri* (Godwin-Austen)

1888. *Girsasia butleri* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 226, pl. 60, fig. 7.
 1880. *Austenia gigas* var. *minor* : Godwin-Austen, *Proc. zool. Soc., Lond.*, 1880 : 294, pl. 24, figs. 3, 6, 9; pl. 25; figs. 1-5; pl. 26, 1, 5, 8; pl. 27, figs. 8-10.
 1908. *Austenia butleri* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 194, fig. 68.
 2000. *Austenia butleri* : Dey and Mitra, *Rec. zool. Surv. India*, 98 (2) : 33.
 2002. *Austenia butleri* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Nagaland (Naga Hills).

831. *Austenia cacharica* (Godwin-Austen)

1888. *Girsasia cacharica* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 240, pl. 59, figs. 4, 4a; pl. 62, fig. 5.
 1908. *Austenia cacharica* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 196.
 2000. *Austenia cacharica* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 349, Zool. Surv. India.
 2000. *Austenia cacharica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 33.
 2002. *Austenia cacharica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.
 2004. *Austenia cacharica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 247, figs. 202, 203.
 2007. *Austenia cacharica* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 119, Zool. Surv. India.

Distribution : India : Assam, Mizoram, Nagaland.

832. *Austenia gigas* (Benson)

1836. *Vitrinia gigas* Benson, *J. Asiat. Soc. Beng.*, **5** : 350.
1875. *Helicarion gigas* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **44(2)** : 6, pl. 3.
1888. *Austenia gigas* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 228, pl. 55, figs. 3, 3a, 3b; pl. 60, figs. 1, 1a; pl. 62, fig. 8.
1908. *Austenia gigas* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 192, fig. 66.
2000. *Austenia gigas* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.
2004. *Austenia gigas* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 248, figs. 204, 205.
2007. *Austenia gigas* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 119, Zool. Surv. India.

Distribution : India : Meghalaya.

Elsewhere : Myanmar.

Distinct for its large size. The extended animal reaches upto 20 cms.

833. *Austenia nagaensis* (Godwin-Austen)

1875. *Helicarion nagaensis* Godwin-Austen, *J. Asiat. Soc. Beng.*, **44(2)** : 5, pl. 2, figs. 3-3c.
1908. *Austenia nagaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 195.
2000. *Austenia nagaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.
2002. *Austenia nagaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Nagaland.

834. *Austenia rotungensis* Godwin-Austen

1914. *Austenia rotungensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 360, pl. 23, figs. 1-5.
2004. *Austenia rotungensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 249, fig. 206.

Distribution : Arunachal Pradesh (Abor Hills).

Shell fairly large and thick, narrower than *A. gigas* has no subsequent record.

835. *Austenia sikkimesis* (Godwin-Austen)

1888. *Girasia (Ibycus) sikkimesis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 239, pl. 59, figs. 2, 2a, 2b.
1908. *Austenia sikkimesis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 197.
2000. *Austenia sikkimesis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.

2002. *Austenia sikkimesis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Sikkim (9,500 feet).

A variety *A. sikkimensis* var. *mainwaringi* (Godwin-Austen), differing in colouration of the animal in living condition was collected from Darjelling in West Bengal.

836. *Austenia siyomensis* (Godwin-Austen)

1914. *Austenia siyomensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 550, text-fig. 2.

2000. *Austenia siyomensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 33.

Distribution : Arunachal Pradesh (Abor Hills).

No subsequent record.

837. *Austenia solida* (Godwin-Austen)

1872. *Helicarion (Hoplites) solida* Godwin-Austen, *Proc. zool. Soc.*, Lond., 1872 : 518, pl. 30, fig. 10.

1876. *Vitrina solida* : Hanley and Theobald, *Conch. Indica*, pl. 152, fig. 6.

1908. *Austenia solida* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 196.

2000. *Austenia solida* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 33.

2002. *Austenia solida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Assam (North Cachar Hills).

Close to *A. cacharica* (Godwin-Austen).

Genus *Cryptaustenia* Cockerell, 1898

838. *Cryptaustenia bensoni* (Pfeiffer)

1848. *Vitrina bensoni* Pfeiffer, *Proc. zool. Soc.*, Lond., 1848 : 107.

1883. *Austenia bensoni* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 150, pl. 36, figs. 6, 7.

1908. *Cryptaustenia bensoni* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 187.

1992. *Cryptaustenia bensoni* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 48, Zool. Surv. India.

2004. *Cryptaustenia bensoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 250, figs. 207, 208.

Distribution : India : West Bengal.

Elsewhere : Bangladesh.

839. *Cryptaustenia bicolor* Godwin-Austen

1916. *Cryptaustenia bicolor* Godwin-Austen, *Rec. Indian Mus.*, 8 : 548, pl. 45, figs. 12-14.

2000. *Cryptaustenia bicolor* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.

2002. *Cryptaustenia bicolor* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Assam.

840. *Cryptaustenia durrangensis* (Godwin-Austen)

1907. *Austenia durrangensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 172, pl. 108, figs. 5, 5b; pl. 111, figs. 7, 7C.

1908. *Cryptaustenia durrangensis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 183.

2000. *Cryptaustenia durrangensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.

2002. *Cryptaustenia durrangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

2004. *Cryptaustenia durrangensis* : Subba Rao, Mukherjee, Mitra and Barua, *Fauna of Manipur, State Fauna Series*, **10(part 3)** : 99, pl. 11, fig. 1, Zool. Surv. India.

Distribution : India : Assam, Manipur.

841. *Cryptaustenia globosa* (Godwin-Austen)

1876. *Helix (Nanina) globosa* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45(2)** : 312.

1883. *Austenia globosa* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 153, pl. 37, figs. 5-5b.

1908. *Cryptaustenia globosa* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 187.

2002. *Cryptaustenia globosa* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 43.

Distribution : India : Arunachal Pradesh, (Dafla Hills).

842. *Cryptaustenia heteroconcha* (H. Blanford)

1871. *Helicarion heteroconcha* Blanford, *J. Asiat. Soc. Beng.*, **2** : 45, pl. 2, figs. 8-86.

1876. *Vitirina heteroconcha* : Hanley and Theobald, *Conch. Indica*, pl. 152, figs. 8, 9.

1908. *Cryptaustenia heteroconcha* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 183.

1992. *Cryptaustenia heteroconcha* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3(part 9)** : 94, Zool. Surv. India.

2000. *Cryptaustenia heteroconcha* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.

2002. *Cryptaustenia heteroconcha* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution : India : West Bengal (Darjeeling).

Not known outside Darjeeling (West Bengal).

843. *Cryptaustenia ovata* (H. Blanford)

1871. *Helicarion ovata* H. Blanford, *J. Asiat. Soc. Beng.*, **2** : 44, pl. 2, fig. 9.

1908. *Cryptaustenia ovata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 182.
1992. *Cryptaustenia ovata* : Thakur, Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 94, Zool. Surv. India.
1995. *Cryptaustenia ovata* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 68 : pl. 14, figs. 3, 4, Zool. Surv. India.
2000. *Cryptaustenia ovata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 33.
2002. *Cryptaustenia ovata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.
2003. *Cryptaustenia ovata* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 137, Zool. Surv. India.
2004. *Cryptaustenia ovata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 25, figs. 209, 210.

Distribution : India : Meghalaya, Sikkim, West Bengal (Darjeeling).

After its description in 1871, subsequently it was collected and reported from Meghalaya (Siju cave) by Subba Rao *et al.* (1995) and from Sikkim (Namchi) by Dey *et al.* (2003).

844. *Cryptaustenia panchetensis* (Godwin-Austen)

1883. *Austenia panchetensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 153, pl. 37, 3-3b.
1908. *Cryptaustenia panchetensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 43.
2002. *Cryptaustenia panchetensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

Distribution : India Jharkhand (Rajmahal range).

845. *Cryptaustenia papillaspira* Godwin-Austen

1883. *Austenia papillaspira* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 153, pl. 37.
1908. *Cryptaustenia papillaspira* Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 301.

Distribution : India : Meghalaya (North Khasi Hills).

846. *Cryptaustenia silcharensis* (Godwin-Austen)

1907. *Austenia silcharensis* Godwin-Austen *Land and Freshwater Moll. India*, 2 : 170, pl. 107, figs. 1-3c.
1908. *Cryptaustenia silcharensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 186.
1995. *Cryptaustenia silcharensis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 68 : pl. 14, figs. 5, 6, Zool. Surv. India.
2000. *Cryptaustenia silcharensis* : Dey and Mitra, *Rec. zool. Surv. India*. 98(2) : 33.
2002. *Cryptaustenia silcharensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.
2005. *Cryptaustenia silcharensis* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, 104(3-4) : 9, pl. 3, figs. 1, 2.

Distribution : India Assam, Arunachal Pradesh, Meghalaya (3,900 ft).

The species was for the first time recorded from outside Assam (Meghalaya) by Subba Rao *et al.* (1995) and subsequently from Arunachal Pradesh by Ramakrishna *et al.* (2005).

847. *Cryptaustenia succinea* (Reeve)

1862. *Vitrina succinea* Reeve, *Conch. Icon., Vitrina*, pl. 2, fig. 8.
 1908. *Cryptaustenia succinea* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 180, fig. 63.
 1995. *Cryptaustenia succinea* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 69, pl. 15, figs. 1, 2, Zool. Surv. India.
 2000. *Cryptaustenia succinea* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 33.
 2003. *Cryptaustenia succinea* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 138, Zool. Surv. India.
 2004. *Cryptaustenia succinea* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 251, figs. 211, 212

Distribution : India : Meghalaya, Sikkim (3,900 ft.).

Elsewhere : Bhutan, Myanmar.

848. *Cryptaustenia verrucosa* (Godwin-Austen)

1876. *Helicarion (Hoplites) verrucosa* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 313.
 2000. *Cryptaustenia verrucosa* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 33.
 1908. *Cryptaustenia verrucosa* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 183, fig. 64A.
 2002. *Cryptaustenia verrucosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India Assam (Toruputu peak, 4000 ft.).

Found on decaying wood in damp places (Godwin-Austen, 1876).

849. *Cryptaustenia zemoensis* (Godwin-Austen)

1907. *Austenia zemoensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 171, pl. 107, figs. 4-9.
 2000. *Cryptaustenia zemoensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 33.
 2003. *Cryptaustenia zemoensis* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 138, Zool. Surv. India.

Distribution : India : Sikkim.

So far not known outside Sikkim. Original report of the species Godwin-Austen (1907) and subsequent collection and report by Dey *et al.*, (2003).

Genus *Cryptogirasia* Cockerell, 1891850. *Cryptogirasia rubra* (Godwin-Austen)

1875. *Parmarion rubra* Godwin-Austen, *J. Asiat. Soc. Beng.*, (2) : 6, pl. 2, figs. 4-4c.
 1880. *Girasia rubra* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 228, pl. 59, figs. 4, 4a-4d.
 1908. *Cryptogirasia rubra* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 204, fig. 64D.
 2000. *Cryptogirasia rubra* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 33.
 2002. *Cryptogirasia rubra* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Nagaland.

Animal of fine orange-pink colour with greyish underside of foot and three greenish bands on the back of neck.

Genus *Dihangia* Godwin-Austen, 1916851. *Dihangia koboensis* Godwin-Austen

1916. *Dihangia koboensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 552, pl. 45, figs. 7-11.
 2000. *Dihangia koboensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 33.

Distribution : India : Arunachal Pradesh.

Genus *Mariaella* Gray, 1855852. *Mariaella beddomei* (Godwin-Austen)

1888. *Girasia (Dekhania) beddomei* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 243, pl. 58, figs. 1-1b, 2-2b; pl. 62, figs. 7-7a.
 1908. *Mariaella beddomei* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 206, fig. 71D.
 2002. *Mariaella beddomei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Kerela (Travancore Hills).

Colouration varies between uniform Ochre to deep grey black or spotted. Much similar to the other species differing mainly in size and also in anatomy.

853. *Mariaella dussumieri* Gray

1855. *Mariaella dussumieri* Gray, *Cat. Pulm. Brit. Mus.*, p. 63.
 1899. *Mariaella dussumieri* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 113, pl. 93, figs. 1-1c, 2-2c.
 1908. *Mariaella dussumieri* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 205, fig. 71A-71C.

Distribution : India : Karnataka, Kerala, Maharashtra, Tamil Nadu (Western Ghats)

Elsewhere : Sri Lanka.

Colouration of the animal varies between yellowish brown, olivaceous and black.

Subfamily MACROCHLAMYDINAE

Genus *Macrochlamys* Benson, 1832

854. *Macrochlamys albulus* Godwin-Austen

1916. *Macrochlamys albulus* Godwin Austen, *Rec. Indian Mus.*, 8 : 587, pl. 53, figs. 8, 9.

2000. *Macrochlamys albulus* : Dey and Mitra *Rec. zool. Surv. India*, 98(2) : 33.

2002. *Macrochlamys albulus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.

Distribution : India : Arunachal Pradesh (Abor Hills).

855. *Macrochlamys anonae* Godwin-Austen

1883. *Macrochlamys anonae* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 91, pl. 14, fig. 8.

1908. *Macrochlamys anonae* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 302.

2002. *Macrochlamys anonae* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

Distribution : India : West Bengal.

“Found on Castaredapples” in Calcutta.

This species was tentatively included by Blanford and Godwin-Austen (1908) under *Macrochlamys* because of its uncertain generic affinity.

856. *Macrochlamys atoma* Blanford

1904. *Macrochlamys atoma* Blanford (Fairbank Ms.), *Proc. zool. Soc., Lond.*, 2 : 443, pl. 25, fig. 6.

1908. *Macrochlamys? atoma* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 140.

2002. *Macrochlamys atoma* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India Andhra Pradesh, Maharashtra.

“Commonly found among debris on the river banks” Tentatively included under *Macrochlamys* by Blanford and Godwin-Austen, 1908.

857. *Macrochlamys atricolor* (Godwin-Austen)

1875. *Helix (Nanina) atricolor* Godwin-Austen, *J. Asiat. Soc. Beng.*, 44(2) : 2, pl. 1, fig. 2.

1908. *Macrochlamys atricolor* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 99, fig. 44.

1995. *Macrochlamys atricolor* Subba Rao, Mitra, Dey and Maitra. *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 73, pl. 16, figs. 1, 2, Zool. Surv. India.

2000. *Macrochlamys atricolor* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 33.
 2004. *Macrochlamys atricolor* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 253, figs. 213, 214.
 2005. *Macrochlamys atricolor* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, **104**(3-4) : 9, pl. 2, fig. 6.

Distribution : India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Nagaland.

Elsewhere : Myanmar.

Shell rather large and thick, yellowish, almost smooth and polished.

858. *Macrochlamys aulopis* (Benson)

1863. *Helix aulopis* Benson, *Ann. Mus. nat. Hist.*, (3)11 : 318.
 1876. *Helix aulopis* : Hanley and Theobald, *Conch. Indica*, pl. 30, figs. 8, 9.
 1908. *Macrochlamys aulopis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 128.
 1991. *Macrochlamys aulopis* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 57, pl. 8, fig. 3.
 2002. *Macrochlamys aulopis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.
 2004. *Macrochlamys aulopis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 254, figs. 215, 216.

Distribution : India : Andaman and Nicobar Islands.

Distinct for its depressedly conical shape with a keeled periphery. Though considered as 'not common' by Blanford and Godwin-Austen (1908), judging by the material present in National Zoological Collections of Zoological Survey of India; it seems to be a fairly abundant species in both the group of Islands.

859. *Macrochlamys bapuensis* Godwin-Austen

1916. *Macrochlamys bapuensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 583, pl. 51, figs. 1, 1a.
 2000. *Macrochlamys bapuensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 33.
 2002. *Macrochlamys bapuensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.

Distribution : India : Arunachal Pradesh (Abor Hills),

860. *Macrochlamys battimalvensis* Godwin-Austen

1888. *Macrochlamys battimalvensis* Godwin-Austen (Nevill Ms.); *Ann. Mag. nat. Hist.*, (6)2 : 58.
 1908. *Macrochlamys battimalvensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 129.
 2002. *Macrochlamys battimalvensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Nicobar Islands.

Known by its 'type', a single immature shell.

861 *Macrochlamys beata* Godwin-Austen

1899. *Macrochlamys beata* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 156, pl. 108, figs. 1-1b.
 1908. *Macrochlamys beata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 107.
 2000. *Macrochlamys beata* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.
 2002. *Macrochlamys beata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Arunachal Pradesh (6000 ft.).

862. *Macrochlamys bilineata* Godwin-Austen

1876. *Macrochlamys bilineata* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45(2)** : 311, pl. 8, fig. 9.
 1908. *Macrochlamys bilineata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 103.
 2000. *Macrochlamys bilineata* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.
 2002. *Macrochlamys bilineata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Arunachal Pradesh (4000 ft.).

Abundant among fallen leaves of the forest.

863. *Macrochlamys burkilli* Godwin-Austen

1916. *Macrochlamys burkilli* Godwin-Austen, *Rec. Indian Mus.*, **8** : 586, pl. 51, figs. 13, 13a; pl. 54, figs. 8, 9.
 2000. *Macrochlamys burkilli* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 33.
 2002. *Macrochlamys burkilli* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Assam.

864. *Macrochlamys cacharica* (Godwin-Austen)

1883. *Macrochlamys cacharica* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 177, pl. 27, fig. 2.
 1908. *Macrochlamys cacharica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca. **1** : 104, fig. 45.
 2000. *Macrochlamys cacharica* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
 2002. *Macrochlamys cacharica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Manipur.

A variety, *M. cacharica* var. *glauca* (paler in colour and larger) was named by Godwin-Austen from Dafla Hills.

865. *Macrochlamys castaneo-labiata* Godwin-Austen

1883. *Macrochlamys castaneo-labiata* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 119, pl. 29, figs. 1-2.

1908. *Macrochlamys castaneo-labiata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 101, fig. 45B.
1995. *Macrochlamys castaneo-labiata* : Subba Rao, Mitra, Dey and Maitra. *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 73, fig. 16, figs. 3, 4, Zool. Surv. India.
2000. *Macrochlamys castaneo-labiata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys castaneo-labiata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Assam, Manipur, Meghalaya, Nagaland.

Peristome distinctly labiate inside.

866. *Macrochlamys choinix* (Benson)

1861. *Helix choinix* Benson, *Ann. Mag. nat. Hist.*, (3)7 : 83.
1883. *Macrochlamys choinix* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 120, pl. 22, figs. 6, 6a.
1908. *Macrochlamys choinix* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 124.
1991. *Macrochlamys choinix* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 54, pl. 6, figs. 10, 11.
2002. *Macrochlamys choinix* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6.

Distribution : India : Andaman Islands.

Distinct for its almost flattened spire and very broad last whorl.

867. *Macrochlamys consepta* (Benson)

1860. *Helix consepta* Benson, *Ann. Mag. nat. Hist.*, (3)6 : 190.
1888. *Macrochlamys consepta* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 209, pl. 53, fig. 1.
1908. *Macrochlamys consepta* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 115, fig. 47.
1995. *Macrochlamys consepta* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 73, pl. 16, figs. 5, 6, Zool. Surv. India.

Distribution : India : Meghalaya.

Elsewhere : Myanmar.

Distinguished by its whitish, smooth, polished shell, flattened spire with a slightly raised apex. Blanford and Godwin-Austen (1908) expressed doubt about its generic relations.

868. *Macrochlamys dalingensis* (Godwin-Austen)

1883. *Macrochlamys dalingensis* Godwin-Austen. *Land and Freshwater Moll. India*, 1 : 121, pl. 35, figs. 1, 1a.

1901. *Macrochlamys dalingensis* : Blanford, *Proc. malac. Soc.*, Lond., 4 : 180.
 1908. *Macrochlamys dalingensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 83.
 2000. *Macrochlamys dalingensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.

Distribution : India : Sikkim (5000 ft.).

Elsewhere : Bhutan (6000 ft.).

869. *Macrochlamys darjilingensis* (Godwin-Austen)

1883. *Macrochlamys darjilingensis* Godwin-Austen (Nevill Ms.), *Land and Freshwater Moll. India*, 1 : 88, pl. 17, fig. 11.
 1908. *Macrochlamys darjilingensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
 2002. *Macrochlamys darjilingensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.

Distribution : India : West Bengal (Darjeeling).

Distinct for its minute, imperforate shell.

870. *Macrochlamys decussata* (Benson)

1836. *Nanina decussata* Benson, *J. Asiat. Soc. Beng.*, 5 : 330.
 1908. *Macrochlamys decussata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 102.
 1995. *Macrochlamys decussata* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 74, pl. 17, figs. 1, 2, *Zool. Surv. India*.
 2000. *Macrochlamys decussata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
 2002. *Macrochlamys decussata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27, pl. 9, figs. 1, 2.
 2003. *Macrochlamys decussata* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(Part 5) : 140, *Zool. Surv. India*.

Distribution : India : Meghalaya, Sikkim.

Elsewhere : Bangladesh.

With fine, microscopic decussating sculpture.

871. *Macrochlamys dikrangensis* Godwin-Austen

1910. *Macrochlamys dikrangensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 267, pl. 131, fig. 5.
 1985. *Macrochlamys dikrangensis* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, 82(1-4) : 268.

Distribution : India : Arunachal Pradesh.

872. *Macrochlamys dorani* Godwin-Austen

1883. *Macrochlamys dorani* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 87, pl. 17, fig. 8.

1908. *Macrochlamys dorani* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 113.
2000. *Macrochlamys dorani* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys dorani* : Ramakrishna and Mitra. *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Meghalaya (Khasi Hills).

Blanford and Godwin-Austen (1908) remarked the species may belong to *Microcystina*. Since the type is not available for study, it is retained under *Macrochlamys*.

873. *Macrochlamys enata* Godwin-Austen

1888. *Macrochlamys enata* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 90, pl. 14, fig. 11.

Distribution : India : Nagaland (Lhota Naga Hills).

874. *Macrochlamys extraria* Godwin-Austen

1910. *Macrochlamys extraria* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 252, pl. 120, figs. 13, 13a.
1995. *Macrochlamys extraria* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 74, pl. 17, figs. 3, 4, *Zool. Surv. India*.

Distribution : India : Meghalaya.

875. *Macrochlamys exul* (Theobald)

1864. *Helix exul* Theobald, *J. Asiat. Soc. Beng.*, 32 : 245.
1883. *Macrochlamys exul* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 103, pl. 22, fig. 3.
1908. *Macrochlamys exul* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 125, fig. 49.
1991. *Macrochlamys exul* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 55, pl. 8, fig. 4.
2002. *Macrochlamys exul* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6.

Distribution : India : Andaman Islands.

Young shells are more depressed and distinctly angulate at the periphery.

876. *Macrochlamys faceta* Godwin-Austen

1888. *Macrochlamys faceta* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 90, pl. 14, fig. 7.

Distribution : India : Arunachal Pradesh (Dafla Hills).

877. *Macrochlamys fordiana* (Godwin-Austen)

1888. *Macrochlamys fordiana* Godwin-Austen., (Nevill Ms.), *Ann. Mag. nat. Hist.*, (6)2 : 56.

1908. *Macrochlamys fordiana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 128.
 1991. *Macrochlamys fordianas* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 58.
 2002. *Macrochlamys fordianas* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Andaman Islands.

Distinguished by its rugose sculpture above.

878. *Macrochlamys fragilis* (Huton)

1838. *Nanina fragilis* Hutton, *J. Asiat. Soc. Beng.*, : 216.
 1848. *Helix (Nanina) fragilis* : Benson, *Ann. Mag. nat. Hist.*, (1)**2** : 163.
 1908. *Macrochlamys fragilis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 130.
 2002. *Macrochlamys fragilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 44.

Distribution : India : "Neemuch" in Central India" (Madhya Pradesh).

Original specimens were found crawling on 'Drak' or 'Palas' (*Butea frondosa*). Only endemic species of *Macrochlamys* recorded from this part of the country.

879. *Macrochlamys fragosus* Godwin-Austen

1899. *Macrochlamys fragosus* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 161, pl. 109, fig. 4.
 1908. *Macrochlamys fragosus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 108.
 2000. *Macrochlamys fragosus* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 34.
 2002. *Macrochlamys fragosus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Arunachal Pradesh (Dafla Hills).

880. *Macrochlamys ganjamensis* Godwin-Austen

1910. *Macrochlamys ganjamensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2**(10) : 268, pl. 123, figs. 4,5.
 1989. *Macrochlamys ganjamensis* : Subba Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, **1** : 271, fig. 6D, *Zool. Surv. India*.
 2002. *Macrochlamys ganjamensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 43.

Distribution : India : Orissa.

881. *Macrochlamys glauca* (Pfeiffer)

1846. *Helix glauca* Pfeiffer (Benson Ms.), *Symb.*, **3** : 65.
 1908. *Macrochlamys glauca* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 80.
 2000. *Macrochlamys glauca* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 34.

2002. *Macrochlamys glauca* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.
2004. *Macrochlamys glauca* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 254, fig. 217.
2005. *Macrochlamys glauca* : Surya Rao and Mitra, *Fauna of Western Himalaya* (part 2) Himachal Pradesh : 49.

Distribution : India : Himachal Pradesh, Uttarakhand (above 10,000 ft.).

Distinct for its conoid shape, rounded periphery and narrow perforation. A snail of this species was noticed by N. Annandale at Bhim-Tal, to hang by a thread of slime about 15 feet long attached to its extremity of foot (Blanford and Godwin-Austen, 1908).

882. *Macrochlamys godwini* Tryon

1886. *Macrochlamys godwini* Tryon, *Man. Conch. ser. 2, Pulmonata*. 2 : 101.
1908. *Macrochlamys godwini* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 106.
2000. *Macrochlamys godwini* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys godwini* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27.

Distribution : India : Assam.

Thin, smooth, transparent shell with a low spire. Animal 'dusky green'

883. *Macrochlamys hardwickii* Godwin-Austen

1883. *Macrochlamys hardwickii* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 105-107, pl. 23, figs. 1-4.
1908. *Macrochlamys hardwickii* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 97.
2002. *Macrochlamys hardwickii* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.

Distribution : India : Assam, West Bengal.

Elsewhere : Bangladesh.

Blanford and Godwin-Austen (1908) remarked typical shells were available at Calcutta and could be distinguished from *M. indica* by their finer sculpture. Shells from Assam were larger and flatter and were separated as var. *politula*.

884. *Macrochlamys hebescens* (Blanford)

1866. *Nanina (Macrochlamys) hebescens* Blanford *J. Asiat. Soc. Beng.*, : 34.
1876. *Helix hebescens* : Hanley and Theobald, *Conch. Indica*, pl. 149, fig. 1.
1908. *Macrochlamys hebescens* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 131.
2002. *Macrochlamys hebescens* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.

Distribution : India : Andhra Pradesh, Orissa.

885. *Macrochlamys hengdanensis* Godwin-Austen

1899. *Macrochlamys hengdanensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 158, pl. 108, figs. 4-4b.
1908. *Macrochlamys hengdanensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 108.
2000. *Macrochlamys hengdanensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys hengdanensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27.

Distribution : India : Assam (North Cachar Hills).

886. *Macrochlamys hepatizon* (Benson)

1836. *Nanina hepatizon* Benson, *J. Asiat. Soc. Beng.*, 5 : 330.
1908. *Macrochlamys hepatizon* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 102.
2000. *Macrochlamys hepatizon* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys hepatizon* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 46.

Distribution : India : Assam, Arunachal Pradesh, Meghalaya.

Resembles with *M. consepta* from Meghalaya, distinguished by its smaller size, yellowish brown colouration (*M. consepta* is whitish) and also by its less number of whorls.

887. *Macrochlamys hippocastanum* Godwin-Austen

1918. *Macrochlamys hippocastanum* Godwin-Austen, *Rec. Indian Mus.*, 8 : 584, pl. 51, figs. 3, 3a.
2000. *Macrochlamys hippocastanum* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys hippocastanum* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.

Distribution : India : Arunachal Pradesh (Abor Hills).

888. *Macrochlamys hodgsoni* (Benson)

1859. *Helix hodgsoni* Benson (Blanford Ms.), *Ann. Mag. nat. Hist.*, (3)3 : 267.
1907. *Macrochlamys hodgsoni* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 159, pl. 109, figs. 1, 1a, 2, 2d.
1908. *Macrochlamys hodgsoni* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 85.
1992. *Macrochlamys hodgsoni* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 101, Zool. Surv. India.
2000. *Macrochlamys hodgsoni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys hodgsoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 26.

Distribution : India : Sikkim, West Bengal (Darjeeling) (1000-10,000 ft.). Blanford and Godwin-Austen (1908) examined a large number of shells from Rechila Peak, thus the species must be occurring in Bhutan also.

889. *Macrochlamys hookeri* Godwin-Austen

1907. *Macrochlamys hookeri* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 163, pl. 109, figs. 10, 10a.
 1908. *Macrochlamys hookeri* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 109.
 2002. *Macrochlamys hookeri* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 34.

Distribution : India : Meghalaya (Cherrapunji)

Shell thin and nearly transparent.

890. *Macrochlamys indica* Godwin-Austen

1883. *Macrochlamys indica* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 76, 97, pl. 18, figs. 1-8; pl. 21, fig. 7; pl. 25, figs. 9, 16.
 1908. *Macrochlamys indica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 95, fig. 43.
 1979. *Macrochlamys indica* : Subba Rao and Mitra, *Rec. zool. Surv. India*, **75** : 15.
 1989. *Macrochlamys indica* : Subba Rao, Thakur and Mitra, *Fauna of Orissa, State Fauna Series*, **1** : 272, fig. 6E, Zool. Surv. India.
 1991. *Macrochlamys indica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 55, pl. 8, fig. 1.
 1992. *Macrochlamys indica* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 46, Zool. Surv. India.
 2000. *Macrochlamys indica* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, **7**(part 4) : 348, Zool. Surv. India.
 2004. *Macrochlamys indica* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 97, pl. 10, fig. 1, Zool. Surv. India.
 2004. *Macrochlamys indica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 255, figs. 218, 219, 220.
 2005. *Macrochlamys indica* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, **5**(part 5) : 237, Zool. Surv. India.

Distribution : India.

The commonest species of the genus widely and abundantly occurring throughout the country including the Andaman Islands, except the dry north-western parts. Also Bangladesh and Sri Lanka.

891. *Macrochlamys kempfi* Godwin-Austen

1883. *Macrochlamys kempfi* Godwin-Austen *Land and Freshwater Moll. India*, **1** : 86.
 2002. *Macrochlamys kempfi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Arunachal Pradesh.

892. *Macrochlamys koliaensis* Godwin-Austen

1883. *Macrochlamys koliaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 119, pl. 17, figs. 5, 5a.
1908. *Macrochlamys koliaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 111.
2000. *Macrochlamys koliaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
2002. *Macrochlamys koliaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Assam.

“On low hills near Brahmaputra valley” (Godwin-Austen 1883).

893. *Macrochlamys kuluensis* Blanford

1904. *Macrochlamys kuluensis* Blanford (Nevill Ms.), *Proc. zool. Soc., Lond.*, **2** : 442, pl. 25, fig. 5.
1908. *Macrochlamys kuluensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 81.
2000. *Macrochlamys kuluensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
2002. *Macrochlamys kuluensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.
2005. *Macrochlamys kuluensis* : Surya Rao and Mitra, *Fauna of Western Himalaya (part-2) Himachal Pradesh*, p. 49.

Distribution : India : Himachal Pradesh.

Differs from *M. glauca* and *M. nuda*, the other species from Western Himalaya by being more openly perforate.

M. kumalensis Theobald and Stoliczka was recorded from Dafla Hills and also Borpani with doubt. Blanford and Godwin-Austen (1908) say “these are different species.” *M. kumahensis* Nevill is not included by Blanford and Godwin-Austen (1908).

894. *Macrochlamys lahupaensis* Godwin-Austen

1907. *Macrochlamys lahupaensis* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 159.
1908. *Macrochlamys lahupaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 109.
2000. *Macrochlamys lahupaensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
2004. *Macrochlamys lahupaensis* : Surya Rao, Mookherjee, Mitra, Manna and Barua. *Fauna of Manipur, State Fauna Series*, **10(part 3)** : 97, pl. 10, fig. 4, Zool. Surv. India.

Distribution : India : Manipur, Nagaland.

Finely sculptured, minutely perforate, conoid with wide aperture.

895. *Macrochlamys latus* Godwin-Austen

1886. *Macrochlamys latus* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 209, pl. 53, fig. 2.

1908. *Macrochlamys lata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 102.
1995. *Macrochlamys lata* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 74, pl. 17, figs. 5, 6, Zool. Surv. India.
2002. *Macrochlamys lata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27, pl. 9, figs. 3, 4.

Distribution : India : Meghalaya.

896. *Macrochlamys lecythis* (Benson)

1852. *Helix lecythis* Benson, *Ann. Mag. nat. Hist.*, (2)9 : 406.
1876. *Helix lecythis* : Hanley and Theobald, *Conch. Indica*, pl. 63, figs. 8, 9.
1908. *Macrochlamys lecythis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 98.
2002. *Macrochlamys lecythis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

Distribution : India : Jharkhand (Rajmahal Hills).

Typical shells are thin, smooth-polished. As Blanford and Godwin-Austen (1908) discussed there is confusion about its occurrence in Assam and also its relationship with *M. subjecta* and *M. vesicula*.

897. *Macrochlamys lhotaensis* Godwin-Austen

1883. *Macrochlamys lhotaensis* Godwin Austen, *Land and Freshwater Moll. India*, 1 : 107, pl. 23, fig. 5.
1908. *Macrochlamys lhotaensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 103.
2000. *Macrochlamys lhotaensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys lhotaensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27.

Distribution : India : Nagaland.

Nearer to *M. decussata*, last whorl distinctly broader. Type is based on an immature shell (Blanford and Godwin-Austen 1908).

898. *Macrochlamys lixa* (Blanford)

1866. *Nanina (Macrochlamys?) lixa* Blanford, *J. Asiat. Soc. Beng.* (new ser.), 131(2) : 35.
1876. *Helix lixa* : Hanley and Theobald, *Conch. Indica*, pl. 148, figs. 5, 6.
1908. *Macrochlamys lixa* : Blanford and Godwin-Austen, *Fauna Brit India*, Mollusca, 1 : 131.
2002. *Macrochlamys lixa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

Distribution : India : Orissa.

899. *Macrochlamys longicauda* Godwin-Austen

1883. *Macrochlamys longicauda* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 84, pl. 17, figs. 1, 2, 2a.

1908. *Macrochlamys longicauda* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 112.
 2000. *Macrochlamys longicauda* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
 2002. *Macrochlamys longicauda* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution India : Meghalaya.

900. *Macrochlamys lubrica* (Benson)

1852. *Helix lubrica* Benson, *Ann. Mag. nat. Hist.*, (2)**10** : 349.
 1908. *Macrochlamys lubrica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 89.
 1992. *Macrochlamys lubrica* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3(part 9)** : 102, Zool. Surv. India.
 1995. *Macrochlamys lubrica* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4(part 8)** : 75, pl. 18, figs. 1, 2, Zool. Surv. India.
 2000. *Macrochlamys lubrica* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
 2002. *Macrochlamys lubrica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37, pl. 10, figs. 1, 3.
 2004. *Macrochlamys lubrica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 256, figs. 221, 222.
 2007. *Macrochlamys lubrica* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** ; 121, Zool. Surv. India.

Distribution : India : Meghalaya, Sikkim (4000-7000 ft.), West Bengal (Darjeeling).

Distinct for its shining, lusturous rather large shell with a broad last whorl.

901. *Macrochlamys luyorensis* Godwin-Austen

1918. *Macrochlamys luyorensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 587, pl. 51, figs. 11, 11a.
 2000. *Macrochlamys luyorensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
 2002. *Macrochlamys luyorensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37

Distribution : Arunachal Pradesh (Abor Hills).

902. *Macrochlamys mahadeoensis* Godwin-Austen

1899. *Macrochlamys mahadeoensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 157, pl. 108, figs. 3-3b.
 1908. *Macrochlamys mahadeoensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 108.
 2000. *Macrochlamys mahadeoensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 34.
 2002. *Macrochlamys mahadeoensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Assam (Burrail Range).

Shell small, nearly smooth, almost imperforate with only 4 whorls.

903. *Macrochlamys molecula* (Benson)

1859. *Helix molecula* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 389.
1908. *Macrochlamys ? molecula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 122.
1995. *Macrochlamys molecula* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 75, pl. 18. fig. 3, 6, Zool. Surv. India.
2002. *Macrochlamys molecula* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2003. *Macrochlamys molecula* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 140, Zool. Surv. India.
2007. *Macrochlamys molecula* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 122, Zool. Surv. India.

Distribution : India : Maghalaya, Mizoram, Sikkim.

Elsewhere : Myanmar, Thailand.

One of the smallest species of *Macrochlamys*.

904. *Macrochlamys munipurensis* Godwin-Austen

1899. *Macrochlamys munipurensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 158.
1908. *Macrochlamys munipurensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 107.
2000. *Macrochlamys munipurensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 34.
2002. *Macrochlamys munipurensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27.

Distribution : India : Manipur Hills.

Shell small, very globose and conoid.

905. *Macrochlamys murdochi* Godwin-Austen

1916. *Macrochlamys murdochi* Godwin-Austen, *Rec. Indian Mus.*, 8 : 587.
2000. *Macrochlamys murdochi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
2002. *Macrochlamys murdochi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.

Distribution India : Arunachal Pradesh. (Abor Hills).

906. *Macrochlamys neherensis* (Benson)

1864. *Helix neherensis* Benson, *Ann. Mag. nat. Hist.*, (3)13 : 210.
1876. *Helix neherensis* : Hanley and Theobald, *Conch. Indica*, pl. 32, figs. 5, 6.
1908. *Macrochlamys neherensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 139.
2002. *Macrochlamys neherensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Maharashtra (Khandala, Mahabaleshwar)

Shell very small with decussating sculpture.

907. *Macrochlamys nengloensis* Godwin-Austen

1883. *Macrochlamys nengloensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 86, pl. 17, figs. 3, 5.
1908. *Macrochlamys nengloensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 111.
2000. *Macrochlamys nengloensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
2002. *Macrochlamys nengloensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27.

Distribution : India : Manipur, Nagaland.

Very close to *M. longicauda*, slightly smaller and smooth.

908. *Macrochlamys nuda* (Pfeiffer)

1852. *Helix nuda* Pfeiffer, *Proc. zool. Soc., Lond.*, 1852 : 83.
1876. *Helix nuda* : Hanley and Theobald, *Conch. Indica*, pl. 31, figs. 7, 10.
1908. *Macrochlamys nuda* : Blanford and Godwin-Austen, *Fauna Brit. Indica*, Mollusca, 1 : 81.
2000. *Macrochlamys nuda* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
2002. *Macrochlamys nuda* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.
2005. *Macrochlamys nuda* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2, Himachal Pradesh : 49.

Distribution : India : Himachal Pradesh, Uttar Pradesh / Uttarakhand (Kumaun, Mussouri).

Shell conoid very similar to that of *M. glauca*, also from the Western Himalaya as Blanford and Godwin-Austen (1908) suggested both may be same.

909. *Macrochlamys opipara* Godwin-Austen

1907. *Macrochlamys opipara* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 155, pl. 23, figs. 6, 6a.
1908. *Macrochlamys opipara* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 84.
1992. *Macrochlamys opipara* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 102, Zool. Surv. India.
2000. *Macrochlamys opipara* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
2002. *Macrochlamys opipara* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.
2003. *Macrochlamys opipara* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 141, Zool. Surv. India.

Distribution : India : Sikkim, West Bengal (Darjeeling) (4000-10,000 ft.).

Distinct for its large, thick, yellowish-chestnut, smooth shell, peristome labiate a little distance inside aperture. In adult form shell is "one of the handsomest shell in the genus" (Blanford and Godwin-Austen, 1908).

910. *Macrochlamys originaria* Godwin-Austen

1883. *Macrochlamys originaria* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 91, pl. 14, fig. 12.
 1908. *Macrochlamys originaria* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 113.
 2000. *Macrochlamys originaria* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
 2002. *Macrochlamys originaria* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Arunachal Pradesh (Dafla Hills), Manipur.

911. *Macrochlamys pacata* Godwin-Austen

1883. *Macrochlamys pacata* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 90, pl. 14, fig. 10.
 1908. *Macrochlamys pacata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 114.
 2000. *Macrochlamys pacata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
 2002. *Macrochlamys pacata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Nagaland (Lhota Naga Hills).

Description based on a single immature shell (Blanford and Godwin-Austen, 1908).

912. *Macrochlamys patane* (Benson)

1859. *Helix patane* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 270.
 1888. *Macrochlamys patane* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 211, pl. 53, fig. 5.
 1908. *Macrochlamys patane* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 89.
 2000. *Macrochlamys patane* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
 2002. *Macrochlamys patane* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.
 2003. *Macrochlamys patane* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 141; *Zool. Surv. India*.

Distribution : India : West Bengal (Darjeeling), Sikkim.

Distinct for its narrow whorls and rough sculpture.

913. *Macrochlamys pedina* (Benson)

1865. *Helix pedina* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 13.
 1898. *Macrochlamys pedina* : Godwin-Austen, *Land and Freshwater Moll. India*, 1, pl. 21, fig. 3.
 1908. *Macrochlamys pedina* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 132.
 2002. *Macrochlamys pedina* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.
 2004. *Macrochlamys pedina* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 257, figs. 223, 224.

Distribution : India : Gujarat, Maharashtra, Karnataka (South Canara).

Distinct for its large size (largest among the Peninsular Indian species) rather thin shell, subangular above the periphery.

914. *Macrochlamys perfragilis* Godwin-Austen

1907. *Macrochlamys perfragilis* Godwin-Austen (Nevill Ms.), *Land and Freshwater Moll. India*, **2** : 161, pl. 109, fig. 5.

1908. *Macrochlamys* ? *perfragilis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 90.

2000. *Macrochlamys perfragilis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.

2002. *Macrochlamys perfragilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.

Distribution : India : Sikkim.

Material could not be examined, from the descriptions given by Blanford Godwin-Austen(1908)—“thin membranaceous, scarcely perforate shell with only 4½, globse whorls and shallow sutures.” It seems to be nearer to *Cryptaustenia*.

915. *Macrochlamys perinconspicua* Godwin-Austen

1888. *Macrochlamys perinconspicua* Godwin-Austen, (Nevill Ms.), *Ann. Mag. nat. Hist.*, (6)**2** : 57.

1908. *Macrochlamys perinconspicua* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 129.

2002. *Macrochlamys perinconspicua* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Andaman Islands.

Blanford and Godwin-Austen (1908) expressed doubt about the species being a *Macrochlamys*.

916. *Macrochlamys peringundensis* Beddome

1891. *Macrochlamys peringundensis* Beddome, *Proc. zool. Soc.*, Lond., **1891** : 313, pl. 29, figs. 13, 14.

1908. *Macrochlamys peringundensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 138.

2002. *Macrochlamys peringundensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : India : Tamil Nadu (Annamalai, 5000 ft.).

Shell moderately large, thin, conspicuously ribbed above.

917. *Macrochlamys perpaula* Benson

1859. *Helix perpaula* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 390.

1882. *Macrochlamys perpaula* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 89, pl. 14, fig. 5.

1908. *Macrochlamys ? perpaula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 123.
 2003. *Macrochlamys., perpaula* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 141, Zool. Surv. India.

Distribution : India : Bihar, Jharkhand (Pareshnath), Sikkim, West Bengal (Darjeeling).

Elsewhere : Myanmar.

Perhaps the smallest species of the genus. Based on a single shell present in National Zoological Collections, Zoological Survey of India. it was recorded from Sikkim. Blanford and Godwin-Austen (1908) expressed doubt over its occurrence in Darjeeling and Pareshnath as recorded by Nevill (1878).

918. *Macrochlamys perplana* Godwin-Austen

1883. *Macrochlamys perplana* Godwin-Austen (Nevill Ms.), *Land and Freshwater Moll. India*, 1 : 94, pl. 19, fig. 4.
 1883. *Macrochlamys jainiana* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 111, pl. 26, figs. 7; pl. 28, figs. 2-2e.
 1908. *Macrochlamys perplana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 99.
 2002. *Macrochlamys perplana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.
 2004. *Macrochlamys perplana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 258, fig. 225.
 2005. *Macrochlamys perplana* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 238, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Bihar, Jharkhand (Pareshnath), Orissa, West Bengal.

Shell much depressed with a flat spire, openly perforate, smooth.

919. *Macrochlamys perrotteti* (Pfeiffer)

1851. *Helix perrotteti* Pfeiffer, *Zeits. Malac.*, p. 13.
 1908. *Macrochlamys ? perrotteti* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 136.
 2002. *Macrochlamys perrotteti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.
 2005. *Macrochlamys perrotteti* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(part 5) : 238, Zool. Surv. India.

Distribution India : Andhra Pradesh, Tamil Nadu (Nilgiris-4000-5000 ft.).

920. *Macrochlamys petasus* (Benson)

1859. *Helix petasus* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 388.
 1908. *Macrochlamys ? petasus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 115.
 1979. *Macrochlamys petasus* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 16.

1990. *Macrochlamys petasus* : Mitra and Dey, *Rec. zool. Surv. India*, **86**(1) : 58, pl. 5, figs. 4, 5.
1992. *Macrochlamys petasus* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 103, Zool. Surv. India.
1995. *Macrochlamys petasus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 7, pl. 18, figs. 2, 7, Zool. Surv. India.
2000. *Macrochlamys petasus* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, **7**(part 4) : 348, Zool. Surv. India.
2003. *Macrochlamys petasus* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 141, Zool. Surv. India.
2007. *Macrochlamys petasus* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 122, Zool. Surv. India.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Maharashtra, Tripura, West Bengal (Darjeeling).

Elsewhere : Myanmar.

Shells of this species are sometimes confused with these of other allied species from the same region. Blanford and Godwin-Austen (1908) expressed doubt about some of the recorded localities.

921. *Macrochlamys petrosa* (Hutton)

1834. *Helix petrosa* Hutton, *J. Asiat. Soc. Beng.*, **3** : 83.
1883. *Macrochlamys petrosa* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 96, 99, pl. 19, figs. 1, 1a; pl. 21, fig. 2; pl. 22, fig. 1.
1908. *Macrochlamys petrosa* : Blanford and Godwin-Austen, *Fauna of Brit. India, Mollusca*, **1** : 96.
1992. *Macrochlamys petrosa* : Mitra and Dey, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 47, Zool. Surv. India.
1995. *Macrochlamys petrosa* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 76, pl. 19, figs. 1, 2, Zool. Surv. India.
2002. *Macrochlamys petrosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 43.

Distribution India : Jharkhand (Rajmahal), Meghalaya, West Bengal.

Very similar to *M. indica*, though not so commonly occurring. Distinguished by latter more depressed shell and also being excavated around the umbilicus.

922. *Macrochlamys planiuscula* (Hutton)

1838. *Helix planiuscula* Hutton, *J. Asiat. Soc. Beng.*, **7** : 218.
1883. *Macrochlamys planiuscula* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 88, pl. 16, figs. 7, 70.
1908. *Macrochlamys ? planiuscula* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 302.

2000. *Macrochlamys planiuscula* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.
2002. *Macrochlamys planiuscula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.
2005. *Macrochlamys planiuscula* : Surya Rao and Mitra, *Fauna of Western Himalaya*, (part 2) Himachal Pradesh, p. 49.

Distribution : India : Himachal Pradesh, Uttarakhand.

Shell small, smooth without any sculpture.

923. *Macrochlamys plicifera* Blanford

1880. *Macrochlamys plicifera* Blanford, *J. Asiat. Soc. Beng.*, **49**(2) : 197.
1908. *Macrochlamys plicifera* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 110, fig. 46.
1995. *Macrochlamys plicifera* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 76, pl. 19, figs. 3, 4, *Zool. Surv. India*.
2000. *Macrochlamys plicifera* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.

Distribution : India : Assam, Meghalaya.

Shell strongly ribbed above, angulate at the periphery. Blanford and Godwin-Austen (1908) were not sure about presence of shell lobes in the species and hence were sceptical about its inclusion in *Macrochlamys*.

924. *Macrochlamys poongee* Theobald

1859. *Macrochlamys poongee* Theobald, *J. Asiat. Soc. Beng.*, **28** : 307.
1882. *Macrochlamys poongee* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 90, pl. 14, fig. 1.
1908. *Macrochlamys pungi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 122.
1991. *Macrochlamys pungi* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 56.
2000. *Macrochlamys pungi* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.
2005. *Macrochlamys pungi* : Surya Rao, Mookherjee, Mitra, Mauna and Barua, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 97, pl. 10, fig. 3, *Zool. Surv. India*.
2007. *Macrochlamys pungi* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 112, *Zool. Surv. India*.

Distribution : India : Andaman Islands, Manipur, Mizoram.

Shell rather small and conoid. Near to *M. molecula* but slightly larger in size.

925. *Macrochlamys prava* Blanford

1904. *Macrochlamys prava* : Blanford, *Proc. zool. Soc., Lond.*, **2** : 443, pl. 25, fig. 9.
1908. *Macrochlamys prava* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 137, fig. 52.

Distribution : India : Kerala, Tamil Nadu.

926. *Macrochlamys pseudaulopis* Godwin-Austen

1888. *Macrochlamys pseudaulopis* Godwin-Austen (Nevill Ms.), *Ann. Mag. nat. Hist.*, (6)2 : 56.
 1908. *Macrochlamys pseudaulopis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 12b
 1991. *Macrochlamys pseudaulopis* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 58, pl. 7, figs. 6, 7.
 2002. *Macrochlamys pseudaulopis* : Ramakrishna and Godwin-Austen, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6, pl. 6, fig. 3.

Distribution : India : Andaman Islands.

“Common on Mount Harriet, South Andamans.”

Whorls are a little more convex than in *M. aulopis*, angulation at the periphery less sharp.

927. *Macrochlamys pseudochoinix* Blanford

1904. *Macrochlamys pseudochoinix* Blanford, *Proc. zool. Soc.*, Lond., 2 : 446, pl. 25, fig. 10.
 1908. *Macrochlamys pseudochoinix* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 125.
 2002. *Macrochlamys pseudochoinix* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6.

Distribution : India : Great Cocos Island.

Differs from *M. choinix* being higher in spire and also being more strongly sculptured.

928. *Macrochlamys psittacinus* Godwin-Austen

1916. *Macrochlamys psittacinus* Godwin-Austen, *Rec. Indian Mus.*, 8 : 584, pl. 51, figs. 6, 6a.
 2000. *Macrochlamys psittacinus* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.
 2002. *Macrochlamys psittacinus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.

Distribution : India : Arunachal Pradesh (Abor Hills).

929. *Macrochlamys razamiensis* Godwin-Austen

1899. *Macrochlamys razamiensis* Godwin-Austen, *Land and Freshwaters Moll. India*, 2 : 157, pl. 108, figs. 2-2b.
 1908. *Macrochlamys razamiensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 109.
 2000. *Macrochlamys razamiensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.

Distribution : India : Nagaland (Naga Hills).

930. *Macrochlamys roberti* Godwin-Austen

1883. *Macrochlamys roberti* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 87, pl. 17, fig. 7.
 1908. *Macrochlamys roberti* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 112.

2000. *Macrochlamys roberti* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.

2002. *Macrochlamys roberti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Assam (Burrail range), Nagaland (6777 ft.).

Nearer to *M. koliaensis*, differs being perforate and higher in spire.

931. *Macrochlamys rorida* (Benson)

1859. *Helix rorida* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 266.

1908. *Macrochlamys rorida* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 94.

1992. *Macrochlamys rorida* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 103, *Zool. Surv. India*.

2000. *Macrochlamys rorida* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.

2002. *Macrochlamys rorida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.

2003. *Macrochlamys rorida* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 141, *Zool. Surv. India*.

2004. *Macrochlamys rorida* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 259, figs. 226, 227.

Distribution : India : Sikkim, West Bengal (Darjeeling, 7000-8000 ft.).

Shell very thin, smooth, polished, subglobose in form. Snails were seen creeping on shrubs (Blanford and Godwin-Austen, 1908).

932. *Macrochlamys rotungensis* Godwin-Austen

1916. *Macrochlamys rotungensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 584, pl. 51, figs. 7, 7a; pl. 54, figs. 6-7.

2000. *Macrochlamys rotungensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.

2002. *Macrochlamys rotungensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.

Distribution : India : Arunachal Pradesh (Abor Hills).

933. *Macrochlamys rubellocincta* Blanford

1870. *Nanina rubellocincta* Blanford, *J. Asiat. Soc. Beng.*, **29**(2) : 14, pl. 3, fig. 9.

1876. *Helix rubellocincta* : Hanley and Theobald, *Conch. Indica*, pl. 51, figs. 5, 6.

1908. *Macrochlamys rubellocincta* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 103.

2000. *Macrochlamys rubellocincta* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 35.

2002. *Macrochlamys rubellocincta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Meghalaya.

“Found only on Nummulitic limestone” (Blanford and Godwin-Austen, 1908)

934. *Macrochlamys rusticula* Godwin-Austen

1883. *Macrochlamys rusticula* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 87, pl. 17, fig. 10.
 1908. *Macrochlamys rusticula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 114.
 2000. *Macrochlamys rusticula* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 35.
 2002. *Macrochlamys rusticula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Meghalaya.

“The only specimen is probably immature” (Blanford and Godwin-Austen, 1908).

935. *Macrochlamys rutila* Blanford

1904. *Macrochlamys rutila* Blanford, *Proc. zool. Soc., Lond.*, **2** : 443, pl. 25, fig. 11.
 1908. *Macrochlamys rutila* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 135.
 2002. *Macrochlamys rutila* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : India : Tamil Nadu (Anaimalai Hills).

936. *Macrochlamys salmonea* (Ancey)

1882. *Nanina (Medyla) salmonea* Ancey, *Le Nat.*, **2** : 119.
 1908. *Macrochlamys salmonea* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 106.
 2000. *Macrochlamys salmonea* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 35.
 2002. *Macrochlamys salmonea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27.

Distribution : India : Assam.

937. *Macrochlamys sata* Godwin-Austen

1883. *Macrochlamys sata* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 91, pl. 14, fig. 13.
 1908. *Macrochlamys sata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 114.
 2000. *Macrochlamys sata* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 35.
 2002. *Macrochlamys sata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 47.

Distribution : India : Arunachal Pradesh (Dafla Hills) (6706 and 7322 ft.).

Shell very small, depressed, imperforate.

938. *Macrochlamys sequax* (Benson)

1859. *Helix sequax* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 270.
 1908. *Macrochlamys sequax* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 86.

1992. *Macrochlamys sequax* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 103, Zool. Surv. India.
1995. *Macrochlamys sequax* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 76, pl. 19, figs. 5, 6, Zool. Surv. India.
2000. *Macrochlamys sequax* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
2000. *Macrochlamys sequax* : Mookherjee, Thakur, Mitra and Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 348, Zool. Surv. India.
2002. *Macrochlamys sequax* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.
2003. *Macrochlamys sequax* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 141, Zool. Surv. India.
2007. *Macrochlamys sequax* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 122, Zool. Surv. India.

Distribution : India : Meghalaya, Mizoram, Sikkim, Tripura, West Bengal (Darjeeling, 4000-5000 ft.).

Abundantly and widely occurring in whole of North-east India. "Animal greenish on the neck, pinkish towards the extremity of foot"

939. *Macrochlamys sequius* Godwin-Austen

1907. *Macrochlamys sequius* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 168, pl. 109, fig. 7.
1908. *Macrochlamys sequius* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 88.
2000. *Macrochlamys sequius* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 35.

Distribution : India : West Bengal (Darjeeling).

Elsewhere : Bhutan.

Differs from *M. sequax* being more solid and more globose.

940. *Macrochlamys shimaugensis* Godwin-Austen

1916. *Macrochlamys shimaugensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 584, pl. 51, figs. 2, 2a.
2000. *Macrochlamys shimaugensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
2002. *Macrochlamys shimaugensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.

Distribution : India : Arunachal Pradesh (Abor Hills).

941. *Macrochlamys shisha* (Godwin-Austen)

1875. *Helix (Nanina) shisha* Godwin-Austen, *J. Asiat. Soc. Beng.*, 44(2) : 2, pl. 1, fig. 3.
1908. *Macrochlamys shisha* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 111.
2000. *Macrochlamys shisha* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.

2002. *Macrochlamys shisha* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 47.

Distribution : India : Meghalaya, Nagaland (2000 ft.) (Dikrang, Arunachal Pradesh).

“Collected from damp forests” Most of the collections except the ‘types’ were immature (Blanford and Godwin-Austen, 1908).

942. *Macrochlamys stephus* (Benson)

1861. *Helix stephus* Benson *Ann. Mag. nat. Hist.*, (3)7 : 84.

1908. *Macrochlamys stephus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 127.

1991. *Macrochlamys stephus* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **128** : 57, pl. 8, fig. 2.

2002. *Macrochlamys stephus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6, pl. 6, fig. 1.

2004. *Macrochlamys stephus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 259, fig. 228.

Distribution : India : Andaman Islands.

Distinct for its shining, polished, narrow whorls. Animal yellow with black tentacles.

943. *Macrochlamys subjecta* (Benson)

1852. *Helix subjecta* Benson, *Ann. Mag. nat. Hist.*, (2)9 : 407.

1876. *Helix subjecta* : Hanley and Theobald, *Conch. Indica*, pl. 64, figs. 1, 2, 3.

1908. *Macrochlamys subjecta* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 98.

2002. *Macrochlamys subjecta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 43.

Distribution : India : Jharkhand (Rajmahal Range), Orissa.

Very thin, smooth with an oily lustre, subglobose, last whorl broad.

944. *Macrochlamys sufflava* (Godwin-Austen)

1910. *Macrochlamys sufflava* Godwin-Austen, *Land and Freshwater Moll. India*, **2**(11) : 255, pl. 119, figs. 4, 5, 7 and 7a.

2004. *Macrochlamys sufflava* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 98, pl. 10, fig. 2, Zool. Surv. India.

Distribution : Assam, Manipur, Meghalaya, Nagaland.

945. *Macrochlamys superflua* Blanford

1904. *Macrochlamys superflua* Blanford, *Proc. zool. Soc.*, Lond., **2** : 442, pl. 25, fig. 7.

1907. *Macrochlamys superflua* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 162, pl. 109, fig. 6.

1908. *Macrochlamys superflua* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 88, fig. 41.
 1992. *Macrochlamys superflua* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 104, Zool. Surv. India.
 2000. *Macrochlamys superflua* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
 2002. *Macrochlamys superflua* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Sikkim (4000-5000 ft.), West Bengal (Jalpaiguri).

It somewhat resembles *M. sequax* and also young shells of *M. lubrica* but differs from both in sculpture and also by being more conoid.

946. *Macrochlamys tanirensis* Godwin-Austen

1883. *Macrochlamys tanirensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 87, pl. 17, fig. 9.
 1908. *Macrochlamys tanirensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 112.
 2000. *Macrochlamys tanirensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
 2002. *Macrochlamys tanirensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 36.

Distribution : India : Arunachal Pradesh (Abor Hill, 4,400 ft.).

947. *Macrochlamys tenuicula* H. Adams

1868. *Macrochlamys tenuicula* H. Adams, *Proc. zool. Soc., Lond.*, 1868 : 14, pl. 14, fig. 9.
 1880. *Macrochlamys tenuicula* : Blanford, *J. Asiat. Soc. Beng.*, : 196, pl. 2, fig. 8.
 1908. *Macrochlamys tenuicula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 130.
 1979. *Macrochlamys tenuicula* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 16.
 2002. *Macrochlamys tenuicula* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.
 2004. *Macrochlamys tenuicula* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series* 5(part 5) : 239, Zool. Surv. India.

Distribution : India : Andhra Pradesh, Gujarat, Maharashtra.

Shell thin, yellowish, polished, turbinate in shape.

948. *Macrochlamys terminus* Godwin-Austen

1899. *Macrochlamys terminus* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 134, 136, pl. 94, figs. 3, 3a.
 1908. *Macrochlamys terminus* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 106.
 1995. *Macrochlamys terminus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 77, pl. 20, figs. 1, 2, Zool. Surv. India.
 2000. *Macrochlamys terminus* : *Rec. zool. Surv. India*, 98(2) : 36.

2002. *Macrochlamys terminus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 27, pl. 13, fig. 3.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Nagaland.

949. *Macrochlamys tugurium* (Benson)

1852. *Helix tugurium* Benson, *Ann. Mag. nat. Hist.*, (2)**10** : 348.
1908. *Macrochlamys tugurium* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 81, fig. 40.
1992. *Macrochlamys tugurium* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 104, *Zool. Surv. India*.
2000. *Macrochlamys tugurium* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 36.
2002. *Macrochlamys tugurium* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36, pl. 7, fig. 1.
2003. *Macrochlamys tugurium* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*. **9**(part 5) : 142, *Zool. Surv. India*.
2004. *Macrochlamys tugurium* : Surya Rao, Mukherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 98, pl. 10, fig. 5, *Zool. Surv. India*.
2004. *Macrochlamys tugurium* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, *Zool. Surv. India*, p. 260, fig. 229.

Distribution : India : Manipur, Sikkim, West Bengal (Darjeeling 4000-7000 ft.)

Very distinct for its conical shape and coarse sculpture. Differs from *M. aulopsis* from the Andamans (also conical) being larger and also being coarsely sculptured. To some extent the shell resembles that of *Bensonia* but the animal has large shell lobes and have retained under *Macrochlamys*.

950. *Macrochlamys uda* Godwin-Austen

1899. *Macrochlamys uda* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 133, 136, pl. 94, fig. 1.
1908. *Macrochlamys uda* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 104.
2000. *Macrochlamys uda* : Dey and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 47, pl. 7, fig. 4.
2002. *Macrochlamys uda* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 47, pi. 7, fig. 4.
2004. *Macrochlamys uda* : Mitra, Dey and Ramakrishna, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 98, pl. 9, fig. 7, *Zool. Surv. India*.
2007. *Macrochlamys uda* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 123, *Zool. Surv. India*.

Distribution : India : Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland.

Shell small, depressed, much similar to that of *M. petasus*, differs in having a partially closed umbilicus and a slightly descending body whorl.

951. *Macrochlamys umbraticola* Godwin-Austen

1883. *Macrochlamys umbraticola* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 80, pl. 14, fig. 4, 4a.
1908. *Macrochlamys umbraticola* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 113.
2000. *Macrochlamys umbraticola* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
2002. *Macrochlamys umbraticola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : Assam, Nagaland (8376 ft.).

952. *Macrochlamys vesica* Godwin-Austen

1910. *Macrochlamys vesica* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 248, pl. 118, figs. 2-2c.
1985. *Macrochlamys vesica* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, 82(1-4) : 269.
1990. *Macrochlamys vesica* : Mitra and Dey, *Rec. zool. Surv. India*, 86(1) : 58, pl. 3, figs. 7, 8.
1995. *Macrochlamys vesica* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 77, pl. 20, figs. 3, 4, *Zool. Surv. India*.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Mizoram.

Elsewhere : Bangladesh.

In this species 'shells from different localities differ very much, which is apparent to eye, but not easy to define (Godwin-Austen, 1910).

953. *Macrochlamys vesicula* (Benson)

1838. *Nanina vesicula* Benson (Hutton Ms.), *J. Asiatic Soc. Beng.*, 7 : 216.
1876. *Helix vesicula* : Hanley and Theobald, *Conch. Indica*, pl. 63, figs. 5, 6.
1908. *Macrochlamys vesicula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 79.
2000. *Macrochlamys vesicula* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
2005. *Macrochlamys vesicula* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh), p. 49.

Distribution : India : Himachal Pradesh, Uttarakhand (1000 ft.).

Shell somewhat nearer to *M. lubrica* from the Eastern Himalaya, but slightly more high in the spire with more number of whorls.

954. *Macrochlamys zemoensis* Godwin-Austen

1907. *Macrochlamys zemoensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 164, pl. 100, figs. 1-16.
1908. *Macrochlamys zemoensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 93.

2000. *Macrochlamys zemoensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 36.

2002. *Macrochlamys zemoensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.

Distribution : India : Sikkim, Collected from Pine forest at 12000 ft.

Shell conoid, rather smooth, thin and fragile.

Subgenus *Euaustenia* Cockerell, 1891

955. *Macrochlamys (Euaustenia) cassida* (Hutton)

1838. *Vitrina cassida* Hutton, *J. Asiat. Soc. Beng.*, **7** : 214.

1888. *Helicarion stolicxkanus* Nevill, *York Miss.*, Moll., p. 15, figs. 19-21.

1908. *Euaustenia cassida* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 150, fig. 54.

2000. *Macrochlamys (Euaustenia) cassida* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 36.

2004. *Macrochlamys (Euaustenia) cassida* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 261, figs. 230, 231.

2005. *Euaustenia cassida* : Surya Rao and Mitra, *Fauna of Western Himalayas (part 2) (Himachal Pradesh)* : 49.

Distribution : Himachal Pradesh, Kashmir, Uttarakhand.

Shell large, depressedly ovate, imperforate thin and fragile, whorls rapidly increasing in size, last whorl large and broad.

956. *Macrochlamys (Euaustenia) gurhwalensis* (Godwin-Austen)

1899. *Austenia gurhwalensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 108, pl. 91, figs. i-1h.

1908. *Euaustenia gurhwalensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 151.

2000. *Macrochlamys (Euaustenia) gurhwalensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 36.

2002. *Euaustenia gurhwalensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Uttarakhand (Gurhwal).

Very similar to *M. (E.) cassida*, and may be just a variety. Sculpture is little more distinct and whorls are slightly narrower.

957. *Macrochlamys (Euaustenia) monticola* (Pfeiffer)

1848. *Vitrina monticola* Pfeiffer, *Proc. zool. Soc.*, Lond., **1848** : 107.

1859. *Vitrina scutella* Beuseu *Ann. Mag. Nat. Hist.*, **3(3)** : 188.

1908. *Euaustenia monticola* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 149.

2000. *Macrochlamys (Euaustenia) monticola* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 36.

2002. *Euaustenia monticola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

2004. *Macrochlamys (Euaustenia) monticola* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 262, fig. 232.

Distribution : Uttarakhand, Kashmir, Punjab.

Shell smaller, spire more depressed, sculpture more fine.

958. *Macrochlamys (Euaustenia) paurhiensis* (Godwin-Austen)

1899. *Austenia paurhiensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 109, pl. 91, figs. 2, 2c.
 1908. *Euaustenia paurhiensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 152.
 2000. *Macrochlamys (Euaustenia) paurhiensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 26.
 2002. *Euaustenia paurhiensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Uttarakhand (Garhwal).

May be young forms of *M (E) cassida* (Blanford and Godwin-Austen, 1908).

959. *Macrochlamys (Euaustenia) theobaldi* (Godwin-Austen)

1888. *Austenia theobaldi* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 236, pl. 52, figs. 5.
 1908. *Euaustenia theobaldi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 152.
 2000. *Macrochlamys (Euaustenia) theobaldi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
 2002. *Euaustenia theobaldi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.
 2004. *Macrochlamys (Euaustenia) theobaldi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 263, figs. 233, 234.
 2005. *Euaustenia theobaldi* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2 (Himachal Pradesh) : 49.

Distribution : India : Himachal Pradesh, Kashmir.

Also very similar to *M. (E.) cassida*, but more globose.

Subgenus *Parvatella* Blanford and Godwin-Austen, 1908

960. *Macrochlamys (Parvatella) altivaga* (Godwin-Austen)

1888. *Macrochlamys altivagus* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 213, pl. 54, fig. 2, 2a.
 1908. *Parvatella altivaga* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 148.
 2000. *Macrochlamys (Parvatella) altivaga* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 36.
 2002. *Macrochlamys (Parvatella) altivaga* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Kashmir, Punjab (Jhelum valley).

Shell thin, depressed, decussately sculptured, spire flat, whorls flat above, last whorl broad, thin columellar collous present.

961. *Macrochlamys (Parvatella) austeniana* (Nevill)

1878. *Helicarion austenianus* Nevill, *Yark. Mission, Moll.*, p. 14, figs. 22, 24.
1886. *Macrochlamys austenianus* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 215, pl. 54, figs. 4, 4a & 4b.
1908. *Parvatella austeniana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 148.
2000. *Macrochlamys (Parvatella) austeniana* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 36.
2002. *Macrochlamys (Parvatella) austeniana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.
2004. *Macroculamys (Parvatellk) austeniana* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 264.

Distribution : India : Kashmir, Punjab (Jhelum valley).

More globose from spire slightly raised, obliquely striate, last whorl descending in front.

962. *Macrochlamys (Parvatella) flemingi* (Pfeiffer)

1856. *Vitrina flemingi* Pfeiffer, *Proc. zool. Soc., Lond.*, **1854** : 324.
1888. *Macrochlamys flemingi* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 212, pl. 54, figs. 1-1e.
1908. *Parvatella flemingi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 147.
2000. *Macrochlamys (Parvatella) flemingi* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 36.
2002. *Macrochlamys (Parvatella) flemingi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Punjab (North Punjab, 10,000 ft.).

A little more depressed than *M. (P.) austeniana*, decussately sculptured, spiral striae faint.

963. *Macrochlamys (Parvatella) magnifica* (Reeve)

1862. *Vitrina magnifica* Reeve, *Conch. Icon.*, **13**, *Vitrina*, sp. no. 17. pl. 3, figs. 17a, b.
1908. *Parvatella magnifica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 147, fig. 53.
2000. *Macrochlamys (Parvatella) magnifica* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 36.
2002. *Macrochlamys (Parvatella) magnifica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37

Distribution : India, Punjab (Punjab Hills).

Nearer to *M. (P.) flemingi*, slightly smaller and a little more depressed.

Genus *Bapuia* Godwin-Austen, 1918

964. *Bapuia rengineensis* Godwin-Austen

1918. *Bapuia rengineensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 489, pl. 51, figs. 8, 8A.

2000. *Bapua rengineensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 36.
2002. *Bapua rengineensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 36.
2004. *Bapua rengineensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 265, fig. 235.

Distribution : India : Arunachal Pradesh (Bapu Peak, Abor Hill, 6290 ft.).

Shell very similar to that in *Macrochlamys*, body whorl proportionately more wide near the aperture. Godwin-Austen (1918) has described the differences. A monotypic genus with no subsequent report.

Genus *Bensonies* H.B. Baker, 1938

965. *Bensonies aborensis* (Godwin-Austen)

1918. *Bensonia aborensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 596, text-fig. 1.
2000. *Bensonies aborensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 36.
2002. *Bensonia aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution : India : Arunachal Pradesh.

966. *Bensonies angelica* (Pfeiffer)

1856. *Helix angelica* Pfeiffer, *Proc. zool. Soc. Lond.*, **1856** : 33.
1908. *Bensonia angelica* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 172.
2000. *Bensonies angelica* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 36.
2002. *Bensonies angelica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.
2004. *Bensonia angelica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 265, figs. 236, 237.
2005. *Bensonia angelica* : Surya Rao and Mitra, *Fauna of Western Himalaya (part 2)*, Himachal Pradesh : 48.

Distribution : India : Himachal Pradesh, Kashmir (8000 ft.)

A number of varices appearing as yellowish-white rings present on the body whorl possibly these indicate subsequent arrests of growth during aestivation.

967. *Bensonies camura* (Benson)

1859. *Helix camura* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 269.
1876. *Helix camura* : Hanley and Theobald, *Conch. Indica*, pl. 55, fig. 2.
1908. *Bensonia camura* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 175.
1992. *Bensonia camura* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(part 9) : 98, Zool. Surv. India.

2000. *Bensonies camura* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 36.

2002. *Bensonies camura* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution : India : Sikkim, West Bengal (Darjeeling, 4,700–12000 ft).

968. *Bensonies convexa* (Reeve)

1852. *Helix convexa* Reeve, *Conch. Icon.*, Helix, pl. 127, fig. 762.

1876. *Bensonia convexa* : Hanley and Theobald, *Conch. Indica*, pl. 127, fig. 762.

1888. *Oxytes (Bensonia) convexa* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 252.

1908. *Bensonia convexa* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 174.

2000. *Bensonies convexa* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 36.

2002. *Bensonies convexa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

2005. *Bensonia convexa* : Surya Rao and Mitra, *Fauna of Western Himalaya (part-2)*, Himachal Pradesh : 48.

Distribution : India : Himachal Pradesh, Uttarakhand (9,000 ft.).

969. *Bensonies jacquemonti* (von Martens)

1869. *Nanina jacquemonti* von Martens, *Mal Blatt.*, **16** : 75.

1908. *Bensonia jacquemonti* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 174.

2000. *Bensonies jacquemonti* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 37.

2002. *Bensonies jacquemonti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

2004. *Bensonia jacquemonti* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 266, fig. C80.

2005. *Bensonia jacquemonti* : Surya Rao and Mitra, *Fauna of Western Himalaya (Part-2)*, Himachal Pradesh, p. 48.

Distribution : India : Himachal Pradesh, Punjab (11,000 ft.).

970. *Bensonies jamuensis* (Theobald)

1878. *Hemiplecta jamuensis* Theobald, *J. Asiat. Soc. Beng.*, **47** : 142.

1888. *Oxytes (Bensonia) jamuensis* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 251.

1908. *Bensonia jamuensis* : Blanford and Godwin-Austen. *Fauna Brit. India*, Mollusca, **1** : 173.

2000. *Bensonies jamuensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 37.

2002. *Bensonies jamuensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution India : Jammu and Khasmir.

May be a small variety of *B. monticola* (Blanford and Godwin-Austen, 1908).

971. *Bensonies mainwaringi* (Godwin-Austen)

1882. *Bensonia mainwaringi* Godwin-Austen (Nevill Mss.), *J. Asiat. Soc. Beng.*, 5 : 69, pl. 5, fig. 3.
1908. *Macrochlamys mainwaringi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 83.
1992. *Bensonia mainwaringi* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 98, Zool. Surv. India.
1995. *Bensonia mainwaringi* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 70 : pl. 15, figs. 7, 8, Zool. Surv. India.
2000. *Bensonies mainwaringi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2004. *Bensonies mainwaringi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 267, figs. 238, 239.

Distribution : India : Sikkim, Meghalaya, West Bengal (Darjeeling 7,000 ft.).

972. *Bensonies monticola* (Hutton)

1838. *Nanina monticola* Hutton, *J. Asiat. Soc. Beng.*, 7(1) : 213.
1908. *Bensonia monticola* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 172, fig. 61.
2000. *Bensonia monticola* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2002. *Bensonies monticola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.
2004. *Bensonia monticola* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 268, figs. C81, C82.
2005. *Bensonies monticola* : Surya Rao and Mitra, *Fauna of Western Himalaya* (part 2), Himachal Pradesh : 48.

Distribution : India : Himachal Pradesh, Kashmir, Uttarakhand (3000-7000 ft.).

Sometimes with a rufous band above the periphery. Also with a few irregular yellowish rings across the whorls indicating arrests of seasonal growths.

973. *Bensonies theobaldiana* (Godwin-Austen)

1888. *Macrochlamys theobaldiana* Godwin-Austen (Nevill Ms.), *Land and Freshwater Moll. India* 1 : 251.
1908. *Bensonia theobaldiana* : Blanford and Godwin-Austen. *Fauna Brit. India*, Mollusca, 1 : 173.
2000. *Bensonies theobaldiana* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2002. *Bensonies theobaldiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.
2005. *Bensonies theobaldiana* : Surya Rao and Mitra, *Fauna of Western Himalaya* (part-2), Himachal Pradesh : 48.

Distribution : India : Sikkim, Himachal Pradesh.

Not known from outside Himachal Pradesh (Bilaspur, Simla).

974. *Bensonies wynnii* (Blanford)

1880. *Macrochlannys wynnii* Blanford, *J. Asiat. Soc. Beng.*, 11(2) : 197. pl. 3, fig. 5.
 1899. *Macrochlamys wynnii* : Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 118, pl. 95, figs. 2-26; 3, 3a.
 1908. *Bensonia wynnii* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 175.

Distribution : India : Punjab, Kashmir (Murree).

Elsewhere : Afghanistan.

Genus *Dalingia* Godwin-Austen, 1907975. *Dalingia bhutanensis* (Godwin-Austen)

1907. *Bensonia (Dalingia) bhutanensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 149, pl. 102, figs. 1-6.
 1908. *Bensonia (Dalingia) bhutanensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 178.
 2000. *Dalingia bhutanensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.

Distribution : (Richila Peak, Sikkim-Bhutan border?).

Genus *Khasiella* Godwin-Austen, 1899976. *Khasiella austeni* (Blanford)

1870. *Nanina austeni* Blanford, *J. Asiat. Soc. Beng.*, 39(2) : 15, pl. 3, fig. 10.
 1876. *Helix austeni* : Hanley and Theobald, *Conch. Indica*, pl. 50, figs. 8, 9.
 1908. *Khasiella austeni* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 160.
 2000. *Khasiella austeni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
 2002. *Khasiella austeni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Meghalaya (Garo Hills).

977. *Khasiella chloroplax* (Benson)

1865. *Helix chloroplax* Benson, *Ann. Mag. nat. Hist.*, (3)15 : 14.
 1908. *Khasiella? chloroplax* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 165.
 2000. *Khasiella chloroplax* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
 2002. *Khasiella chloroplax* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 27.
 2005. *Khasiella chloroplax* : Surya Rao and Mitra, *Fauna of Western Himalaya (part 2)*, Himachal Pradesh : 49.

Distribution : India : Himachal Pradesh, Punjab.

Blanford and Godwin-Austen (1908) were not able to examine Benson's specimens from Shimla. They studied the shells from Murree which were identified by Nevill. They expressed doubt about the two material (one from Shimla and the other from Murree) being same species.

978. *Khasiella climacterica* (Benson)

1836. *Helix climacterica* Benson, *J. Asiat. Soc. Beng.*, 5 : 352.
1908. *Khasiella climacterica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 160.
1990. *Khasiella climacterica* : Mitra and Dey, *Rec. zool. Surv. India*, 86(1) : 57, pl. 3, figs. 5, 6.
1995. *Khasiella climacterica* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 71, pl. 15, figs. 3, 6, *Zool. Surv. India*.
2000. *Khasiella climacterica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2004. *Khasiella climacterica* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 269, figs. 240, 241.
2007. *Khasiella climacterica* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 120, *Zool. Surv. India*.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland.

Elsewhere : Myanmar.

Widely distributed and abundantly occurring species. Shows variation in size and height of spire. Portion of shell below the keel deeper than that of above.

979. *Khasiella dinoensis* Godwin-Austen

1918. *Khasiella dinoensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 593, pl. 51, figs. 12, 12a, pl. 54, figs. 2-3.
2000. *Khasiella dinoensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2002. *Khasiella dinoensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Arunachal Pradesh (Abor Hills).

980. *Khasiella falcata* (Blanford)

1870. *Nanina falcata* Blanford, *J. Asiat. Soc. Beng.*, 39(2) : 15, pl. 3, fig. 11.
1908. *Khasiella ? falcata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 161.
1995. *Khasiella falcata* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 72, text-fig. 8D, *Zool. Surv. India*.
2000. *Khasiella falcata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2004. *Khasiella falcata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 270, figs. 244, 245.

Distribution : India : Meghalaya (Garo Hills).

Elsewhere : Myanmar.

Distinct for its strong, oblique costulation above, which extend below the periphery.

981. *Khasiella hyba* (Benson)

1861. *Helix hyba* Benson, *Ann. Mag. nat. Hist.*, (3)7 : 83.
 1908. *Khasiella hyba* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 162, fig. 58.
 2000. *Khasiella hyba* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
 2002. *Khasiella hyba* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.
 2004. *Khasiella hyba* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 269, figs. 242, 243.
 2005. *Khasiella hyba* : Surya Rao and Mitra, *Fauna of Western Himalaya*, (part-2), Himachal Pradesh : 49.

Distribution : India : Himachal Pradesh, Kashmir.

Distinct for its sub-trochiform shape, rather flat on base.

982. *Khasiella kashmirensis* (Nevill)

- 1878 *Nanina (Rotula) kashmirensis* Nevill, *Yark. Miss. Moll.*, p. 16, figs. 13-15.
 1908. *Khasiella? kashmirensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 165.
 2000. *Khasiella kashmirensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
 2002. *Khasiella kashmlrensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Kashmir (Sonamurg).

“Smaller than the previous species, with a higher spire” For this species also Blanford and Godwin-Austen (1908) were able to see only immature specimens and were much sceptical about the status of the species.

983. *Khasiella ornatissima* (Benson)

1859. *Helix ornatissima* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 269.
 1876. *Helix ornatissima* : Hanley and Theobald, *Conch. Indica*, pl. 60, fig. 4.
 1865. *Nanina ornatissima* : Blanford, *J. Asiat. Soc. Beng.*, 34 : 104.
 1908. *Khasiella ornatissima* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 160.

Distribution : India : Sikkim, Uttar Pradesh.

Elsewhere : Nepal.

984. *Khasiella serrula* (Benson)

1836. *Helix serrula* Benson, *J. Asiat. Soc. Beng.*, 5 : 352.
 1876. *Helix serrula* : Hanley and Theobald, *Conch. Indica*, pl. 50, fig. 7.
 1908. *Khasiella serrula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 162.

1985. *Khasiella serrula* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, **82**(1-4) : 268.
2000. *Khasiella serrula* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 37.
2004. *Khasiella serrula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 271, figs. 246, 247.

Distribution : India : Arunachal Pradesh, Meghalaya.

Very distinct for its unique serrated periphery, resulted by strong radial plications which extend upto just below the peripheral keel.

985. *Khasiella sonamurgensis* (Nevill)

1878. *Nanina (Microcystis) sonamurgensis* Nevill, *Yark. Miss., Moll.*, p. 16, figs. 16-18.
1908. *Khasiella? sonamurgensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 166.
2000. *Khasiella sanamurgensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : Kashmir (Sonamurg).

The three above species, *K. chloroplax*, *K. kashmirensis* and *K. sonamurgensis* were included by Blanford and Godwin-Austen, (1908) as "of doubtful affinity" They even suggested their placement under the genus *Bensonia*. However these are provisionally retained here under *Khasiella*.

986. *Khasiella tandianensis* (Theobald)

1881. *Trochomorpha tandianensis* Theobald, *J. Asiat. Soc. Beng.*, **52** : 46.
1908. *Khasiella ? tandianensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 106.
2000. *Khasiella tandianensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 37.
2002. *Khasiella tandianensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 37.

Distribution : India : 'Tandiani, Hazara' ? Punjab / Himachal Pradesh (8,500 ft.).

Nearest ally is *K. hyba* (Blanford and Godwin-Austen, 1908).

987. *Khasiella vidua* (Hanley and Theobald)

1876. *Helix vidua* Hanley and Theobald (Blanford Ms.), *Conch, Indica*, pl. 130, figs. 2, 3.
1899. *Khasiella vidua* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 129, pl. 129.
1908. *Khasiella vidua* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 158, fig. 57.
2000. *Khasiella vidua* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 37.
2004. *Khasiella vidua* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, **10**(part 3) : 96, Zool. Surv. India.
2004. *Khasiella vidua* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 273, fig. 248.

2007. *Khasiella vidua* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 121, Zool. Surv. India.

Distribution India : Arunachal Pradesh, Manipur, Meghalaya, Nagaland.

Elsewhere Bangladesh.

Genus *Microcystina* Moerch, 1876

988. *Microcystina brunii* (Moerch)

1872. *Nanina (Liocystis) brunii* Moerch, *J. Conch.*, **20** : 311.
1991. *Microcystina brunii* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 65, pl. 6, fig. 9.
2002. *Microcystina brunii* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.
2004. *Microcystina brunii* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 273, fig. 249.

Distribution : India : Nicobar Islands.

According to Subba Rao and Mitra (1991) this species is the largest species of the genus recorded from these Islands and not *M. moerchiana* as mentioned by Blanford and Godwin-Austen (1908).

989. *Microcystina cryptomphalus* Godwin-Austen

1882. *Microcystina cryptomphalus* Godwin-Austen (Nevill Ms.), *Land and Freshwater Moll. India*, **1** : 13, pl. 3, fig. 10.
1908. *Microcystina cryptomphalus* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 257.
2002. *Myrocystina cryptomphalus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : India : Bihar, Jharkhand (Pareshnath Hill, 4480 ft.), West Bengal.

990. *Microcystina harrietensis* Godwin-Austen

1882. *Microcystina harrietensis* Godwin-Austen (Nevill Ms.), *Land and Freshwater Moll. India*, **1** : 13, pl. 3, fig. 11.
1908. *Microcystina harrietensis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 255.
2002. *Microcystina harrietensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Andaman Islands (Mount Harriet).

991. *Microcystina moerchiana* Godwin-Austen

1882. *Microcystina moerchiana* Godwin-Austen (Nevill Ms.), *Land and Freshwater Moll. India*, **1** : 13, pl. 3 fig. 9.

1898. *Microcystina moerchiana* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 47.
 1908. *Microcystina moerchiana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 254.
 1991. *Microcystina moerchiana* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 65, pl. 6, fig. 10.
 2002. *Microcystina moerchiana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Nicobar Islands.

Largest species recorded from the Andaman and Nicobar Islands (Blanford and Godwin-Austen, 1908). Incidentally the two species recorded from the mainland, *M. shevaroyana* from Shevaroy Hills and *M. cryptomphalus* from Parasnath Hills are rather distinctly perforate with a less developed columellar process. Species from the Andaman and Nicobar Islands are either imperforate or very narrowly perforate and have well developed angular process.

992. *Microcystina rinki* Moersch

1872. *Microcystina rinki* Moersch, *J. Conch.*, **20** : 311.
 1882. *Microcystina rinki* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 12, pl. 3, figs. 1-7.
 1908. *Microcystina rinki* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 254, figs. 81 B-B3.
 1991. *Microcystina rinki* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 64, pl. 6, fig. 8.
 2002. *Microcystina rinki* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.
 2004. *Microcystina rinki* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 274, fig. 250.

Distribution : India : Nicobar Islands.

993. *Microcystina shevaroyana* W.T. Blanford

1904. *Microcystina shevaroyana* W.T. Blanford, *Proc. zool. Soc., Lond.*, **2** : 446, pl. 25, fig. 17.
 1908. *Microcystina shevaroyana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 256.
 2002. *Microcystina shevaroyana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : India : (Shevaroy Hills) Tamil Nadu.

Shell much similar to that of *Macrochlamys vilipensa* but has more number of whorls. The columellar process is feebly developed.

994. *Microcystina stewarti* Blanford

1904. *Microcystina stewarti* Blanford (Godwin-Austen Ms.), *Proc. zool. Soc. Lond.*, **2** : 446, pl. 25, fig. 16.
 1908. *Microcystina stewarti* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 255.
 2002. *Microcystina stewarti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Andaman Islands.

Since this species was named after Sir Donald Stewart, ex-Governor of the Andaman Islands, Blanford's original name '*stuarti*' was obviously an error (Blanford and Godwin-Austen, 1908).

995. *Microcystina warnefordi* Godwin-Austen

1882. *Microcystina warnefordi* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 13, pl. 3, figs. 8, 8a.
 1908. *Microcystina warnefordi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 255.
 1991. *Microcystina warnefordi* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 66, pl. 7, fig. 1.
 2004. *Microcystina warnefordi* : Mitra, Dey and Ramakrishna *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 275, fig. 251.

Distribution : India, Andaman Islands.

Genus *Oxytesta* Zilch, 1956

996. *Oxytesta aborensis* Godwin-Austen

1916. *Oxytes aborensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 595, pl. 52. figs. 2, 2a, 2b.
 2000. *Oxytes aborensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
 2002. *Oxytes aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.

Distribution : India : Arunachal Pradesh (Abor Hills).

997. *Oxytesta blanfordi* (Theobald)

1859. *Helix blanfordi* Theobald, *J. Asiat. Soc. Beng.*, 28 : 308.
 1908. *Oxytes blanfordi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 168.
 1992. *Oxytes blanfordi* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 106, Zool. Surv. India.
 2000. *Oxytesta blanfordi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
 2002. *Oxytesta blanfordi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.
 2004. *Oxytesta blanfordi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 276, figs. 252, 253.

Distribution : India : Sikkim, West Bengal (Darjeeling, 3000 ft.).

998. *Oxytesta castor* (Theobald)

1858. *Helix castor* Theobald, *J. Asiat. Soc. Beng.*, 27 : 319.
 1908. *Oxytes castor* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 168.

1995. *Oxytes castor* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 78, pl. 20, figs. 5, 6, Zool. Surv. India.
2000. *Oxytesta castor* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2002. *Oxytesta castor* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Meghalaya.

Not recorded outside Meghalaya so far.

999. *Oxytesta cycloplax* (Benson)

1852. *Helix cycloplax* Benson, *Ann. Mag. nat. Hist.*, (2)10 : 348.
1908. *Oxytes cycloplax* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 168.
1992. *Oxytes cycloplax* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 106, Zool. Surv. India.
2000. *Oxytesta cycloplax* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2002. *Oxytesta cycloplax* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.
2003. *Oxytesta cycloplax* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 142, Zool. Surv. India.

Distribution : India : Sikkim (1000-5000 ft.), West Bengal (Darjeeling).

1000. *Oxytesta oglei* (Godwin-Austen)

1916. *Oxytes oglei* Godwin-Austen, *Rec. Indian Mus.*, 8 : 594, pl. 52, figs. 1, 1a, 1b.
2000. *Oxytesta oglei* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2002. *Oxytesta oglei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Assam.

1001. *Oxytesta orobia* (Benson)

1848. *Helix orobia* Benson, *Ann. Mag. nat. Hist.*, (2)2 : 158.
1908. *Oxytes orobia* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 169, fig. 60.
1992. *Oxytes orobia* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 106, Zool. Surv. India.
2000. *Oxytesta orobia* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 37.
2002. *Oxytesta orobia* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.
2004. *Oxytesta orobia* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 276, figs. C83, C84.

Distribution : India : Sikkim, West Bengal (Darjeeling, 7000-8000 ft.).

Species with a distinctly internally thickened peristome and also a few coloured markings of former lips across the body whorl, the shell is very close to that in the genus *Bensonia*.

1002. *Oxytesta oxytes* (Benson)

1836. *Helix oxytes* Benson, *J. Asiat. Soc. Beng.*, **5** : 351.
1908. *Oxytes oxytes* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 167.
1995. *Oxytes oxytes* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 78, pl. 21, figs. 3, 4.
2000. *Oxytesta oxytes* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 37.
2002. *Oxytesta oxytes* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.
2003. *Oxytes oxytes* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 142, Zool. Surv. India.
2004. *Oxytes oxytes* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 277, figs. 254, 255.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Sikkim.

Distinct for its large size and broad umbilicus. The shell collected from the Garo Hills, Meghalaya with a lower spire and more sharply keeled body whorl may actually belong to Godwin-Austen's *O. shanensis*, as remarked by Blanford and Godwin-Austen, (1908) and also by Subba Rao *et al* (1995).

1003. *Oxytesta pollux* (Theobald)

1858. *Helix pollux* Theobald, *J. Asiat. Soc. Beng.*, **27** : 319.
1995. *Oxytes pollux* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 79, pl. 21, figs. 5, 6, Zool. Surv. India.
2000. *Oxytesta pollux* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 37.
2004. *Oxytesta pollux* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 278, figs. 255, 256.

Distribution : India : Meghalaya.

1004. *Oxytesta sylvicola* (Blanford)

1880. *Oxytes sylvicola* Blanford, *J. Asiat. Soc. Beng.*, **49** : 185.
1888. *Oxytes sylvicola* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 130.
1908. *Oxytes sylvicola* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 169.

Distribution : India : Assam (North Cachar).

1005. *Oxytesta siyomensis* Godwin-Austen

1916. *Oxytes siyomensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 595, pl. 52, figs. 3, 3a, 3b.
2000. *Oxytesta siyomensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 38.

2002. *Oxytesta siyomensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.

Distribution : India : Arunachal Pradesh.

Genus *Rotungia* Godwin-Austen, 1918

1006. *Rotungia williamsoni* Godwin-Austen

1918. *Rotungia williamsoni* Godwin-Austen, *Rec. Indian Mus*, 8 : 590, pl. 51, figs. 5, 5a.

2000. *Rotungia williamsoni* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.

2002. *Rotungia williamsoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.

2005. *Rotungia williamsoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 279, figs. 258, 259.

Distribution : India : Arunachal Pradesh (Abor Hills).

Elsewhere : Nepal.

Also a monotypic genus. Very distinct for its thin, imperforate shell almost excavated along the suture. Recent collections of this interesting species were made from Nepal, which happens to be its first subsequent report (Mitra *et al.*, 2005).

Genus *Syama* Godwin-Austen, 1908

1007. *Syama annandalei* Godwin-Austen

1908. *Syama annandalei* Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 15, fig. 55.

2002. *Syama annandalei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Uttar Pradesh (Bijnore).

1008. *Syama masuriensis* (Godwin-Austen)

1881. *Macrochlamys prona* Theobald (non neville), *J. Asiat. Soc. Beng.*, 50(1) : 103.

1883. *Syama masuriensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 94, pl. 21, fig. 8.

1908. *Syama masuriensis* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 156.

2000. *Syama masuriensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.

2002. *Syama masuriensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Uttarakhand (Mussoori).

1009. *Syama promiscua* Godwin-Austen

1881. *Macrochlamys prona* Theobald (non Nevill), *J. Asiat. Soc. Beng.*, 50(1) : 46.

1908. *Syama promiscua* Godwin-Austen, *Fauna Brit. India, Mollusca*, 1 : 156.

2002. *Syama promiscua* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Punjab (Tandiani, Murree).

1010. *Syama prona* (Nevill)

1878. *Nanina (Macrochlamys) prona* Nevill, *Yark. Miss., Moll.*, p. 17.
1883. *Nanina (Macrochlamys) prona* : Godwin-Austen, *Land and Freshwater Moll.*, 1 : 103, pl. 22, figs. 2, 2a.
1908. *Syama prona* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 154.
2000. *Syama prona* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
2002. *Syama prona* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.
2005. *Syama prona* : Surya Rao and Mitra, *Fauna of Western Himalaya*, part 2, Himachal Pradesh, p. 50.

Distribution : India : Himachal Pradesh, Punjab, Uttarakhand / Uttar Pradesh (Mussoori, Garhwal, Bijnore).

Blanford and Godwin-Austen (1908) mentions much confusion existed in respect of its wide distribution, particularly, regarding its occurrence in Arunachal Pradesh. Shells from different localities show much variations. A variety, *huttoni* was reported from Simla.

1011. *Syama splendens* (Hutton)

1838. *Nanina splendens* Hutton, *J. Asiat. Soc. Beng.*, 7(1) : 215.
1908. *Syama splendens* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 153, fig. 56.
2000. *Syama splendens* : Dey and Mitra, *Rec. zool. Surv. India*, 98 (2) : 38.
2002. *Syama splendens* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.
2004. *Syama splendens* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 280, figs. 260, 261.
2005. *Syama splendens* : Surya Rao and Mitra, *Fauna of Western Himalaya* (part 2), Himachal Pradesh : 50.

Distribution : India : Himachal Pradesh, Kashmir, Punjab, Uttarakhand (7000–10,000 ft.).

1012. *Syama theobaldi* Blanford and Godwin-Austen

1908. *Syama theobaldi* Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 157.
2000. *Syama theobaldi* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
2002. *Syama theobaldi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 37.

Distribution : India : Punjab (Murree, Tinali).

Genus *Taphrospira* Blanford, 19051013. *Taphrospira bathycharax* Godwin-Austen

1888. *Macrochlamys bathycharax* Godwin-Austen, (Benson Ms.) *Ann. Mag. nat. Hist.*, (6)2 : 56.
1908. *Taphrospira bathycharax* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 280.

1991. *Taphrospira bathycharax* : Subba Rao, Mitra, Dey and Maitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 67, pl. 7, figs. 2, 3.
2002. *Taphrospira bathycharax* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 7.
2004. *Taphrospira bathycharax* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 281, fig. 262.

Distribution : India : Andaman Islands.

Rather thin, highly polished, canalised along the suture – a beautiful shell.

1014. *Taphrospira compluvialis* (Blanford)

1865. *Nanina compluvialis* Blanford, *J. Asiat. Soc. Beng.*, 34(2) : 66.
1908. *Taphrospira compluvialis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 280.
1995. *Taphrospira compluvialis* : Subba Rao Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, 4(part 8) : 81, pl. 22, figs. 7, 8, Zool. Surv. India.
2004. *Taphrospira compluvialis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 282, figs. 263, 264.

Distribution : India : Meghalaya (Khasi Hill).

Elsewhere : Myanmar.

Less depressed with broader sutural canal. This species was for the first time recorded from India by Subba Rao *et al.* (1995).

1015. *Taphrospira excavata* (Blanford)

1904. *Nanina excavata* Blanford, *Proc. zool. Soc.*, Lond., 2 : 441, pl. 25, fig. 3.
1908. *Taphrospira excavata* : Blanford and Godwin-Austen. *Fauna Brit. India*, Mollusca, 1 : 280.
2000. *Taphrospira excavata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
2002. *Taphrospira excavata* : Ramkrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.

Distribution : India : Assam, Meghalaya.

Shell larger and more globose.

Subfamily DURGELLINAE

Genus *Durgella* Blanford, 1863

1016. *Durgella aborensis* Godwin-Austen

1916. *Durgella aborensis* Godwin-Austen, *Rec. Indian Mus.*, 8 : 555, pl. 47, figs. 1-1d.
2000. *Durgella aborensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
2002. *Durgella aborensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 38.

2004. *Durgella aborensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India. p. 283, fig. 265.

Distribution : India : Arunachal Pradesh (2000 ft.).

Were collected from under plantain leaf-stem.

1017. *Durgella assamica* Godwin-Austen

1881. *Durgella assamica* Godwin-Austen *J. Linn. Soc. zool.*, **15** : 294, pl. 20, figs. 5, 6, 8; pl. 21, figs. 2, 4, 4a, b.
1908. *Durgella assamica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 206, fig. 76B.
2000. *Durgella assamica* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 38.
2002. *Durgella assamica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Assam.

1018. *Durgella khasiaca* Godwin-Austen

1883. *Durgella khasiaca* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 145, pl. 39, figs. 7-7b, 8-8b.
1908. *Durgella khasiaca* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 218.
2000. *Durgella khasiaca* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 38.
2002. *Durgella khasiaca* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Meghalaya (West Khasi Hills).

Blanford and Godwin-Austen (1908) included this species as an 'aberrant form' without any other remarks.

1019. *Durgella levicula* (Benson)

1859. *Helix levicula* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 391.
1863. *Durgella levicula* : Blanford, *Ann. Mag. nat. Hist.*, (3)**11** : 81.
1898. *Durgella levicula* : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 61, pl. 76, figs. 1-6.
1908. *Durgella levicula* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 213, fig. 75.
2004. *Durgella levicula* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 284, figs. 266, 267.

Distribution : India : Andhra Pradesh, Orissa (Eastern Ghats).

Elsewhere : Myanmar.

1020. *Durgella mairangensis* (Godwin-Austen)

1876. *Helix salius* Godwin-Austen (nec. Benson), *J. Asiat. Soc. Beng.*, **45**(2) : 313.

1898. *Durgella mairangensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 64, pl. 77, figs. 7-11.
 2000. *Durgella mairangensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 38.
 2002. *Durgella mairangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 28.

Distribution : India : Meghalaya.

This is very near *D. salius* and has the same habit of jumping when touched (Blanford and Godwin-Austen, 1908).

1021. *Durgella rogersi* Godwin-Austen

1907. *Durgella rogersi* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 205, pl. 115, figs. 4, 4a; pl. 116, figs. 7, 7a.
 1908. *Durgella rogersi* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 215.
 2002. *Durgella rogersi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 6.

Distribution : India : Andhra Pradesh.

Only species of the genus reported from these Islands.

1022. *Durgella salius* (Benson)

1859. *Vitrina salia* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 189.
 1908. *Durgella salius* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 217.
 1992. *Durgella salius* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3(part 9)** : 95, *Zool. Surv. India*.
 2000. *Durgella salius* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 38.
 2002. *Durgella salius* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.
 2003. *Durgella salius* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9(part 5)** : 138, *Zool. Surv. India*.
 2004. *Durgella salius* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 285, fig. 268.
 2005. *Durgella salius* : Surya Rao, Mookherjee, Mitra, Maitra and Barua, *Fauna of Manipur, State Fauna Series*, **10(part 3)** : 100, pl. 11, fig. 4, *Zool. Surv. India*.

Distribution : India : Manipur, Meghalaya, Sikkim, West Bengal (Darjeeling).

One of the most common species of the genus.

1023. *Durgella seposita* Benson

1859. *Durgella seposita* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 267.
 1908. *Durgella seposita* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 217.
 2000. *Durgella seposita* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 38.

2002. *Durgella seposita* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.
2003. *Durgella seposita* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 138, *Zool. Surv. India*.
2004. *Durgella seposita* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 286, fig. 259.

Distribution : India : Sikkim, West Bengal (Darjeeling).

Though Blanford and Godwin-Austen (1908) expressed doubt about its occurrence in Sikkim collection of fresh material (Benson) from West Sikkim in 1996 (Dey *et al.*, 2003) has further confirmed its presence in these areas.

Genus *Ibycus* Heynemann, 1862

1024. *Ibycus fissidens* Heynemann

1862. *Ibycus fissidens* Heynemann, *Mal. Blatt.*, **10** : 142, pl. 1, fig. 3.
1908. *Ibycus fissidens* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 219, fig. 76C.
2000. *Ibycus fissidens* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 38.
2002. *Ibycus fissidens* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.
2003. *Ibycus fissidens* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 137, *Zool. Surv. India*.
2004. *Ibycus fissidens* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 287, figs. 270. 271.

Distribution : India : Sikkim (5,600 ft.).

The shell is shovel shaped and imperfectly formed.

1025. *Ibycus minutus* (Godwin-Austen)

1876. *Helicarion minutus* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45**(2) : 313, pl. 8, figs. 1, 1a, 1b.
1883. *Durgella minutus* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 144, pl. 39, figs. 1-6.
1908. *Durgella minutus* : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 219, fig. 76A.
2000. *Ibycus minutus* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 38.
2002. *Ibycus minutus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 46.

Distribution : India : Arunachal Pradesh, Meghalya.

Much smaller, almost half the size of the other species.

Genus *Minyongia* Godwin-Austen, 1916

1026. *Minyongia kempi* Godwin-Austen

1916. *Minyongia kempi* Godwin-Austen, *Rec. Indian Mus.*, **8** : 556, pl. 47, figs. 2-29.

2002. *Minyongia kempi*, Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution : India : Arunachal Pradesh (Abor Hills).

No subsequent record for the genus.

Genus *Satiella* Blanford and Godwin-Austen 1908

1027. *Satiella christiana*e (Theobald)

1864. *Vitrina christiana*e Theobald, *J. Asiat. Soc. Beng.*, **33** : 245.

1898. *Durgaella christiana*e : Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 65, pl. 79, figs. 1-5.

1908. *Satiella christiana*e : Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 223.

1991. *Satiella christiana*e : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 66.

2002. *Satiella christiana*e : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.

2004. *Satiella christiana*e : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India*, p. 288, fig. 272.

Distribution : India : Andaman Islands.

Snails collected from branches of trees in forest located between Jirkatang and Shoal Bay.

1028. *Satiella compressa* Blanford and Godwin-Austen

1908. *Satiella compressa* Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 224.

2002. *Satiella compressa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : India : Kerala (Wynaad).

“Recognised by its large size and compressed shape” Blanford and Godwin-Austen, 1908.

1029. *Satiella dekhaniensis* (Godwin-Austen)

1898. *Durgella dekhaniensis* Godwin-Austen, *Land and Freshwater Moll. India*, **2** : 68, pl. 78, figs. 1-2d.

1908. *Satiella dekhaniensis* : Blf. and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 221, figs. 77 A, B.

2002. *Satiella dekhaniensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : India : Kerala.

1030. *Satiella flexilis* Blanford and Godwin-Austen

1908. *Satiella flexilis* Blanford and Godwin-Austen, *Fauna Brit. India, Mollusca*, **1** : 223.

2002. *Satiella flexilis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : India : Tamil Nadu (Nilgiris).

Shell of the genus *Satiella* is very thin, almost membranous. *S. flexilis* is “even thinner and more flexible” than others and is greenish in colour. (Blanford and Godwin-Austen, 1908)

1031. *Satiella levidensis* (Godwin-Austen)

1898. *Durgella levidensis* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 78, pl. 68, figs. 6-9.
 1908. *Satiella levidensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 223, figs. 77, E,F.
 2002. *Satiella levidensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Kerala, Tamil Nadu.

1032. *Satiella pertenuis* Blanford and Godwin-Austen

1908. *Satiella pertenuis* Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 224.
 2002. *Satiella pertenuis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Kerala (Wynaad).

Considerably larger than *S. levidensis* and with an additional whorl (Blanford and Godwin-Austen, 1908).

Genus *Sitala* H. Adams, 18651033. *Sitala apicata* (Blanford)

1870. *Nanina (Trochomorpha) apicata* Blanford, *J. Asiat. Soc. Beng.*, (2) : 16, pl. 3, fig. 13.
 1876. *Nanina (Trochomorpha) apicata* : Hanley and Theobald, *Conch., Indica*, pl. 54, figs. 5.
 1908. *Euplecta apicata* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 72.
 2002. *Euplecta apicata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.
 2004. *Sitala apicata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 289, figs. 273, 274.

Distribution : India : Tamil Nadu (Nilgirs).

Considering its general shape and sculpture the species is placed under *Sitala*.

1034. *Sitala arx* (Benson)

1859. *Helix arx* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 184.
 1876. *Helix arx* : Hanley and Theobald, *Conch. Indica*, pl. 54, fig. 8.
 1908. *Sitala arx* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 229.
 2004. *Sitala arx* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 289, figs. 275, 276.

Distribution : India : Manipur.

Elsewhere : Myanmar.

Distinct for the concave sides of its spire.

1035. *Sitala attegia* (Benson)

1859. *Helix attegia* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 184.
 1882. *Sitala attegia* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 29, pl. 8, figs. 2-27.
 1908. *Sitala attegia* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 227.
 1991. *Sitala attegia* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 61, pl. 6, fig. 7.
 2004. *Sitala attegia* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 290, fig. 227.

Distribution : India : Andaman Islands.

Elsewhere : Myanmar.

1036. *Sitala balliana* Godwin-Austen

1882. *Sitala balliana* Godwin-Austen, (Nevill Mss.), *Land and Freshwater Moll. India*, 1 : 74. pl. 15, fig. 2.
 1898. *Sitala balliana* Godwin-Austen, *Land and Freshwater Moll. India*, 2 : 48.
 1908. *Sitala? balliana* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 233.
 2002. *Sitala balliana* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 43.

Distribution : India : Orissa (Hills near Ganjam).

Nevill's (1878) *Nanina (Microcystis)* n. sp. re-examined and described as the present species by Godwin-Austen (1882).

1037. *Sitala crenicincta* Godwin-Austen

1883. *Sitala crenicincta* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 75. pl. 13, fig. 2.
 1908. *Sitala? crenicincta* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 234.
 2000. *Sitala crenicincta* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
 2002. *Sitala? crenicincta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.

Distribution : India : Meghalaya, Nagaland.

1038. *Sitala denselirata* Preston

1908. *Sitala denselirata* Preston, *Rec. Indian, Mus.* 2 : 187.
 1979. *Sitala denselirata* : Subba Rao, Mitra, Dey and Maitra, *Rec. zool. Surv. India*, 75 : 17.
 1991. *Sitala denselirata* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 59, pl. 6, fig. 2.
 2004. *Sitala denselirata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 291, fig. 278.

Distribution : India : Andaman Islands, Maharashtra.

Elsewhere : Myanmar, Sri Lanka.

1039. *Sitala grommatica* Godwin-Austen

1882. *Sitala grommatica* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 32 pl. 10, figs. 5.
 1908. *Sitala? grommatica* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 231.
 2000. *Sitala grommatica* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
 2002. *Sitala grommatica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 28.

Distribution : India : Assam, Manipur, Meghalaya.

1040. *Sitala haroldi* Godwin-Austen

1882. *Sitala haroldi* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 33, pl. 10, figs. 7, 7a.
 1908. *Sitala haroldi* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 231.
 1991. *Sitala haroldi* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 16, pl. 6, fig. 5.
 2002. *Sitala haroldi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 6, pl. 5, figs. 2, 5.
 2004. *Sitala haroldi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 292, fig. 279.

Distribution : India : Andaman and Nicobar Islands.

Though Blanford and Godwin-Austen (1908) made a passing remark about its occurrence in the Nicobar islands. Presence of this species in these islands was confirmed by Subba Rao and Mitra (1991).

1041. *Sitala infula* (Benson)

1848. *Helix infula* Benson, *Ann. Mag. nat. Hist.*, (2)2 : 160.
 1882. *Sitala infula* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 26, pl. 8, figs. 1-1f.
 1992. *Sitala infula* : Thakur, Mitra, and Maitra. *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 108, Zool. Surv. India.
 2000. *Sitala infula* : Mookherjee, Mitra, Barua, *Fauna of Tripura, State Fauna Series*, 7(part 4) : 349, Zool. Surv. India.
 2002. *Sitala infula* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, 9(part 5) : 139, Zool. Surv. India.

Distribution : India : Bihar, Maharashtra, Orissa, Sikkim, Tripura, West Bengal.

Elsewhere : Myanmar.

1042. *Sitala injussa* (W. and H. Blanford)

1861. *Helix injussa* W. and H. Blanford, *J. Asiat. Soc. Beng.*, 30 : 356, pl. 1, fig. 13.
 1882. *Sitala injussa* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 38, pl. 9, figs. 5, 5a, 5b.

1908. *Sitala? injussa* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 234.
 2002. *Sitala injussa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Tamil Nadu, Kerala (Nilgiris, Wynaad).

1043. *Sitala intonsa* Godwin-Austen

1882. *Sitala intonsa* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 75, pl. 13, figs. 1, 1a, 1b.
 1908. *Sitala? intonsa* : Blanford and Godwin-Austen, *Fauna British India*, Mollusca, 1 : 235.
 2000. *Sitala intonsa* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
 2002. *Sitala intonsa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.

Distribution : India : Meghalaya (Khasi Hills).

Fresh shells are with hairs (Blanford and Godwin-Austen, 1908).

1044. *Sitala palmaria* (Benson)

1864. *Helix palmaria* Benson, *Ann. Mag. nat. Hist.*, (3)13 : 137.
 1876. *Helix palmaria* : Hanley and Theobald, *Conch. Indica*, pl. 30, figs. 5, 6.
 1882. *Sitala palmaria* : Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 35, pl. 10, fig. 3.
 1908. *Sitala palmaria* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 230.
 2002. *Sitala palmaria* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution : India : Karnataka (Mysore), Kerala (Wynnad).

Typical shells of this species are considerably smaller with less number of whorls than Benson's type (Blanford and Godwin-Austen, 1908).

1045. *Sitala phulongensis* Godwin-Austen

1882. *Sitala phulongensis* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 34, pl. 10, fig. 4.
 1908. *Sitala? phulongensis* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 233.
 2000. *Sitala phulongensis* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 38.
 2002. *Sitala phulongensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.

Distribution : India : Assam (Noth Cachar Hills), Meghalaya (Khasi Hills).

1046. *Sitala placita* Godwin-Austen

1883. *Sitala placita* Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 74, pl. 14, fig. 3.
 1908. *Sitala? placita* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, 1 : 235.
 2000. *Sitala placita* : Dey and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.
 2002. *Sitala placita* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.

Distribution : India : Manipur, Meghalaya (Khasi Hills).

1047. *Sitala recondita* Godwin-Austen

1883. *Sitala recondita* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 75, pl. 13, figs. 4, 4a, 4b, 4c.
 1908. *Sitala? recondita* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 236.
 2000. *Sitala recondita* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 38.
 2002. *Sitala recondita* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 29.

Distribution : India : Meghalaya.

1048. *Sitala rimicola* (Benson)

1859. *Helix rimicola* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 266.
 1882. *Sitala rimicola* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 36, pl. 9, figs. 2, 3, 4.
 1908. *Sitala? rimicola* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 236.
 1995. *Sitala rimicola* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(part 8) : 80, Zool. Surv. India.
 2000. *Sitala rimicola* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 38.
 2002. *Sitala rimicola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 47.

Distribution : India : Assam, Meghalaya, Nagaland, Sikkim, Uttarakhand, West Bengal (Darjeeling, 4000 ft.).

Of all the Indian species, *S. rimicola* seems to have the widest distribution. It also happens to be the only species recorded from the Western Himalaya (Mussouri, Landdour)

1049. *Sitala srimani* Godwin-Austen

1882. *Sitala srimani* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 41, pl. 9, fig. 7.
 1908. *Sitala? srimani* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 235.
 2000. *Sitala srimani* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 38.
 2002. *Sitala srimani* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 29.

Distribution : India : Manipur.

1050. *Sitala subilirata* Godwin-Austen

1882. *Sitala subilirata* (Nevill MS) Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 39, pl. 10, figs. 11, 11a.

Distribution : India : Andamans.

1051. *Sitala tertiana* (W. and H. Blanford)

1861. *Helix tertiana* W. and H. Blanford, *J. Asiat. Soc. Beng.*, **30** : 355, pl. 1, fig. 11.

Distribution : India : Nilgiri Hills; Western Himalaya.

1052. *Sitala tricarinata* (W. and H Blanford)

1861. *Helix tricarinata* W. and H. Blanford, *J. Asiat. Soc. Beng.*, **30** : 355, pl. i, fig. 10.
 1882. *Sitala tricarinata* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 39, pl. 10, fig. 10.

Distribution : India : Nilgiri Hills.

1053. *Sitala uvida* Godwin-Austen

1883. *Sitala uvida* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 74, pl. 13, fig. 5.
 1908. *Sitala?* *uvida* : Blanford and Godwin-Austen, *Fauna Brit. India*, Mollusca, **1** : 235.
 2000. *Sitala uvida* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 39.
 2002. *Sitala uvida* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.

Distribution : India : Assam, Meghalaya (Teria Ghat, South base of Khasi Hills).

1054. *Sitala vulcania* Blanford and Godwin-Austen

1908. *Sitala?* *vulcania* Blanford and Godwin-Austen, *Fauna Brit. India* Mollusca, **1** : 228.
 2002. *Sitala vulcania* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.

Distribution : India : Andaman Islands (Narkondom Island).

Family TROCHOMORPHIDAE

Genus *Videna* H. and A. Adams, 18581055. *Videna andamanica* (Godwin-Austen)

1895. *Discus andamanica* (Nevill) Godwin-Austen, *Proc. zool. Soc., Lond.*, **1895** : 448.
 1914. *Trochomorpha andamanica* : Gude, *Fauna Brit. India*, Mollusca, **2** : 6.
 1991. *Videna andamanica* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 48, pl. 8, fig. 2.
 2002. *Videna andamanica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7, pl. 8, fig. 8.

Distribution : India : Andaman Islands.

Shell depressed, widely umbilicate, umbilicus funnel shaped, with keeled edges closely, obliquely, striate, sutures distinctly, marginate, sharply keeled at periphery.

1056. *Videna bicolor* (Martens)

1864. *Trochomorpha bicolor* Martens, *Monatsber. koen. Akad. Wiss.*, Berlin, p. 267.
 1876. *Nanina (Videna) bicolor* : Moerch, *Journ. Conchyl.*, **24** : 356.
 1914. *Trochomorpha (Videna) bicolor* : Gude, *Fauna Brit, India*, Mollusca, **2** : 7.

2002. *Videna bicolor* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.

Distribution : India : Nicobar Islands.

Elsewhere : Malayasia.

Shell depressedly conical, moderately umbilicate, decussately sculptured above, carinate at the periphery, angulate around umbilicus, body whorl slightly descending in front.

1057. *Videna frauenfeldi* (Pfeiffer and Zelebor)

1867. *Helix frauenfeldi* Pfeiffer and Zelebor, *Verh. K. K. Zool. -bot. Ges.*, **17** : 805.

1895. *Rotula frauenfeldi* : Godwin-Austen, *Proc. zool. Soc. Lond.*, **1895** : 441.

1914. *Trochomorpha (Sivella) frauenfeldi* : Gude, *Fauna Brit, India, Mollusca*, **2** : 5.

2002. *Videna frauenfeldi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.

Distribution : India : Nicobar Islands.

Shell rather lenticular, perforate, obliquely, costulate, acutely carinate at the periphery, crenulate below the carina, basal margin arcuate.

1058. *Videna iopharynx* (Moerch)

1876. *Nanina (Videna) iopharynx* Moerch, *Journ. Conchyl.*, **24** : 356.

1914. *Trochomorpha (Videna) iopharynx* : Gude, *Fauna Brit. India, Mollusca*, **2** : 7.

1991. *Videna iopharynx* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 49, pl. 8, figs. 9, 10.

2002. *Videna iopharynx* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.

Distribution : India : Nicobar Islands.

Shell depressed, widely umbilicate, closely, obliquely striate, whorls flattened above, acutely keeled at the periphery.

The species was based on a single shell, but subsequent collections have been made.

1059. *Videna lardea* (Martens)

1864. *Trochomorpha lardea* Martens, *Monatsber. Kon. Akad. Wiss.*, Berlin, p. 267.

1887. *Helix (Trochomorpha) lardea* : Tryon, *Man. Conch.*, (2)**3** : 83, pl. 16.

1914. *Trochomorpha (Viden) lardea* : Gude, *Fauna Brit., India, Mollusca*, **2** : 7.

Distribution : India : Nicobar Islands.

Elsewhere : Malaysia.

Shell depressedly conoid, moderately umbilicate, decussately sculptured above, whorls carinate at the sutures last whorl carinate at the periphery and slightly descending.

1060. *Videna pseudosanis* (Fulton)

1895. *Discus pseudonanis* (Nevill) Godwin-Austen, *Proc. zool. Soc.*, Lond., 1895 : 442.
1897. *Trochomorpha (Videna) pseudosanis* : Fulton, *Ann. Mag. nat. Hist.*, (6)20 : 213, pl. 6. fig. 5.
1914. *Trochomorpha (Videna) pseudosanis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 8.
1991. *Videna pseudosanis* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 50, pl. 7, figs. 6, 7.
2002. *Videna pseudosanis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 7.

Distribution : India : Andaman Islands.

Shell much flattened, widely umbilicate, keeled at the periphery.

Near to *V. andamanica*, differs being more flat and more closely sculptured through Godwin-Austen (1895) included the 'manuscript name *pseudosanis*' given by Nevill in his list. Fulton was the first author who provided a description for the species.

1061. *Videna sanis* (Benson)

1861. *Helix sanis* Benson, *Ann. Mag. nat. Hist.*, (3)7 : 84.
1914. *Trochomorpha (Videna) sanis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 8.
1991. *Videna sanis* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 51.
2002. *Videna sanis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 7.
2004. *Videna sanis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 294, fig. 281.

Distribution : India : Andaman and Nicobor Islands.

Shell depressed, narrowly umbilicate, finely, granutely sculptured both above and below, sharply keeled at the periphery, edges of umbilicus rounded.

1062. *Videna subnigritella* (Beddome)

1891. *Trochomorpha subnigritella* Beddome, *Proc. zool. Soc.*, Lond., 1891 : 314, pl. 29, figs. 4-6.
1893. *Trochomorpha subnigritella* : Pilsbry *Man. Conch.*, (2)8 : 127, pl. 43.
1914. *Trochomorpha (Videna) subnigritella* : Gude, *Fauna Brit. India*, Mollusca, 2 : 9.
2002. *Videna subnigritella* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 7.

Distribution : India : Andaman Islands.

Shell moderately umbilicate, depressedly turbinata, proportionately high than any other species in the genus, faintly sculptured, angulate at the periphery.

1063. *Videna sulcipes* (Moerch)

1872. *Nanina (Videna) sulcipes* Moerch, *Journ. Conchyl.*, **20** : 309.
1914. *Trochomorpha (Videna) sulcipes* : Gude, *Fauna Brit. India*, Mollusca, **2** : 9.
1991. *Videna sulcipes* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 51, pl. 8, figs. 6, 7.
2002. *Videna sulcipes* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.
2004. *Videna sulcipes* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 294, fig. 282.

Distribution India : Nicobar Islands.

Shell much depressed, widely umbilicate, faintly decussately sculptured above and below, sharply keeled at the periphery, last whorl descending in front.

1064. *Videna trilineata* (Moerch)

1876. *Nanina (Videna) sulcipes* var. *trilineata* Moerch, *Journ. Conchyl.*, **24** : 355.
- 1893-95. *Discuss trilineata* : Godwin-Austen, *Proc. malac. Soc.*, Lond., **1** : 185, pl. 10, fig. 2.
1914. *Trochomorpha (Videna) trilineata* : *Fauna Brit. India*, Mollusca, **2** : 10.
1991. *Videna trilineata* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 50, pl. 7, figs. 4, 5.
2002. *Videna trilineata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.
2004. *Videna trilineata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 295, fig. 283.

Distribution : India : Nicobar Islands.

Shell depressedly conoid, widely umbilicate, finely striate above, sculpture more distinct below, with brown markings both above and below, last whorl descending.

Superfamily LIMACOIDEA

Family LIMACIDAE

Genus *Limax* Linnaeus, 1758Subgenus *Kasperia* Godwin-Austen, 19141065. *Limax (Kasperia) mayae* Godwin-Austen

2000. *Limax (Kasperia) mayae* : Day and Mitra, *Rec. zool. Surv. India*, **98(2)** : 39.

Distribution : India : North and Western Himalayas.

Genus *Deroceras* Rafinesque, 18201066. *Deroceras laeve* (Mueller)

1774. *Limase laevis* Mueller, *Hist. Verm. Terr. Fluv.*, **2** : 1.

1883. *Deroceras (D.) laeve*: Wiktor, *Annales Zoologici*, 37(1-3) : 163, figs. 79-81.
2000. *Deroceras laeve*: Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 39.
2004. *Deroceras (Deroceras) laeve*: Surya Rao Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, 10(3) : 102, pl. 9, fig. 6. *Zool. Surv. India*.
2007. *Deroceras laeve*: Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, 14 : 124. *Zool. Surv. India*.

Distribution : India : Manipur, Mizoram.

Elsewhere : Natural range covers whole of Holarctic (Wiktor, 1983), subsequently introduced to other areas. This species as also the family Agriolimacidae was for the first time recorded from India by Surya Rao *et al.* (2004).

Remarks : Animal small, up to 20mm in length, grayish with dark spots, narrow posteriorly obtuse and rather truncate; dorsal surface with longitudinal grooves, an indistinct posterior keel present.

A small ovate internal shell, whitish and fairly thick.

Superfamily CAMAENOIDEA

Family CAMAENIDAE

Subfamily CAMAENINAE

Genus *Camaena* Albers, 1850

1067. *Camaena ochthoplax* (Benson)

1860. *Helix ochthoplax* Benson, *Ann. Mag. nat. Hist.*, (3)6 : 160.
1894. *Camaena ochthoplax* : Pilsbry, *Man. Conch.*, (2)9 : 104.
1914. *Camaena ochthoplax* : Gude, *Fauna Brit. India*, Mollusca, 2 : 150.
1995. *Camaena ochthoplax* : Subba Rao, Mitra, Dey and Maity, *Fauna of Meghalaya, State Fauna Series*, 4(Part 8) : 81, pl. 23, fig. 1, 2.
2000. *Camaena ochthoplax* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 39.
2004. *Camaena ochthoplax* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*. p. 297, figs. 284, 285, C 85, C 86.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya.

Elsewhere : Myanmar.

Shell considerably large, depressedly globose, narrowly unilobate, decussately sculptured; whorls 5, rounded, the last subangulate, a little descending; aperture quadrately lunate, margins thickened, expanded.

Genus *Amphidromus* Albers, 18501068. *Amphidromus andamanicus* (Hanley and Theobald)

1876. *Bulimus andamanicus* Hanley and Theobald, *Conch. Indica* : 59, pl. 148, fig. 10.
1961. *Amphidromus furcillatus andamanicus* : Laidlaw and Solem, *Fieldiana (Zool.)*, **41** : 585.
1914. *Amphidromus andamanicus* : Gude, *Fauna Brit. India*, Mollusca, **2** : 184.
1991. *Amphidromus furcillatus andamanicus* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 69, pl. 5, figs. 7, 8.
2002. *Amphidromus andamanicus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.
2004. *Amphidromus andamanicus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, p. 299, figs. C 87, C 88.

Distribution : India : Andaman and Nicobar Islands.

Shell sinistral, elongately conoid, rather large, imperforate, pale yellowish white with oblique or transverse brown bars, finely decussately sculptured; whorls 6–6½, rounded, the last with brown bands; aperture semioval, margins expanded, thickened.

1069. *Amphidromus masoni* (Godwin-Austen)

1876. *Bulimus masoni* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45** : 316.
1914. *Amphidromus masoni* : Gude, *Fauna Brit. India*, Mollusca, **2** : 181.
1985. *Amphidromus masoni* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, **82**(1-4) : 269.
2000. *Amphidromus masoni* : Dey and Mitra, *Rec. zool. Surv. India*, **90**(2) : 39.
2002. *Amphidromus masoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 29.
2004. *Amphidromus masoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 300, figs. C 93, C 94.

Distribution : India : Arunachal Pradesh.

Shell large, sinistral, acuminately elongate; imperfect, thick, polished, whitish with a yellowish green tinge, a narrow band of dark purple runs all along the sutures, finely decussate; whorls 7, flat sided, the last absolutely subangulate; aperture oval, margins reflected, columella with a purple patch.

1070. *Amphidromus sinensis* (Benson)

1851. *Bulimus sinensis* Benson, *Ann. Mag. nat. Hist.*, (2)7 : 264.
1865. *Bulimus sinensis* : Blanford, *J. Asiat. Soc. Beng.*, **34** : 94.
1914. *Amphidromus sinensis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 182.
1995. *Amphidromus sinensis* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(Part 8) : 82, pl. 23, figs. 3, 5.

2002. *Amphidromus sinensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 39.

2004. *Amphidromus sinensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 300, figs. C95, C96.

Distribution : India : Meghalaya (Khasi Hills).

Elsewhere : Bangladesh, China, Myanmar, Vietnam.

Shell large, ovately conical, sinistral, perforate, yellowish white with two chocolate bands below, finely decussately sculptured; whorls 5½, flatty rounded, the last globose, rounded at base; aperture ovate, margins thin, reflected, columella with an oblique groove above.

1071. *Amphidromus sylheticus* (Reeve)

1849. *Bulimus sylheticus* Reeve, *Conch. Icon.*, **5** : *Bulimus*, pl. 77, fig. 564.

1914. *Amphidromus sylheticus* : Gude, *Fauna Brit. India*, Mollusca, **2** : 180.

1990. *Amphidromus sylheticus* : Mitra and Dey, *Rec. zool. Surv. India*, **86**(1) : 63, pl. 4, figs. 3, 4.

1995. *Amphidromus sylheticus* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(Part 8) : 82, pl. 23, fig. 6, pl. 24. fig. 1. Zool. Surv. India.

2000. *Amphidromus sylheticus* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 39.

2000. *Amphidromus sylheticus* : Mookherjee, Thakur, Mitra, and Barua, *Fauna of Tripura, State Fauna Series*, **7**(Part 4) : 350. Zool. Surv. India.

2004. *Amphidromus sylheticus* : Mitra, Dey and Ramakrishna, *Handbook Indian Land Snails*, Zool. Surv. India, p. 302, figs. 286, 287, C97, C98.

2007. *Amphidromus sylheticus* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 124. Zool. Surv. India.

Distribution : India : Meghalaya, Mizoram, Tripura.

Elsewhere : Bangladesh.

Shell ovately conical, sinistral, perforate, thin, greenish yellow, decussately sculptured, whorls 5½, convex the last much globose below; aperture ovate, margins reflected, columella with a shallow groove above.

Nearer to *A. sinensis*, lacks the two bands.

The genus *Amphidromus* is in general arboreal in habit. Specimens of *A. sylheticus* were collected from large trees in Tripura.

Genus *Apatetes* Gude, 1914

1072. *Apatetes bourdilloni* (Theobald)

1876. *Corusia bourdilloni* Theobald, *J. Asiat. Soc. Beng.*, **45** : 185, pl. 15, fig. 3.

1914. *Apatetes bourdilloni* : Gude, *Fauna Brit. India*, Mollusca, **2** : 193.

2002. *Apatetes bourdilloni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 18.
 2004. *Apatetes bourdilloni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails, Zool. Surv. India*, p. 364, figs. 288, 289.

Distribution : India : Kerala (Travancore).

Shell rather small, depressedly conoid, narrowly perforate, brownish with greenish tinge on the base, coarsely, granulosely sculptured, whorls 5, the last sharply keeled; aperture subquadrate, peristome thin, simple, columella reflected.

Genus *Beddomea* Nevill, 1878

1073. *Beddomea bontiae* (Chemnitz)

1786. *Helix bontiae* Chemnitz, *Conch. Cab.*, **9**(2) : 156, pl. 134, figs. 1216, 1217.
 1874. *Bulimus bontiae* : Hanley and Theobald, *Conch. Indica*, p. 34, pl. 80, fig. 5.
 1878. *Amphidromus (Beddomea) bontiae* : Nevill, *Hand List, Moll. Indian Mus.*, **1** : 128.
 1914. *Amphidromus (Beddomea) bontiae* : Gude, *Fauna Brit. India, Mollusca*, **2** : 188.

Distribution India Southern India.

Shell rather large, ovately conoid, perforate, thin, decussately sculptured with three brown bands; whorls 5, rather convex, the last angulate; aperture pyriform, margins expanded and reflected.

The locality 'Bengal' as mentioned by Gude (1914) is confusing.

1074. *Beddomea calcadensis* (Blanford)

1870. *Bulimus calcadensis* (Beddome Ms.), *J. Asiat. Soc. Beng.*, **39** : 18.
 1875. *Bulimus calcadensis* : Hanley and Theobald, *Conch. Indica*, p. 187, pl. 148, fig. 2, 3.
 1878. *Amphidromus (Beddomea) calcadensis* : Nevill, *Hand List, Moll. Indian Mus.*, **1** : 127.
 1914. *Amphidromus (Beddomea) calcadensis* : Gude, *Fauna Brit. India, Mollusca*, **2** : 192.
 2002. *Amphidromus calcadensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 17.

Distribution : Kerala (Calcad Hills).

Shell sinistral narrowly perforate, elongately conoid, minutely decussate, whorls 5½ fairly convex, the last carinate with a brown band along the periphery; aperture subrhomboid, margins expanded, columella reflected.

1075. *Beddomea physalis* (Benson)

1857. *Bulimus physalis* Benson, *Ann. Mag. nat. Hist.*, (2) **19** : 328.
 1866. *Bulimus physalis* : Blanford, *J. Asiat. Soc. Beng.*, **35** : 38.

1901. *Amphidromus (Beddomea) physalis* : Pilsbry, *Man. Conch.*, (2) 14 : 8, pl. 1, fig.13.
 1914. *Amphidromus (Beddomea) physalis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 189.
 2002. *Amphidromus physalis* : Ramakrishna Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 18.
 2004. *Beddomea physalis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, p. 305, figs. 290, 291.

Distribution : India, Tamil Nadu (Nilgiris, Annamalays).

Shell ovately conical, narrowly perforate, greenish white, granutely decussate above; whorls 5½, flat above, the last carinate and tumid at base; aperture truncately roundish, margins reflected, columella with an inside edge.

1076. *Beddomea trifasciata* (Gmelin)

1790. *Helix trifasciata* Gmelin, *Syst. Nat.* 1(6) : 3642.
 1870. *Bulimus trifasciatus* : Hanley and Theobald, *Conch. Indica*, pl. 21, fig. 3.
 1901. *Amphidromus (Beddomea) trifasciatus* : Pilsbry, *Man. Conch.*, (2)14 : 3, pl. 1, figs. 1-6, 8.
 1914. *Amphidromus (Beddomea) trifasciatus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 187.
 2004. *Beddomea trifasciatus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 305, figs. 292, 293.

Distribution : India : Tamil Nadu (Tranquebar).

Elsewhere : Sri Lanka.

Shell ovately oblong, perforate, white with three narrow bands below, two of which extend inside the aperture and irregular brown dots on the shell; whorls 6; aperture ovate, margins reflected. Number and pattern of the bands on the last whorl vary.

Gude (1914) expressed doubt about its occurrence in Tranquebar (Tamil Nadu).

Genus *Chloritis* Beck, 1837

1077. *Chloritis cyclostrema* (Benson)

1863. *Helix cyclostrema* Benson, *Ann. Mag. nat. Hist.*, (3)11 : 88.
 1870. *Helix cyclostrema* : Hanley and Theobald, *Conch. Indica*, pl. 28, fig. 10.
 1914. *Chloritis (Trichochloritis) cyclostrema* : Gude, *Fauna Brit. India*, Mollusca, 2 : 175.
 2002. *Chloritis cyclostrema* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.* 196 : 29.

Distribution : India : 'Someysur, base of Himalayas'

Shell medium sized, conoidly subglobose, sinistral, umbilicate, granulately sculptured; whorls 4½, the last angulate, with a single band, descending; aperture rounded, peristome dilated, reflected.

1078. *Chloritis delibrata* (Benson)

1836. *Helix delibrata* Benson, *J. Asiat. Soc. Beng.*, **5** : 352.
1914. *Chloritis (Trichochloritis) delibrata* : Gude, *Fauna Brit. India*, Mollusca, **2** : 172.
1992. *Chloritis (Trichochloritis) delibrata* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(Part 9) : 108. Zool. Surv. India.
1995. *Chloritis delibrata* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(Part 8) : 83, pl. 23, fig. 4. Zool. Surv. India.
2000. *Chloritis delibrata* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 39.
2004. *Chloritis delibrata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook India Land Snails*, Zool. Surv. India, p. 307, figs. 294, 295.
2007. *Chloritis delibrata* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 125. Zool. Surv. India.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland, West Bengal (Northern part).

Elsewhere : Bangladesh, Myanmar.

Shell depressed, widely umbilicate, semitransparent, pale yellowish, obliquely striate above, finely decussate below (with rows of hairs when fresh); whorls 3½, the last much broad, subangulate below descending in front, aperture subcircular, margins reflected.

Subspecies *fasciata* (Godwin-Austen)

1875. *Helix delibrata* var. *fasciata* Godwin-Austen, *J. Asiat. Soc. Beng.*, **44** : 1, pl. 1, fig. 1.
1990. *Chloritis delibrata* var. *fasciata* : Mitra and Dey, *Rec. zool. Surv. India*, **86**(1) : 63, pl. 4, figs. 5, 6.
1995. *Chloritis delibrata* : (Benson) var. *fasciata* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(Part 8) : 83.

Distribution : India : Arunachal Pradesh, Assam, Meghalaya, Mizoram, Nagaland.

Elsewhere : Bangladesh, Myanmar.

Differs in having a single supra peripheral brown band.

Subspecies *khasiensis* (Nevill)

1877. *Helix (Trachia) delibrata* var. *khasiensis* Nevill, *J. Asiat. Soc. Beng.*, **46** : 21.
1914. *Chloritis (Trichochloritis) delibrata* var. *khasiensis* : Gude, *Fauna Brit. India, Mollusca*, **2** : 173.

Distribution : India : Meghalaya, Nagaland.

Differs being a little more raised with more rounded whorls the umbilicus being less open and the aperture being more contracted.

1079. *Chloritis gabata* (Gould)

1844. *Helix (Caracolla) gabata* Gould, *Boston Journ. Nat. Hist.*, 4 : 454, pl. 24, fig. 9.
 1870. *Helix gabata* : Hanley and Theobald, *Conch. Indica*, pl. 14, fig. 4.
 1894. *Planispira (Trachia) gabata* : Pilsbry, *Man. Conch.*, (2)9 : 116.
 1914. *Chloritis (Tricho-chloritis) gabata* : Gude, *Fauna Brit. India*, Mollusca, 2 : 173.
 2002. *Chloritis gabata* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 39.

Distribution : India : Assam, Meghalaya.

Elsewhere : Myanmar.

Shell depressed, pale horn coloured, openly and deeply umbilicate, obliquely striate; whorls 4½, the last carinate (carina chestnut coloured) and channelled above the periphery; aperture quadrate, peristome reflected.

1080. *Chloritis helferi* (Benson)

1860. *Helix helferi* Benson, *Ann. Mag. nat. Hist.*, (3)6 : 191.
 1894. *Planispira (Trachia) helferi* : Pilsbry, *Man. Conch.*, (2)9 : 116.
 1914. *Chloritis (Tricho-chloritis) helferi* : Gude, *Fauna Brit. India*, Mollusca, 2 : 170.
 2002. *Chloritis helferi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 7.
 2004. *Chloritis helferi* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 308, figs. 296, 297.

Distribution : India : Andaman Islands.

Shell rather small, subdepressedly globose, narrowly but deeply umbilicate, brownish with a yellowish band, closely, obliquely striate, above, decussate below; whorls 4½, the last convex above, angulate around umbilicus; aperture lunate, margins reflected.

1081. *Chloritis hemiopta* (Benson)

1863. *Helix hemiopta* Benson, *Ann. Mag. nat. Hist.*, (3)11 : 318.
 1914. *Chloritis (Tricho-chloritis) hemiopta* : Gude, *Fauna Brit. India*, Mollusca, 2 : 174.
 1991. *Chloritis (Tricho-chloritis) hemiopta* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 70, pl. 6, fig.
 2002. *Chloritis hemiopta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 7, pl. 5, figs. 3, 6.
 2004. *Chloritis hemiopta* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 308, fig. 298.

Distribution : India : Andaman Islands.

Shell subdepressedly conoid, narrowly perforate, whitish with a narrow dark band; granulately sculptured above, decussate below; whorls $4\frac{1}{2}$, convex, the last with a raised girdle around the periphery and a depression above it, descending; lunate, margins reflected, peristome arcuate above.

1082 *Chloritis leithi* Gude

1914. *Chloritis (Trichochloritis) leithi* Gude, *Proc. malac. Soc.*, Lond., **11** : 53, text-fig.
 1914. *Chloritis (Trichochloritis) leithi* : Gude, *Fauna Brit. India*, Mollusca, **2** : 170, fig. 80.
 2002. *Chloritis leithi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 41.

Distribution : India : Maharashtra (Bombay).

Shell depressedly conoid with a sunken apex, umbilicate, transparent with a narrow, chestnut band on the last whorl, finely striate, whorls 4, convex, the last very wide, dilated and descending angulated around umbilicus, aperture subcircular, margins expanded, slightly reflected.

1083. *Chloritis propinqua* (Pfeiffer)

1857. *Helix propinqua* Pfeiffer, *Proc. zool. Soc. Lond.*, **1857** : 109.
 1870. *Helix propinqua* : Hanley and Theobald, *Conch. Indica*, pl. 30, fig. 10.
 1895. *Helix (Planispira) propinqua* : Godwin-Austen, *J. Asiat. Soc. Beng.*, **64** : 156, pl. 7, fig. 4.
 1914. *Chloritis (Trichochloritis) propinqua* : Gude, *Fauna Brit. India*, Mollusca, **2** : 169.
 2002. *Chloritis propinqua* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 47.

Distribution : India : Gujarat, Karnataka, (Belgaon), Kerala, Maharashtra, Orissa.

Shell depressdly conoid, umbilicate, whitish with a reddish band on last whorl, granulately striate with rows of hairs; whorls $4\frac{1}{2}$, flat above the angulate fellows, widening and descending in front, constricted behind thin lip; aperture diagonal, margins thickened, reflected.

1084. *Chloritis wimberleyi* (Godwin-Austen)

1895. *Planispira wimberleyi* Godwin-Austen, *Proc. zool. Soc.*, Lond., **1895** : 449.
 1914. *Chloritis (Trichochloritis) wimberleyi* : Gude, *Fauna Brit. India*, Mollusca; **2** : 171.
 2002. *Chloritis wimberleyi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7.

Distribution : India : Nicobar Islands.

Nearer to *C. helferi*, differ being more narrowly umbilicate, and papillosely sculptured with rows of fine hairs, the whorls are also more convex above.

Genus *Ganesella* Blanford, 1863

1085. *Ganesella acris* (Benson)

1859. *Helix acris* Benson, *Ann. Mag. nat. Hist.*, (3) **3** : 387.

1914. *Ganesella acris* : Gude, *Fauna Brit. India*, Mollusca, 2 : 194.
 1992. *Ganesella acris* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, 3(part 9) : 108. Zool. Surv. India.
 2000. *Ganesella acris* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 39.
 2002. *Ganesella acris* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 47.
 2004. *Ganesella acris* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 310, figs. 299, 300.

Distribution : Arunachal Pradesh, Meghalaya, Nagaland, West Bengal (Jalpaiguri).

Shell trochiform, perforate, thick, yellowish white, with a brownish bands on the last whorl, obliquely striate, whorls 6-7, flattened on sides the last keeled at the periphery, flat on base descending; aperture quadrately lumate, margins expanded, reflected.

1086. *Ganesella capitium* (Benson)

1848. *Helix capitium* Benson, *Ann. Mag. nat. Hist.*, (2)2 : 160
 1870. *Helix capitium* : Hanley and Theobald, *Conch. Indica*, pl. 14, fig. 5.
 1894. *Ganesella capitium* : Pilsbry, *Man. Conch.* (2)9 : 170, pl. 55, fig. 18
 1903. *Ganesella capitium* : Blanford, *Proc. malac. Soc.*, Lond., 5 : 278.
 1914. *Ganesella capitium* : Gude, *Fauna Brit. India*, Mollusca, 2 : 196.
 2004. *Ganesella capitium* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 310, figs. 301, 302.

Distribution : India : Bihar.

Elsewhere : Myanmar, Thailand, Cambodia.

Shell globosely conoid, subtrochiform, narrowly perforate, dark brownish with irregular whitish streaks, finely decussately sculptured; sutures marginate; whorls 5½, the last compressedly keeled, descending; operature roundly quadrate, columellar and based margins reflected.

1087. *Ganesella galea* (Benson)

1859. *Helix galea* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 388.
 1870. *Helix galea* : Hanley and Theobald, *Conch. Indica*, pl. 54, fig. 7.
 1914. *Ganesella galea* : Gude, *Fauna Brit. India*, Mollusca, 2 : 198.
 2000. *Ganesella galea* : Dey and Mitra, *Rec. zool. surv India*, 98(2) : 39.
 2002. *Ganesella galea* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 29.

Distribution : India : Assam, (Teria ghat), Meghalaya, Nagaland.

Shell rather small, conical trochiform, perforate, decussately sculptured, sutures submarginate; whorls 7, convex above; aperture angulately lunate, basal margin arcuate, columella reflected.

Genus *Landouria* Godwin-Austen, 19181088. *Landouria aborensis* Godwin-Austen

1918. *Landouria aborensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 611, Text-figs. 2c, D.

Distribution : India : Arunachal Pradesh (Abor Hills).

1089. *Landouria damsangensis* Godwin-Austen

1918. *Landouria damsangensis* Godwin Austen, *Rec. Indian Mus.*, **8** : 607. Text-figs. 2B, 4 & 5D.

2002. *Landouria damsangensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution : India Sikkim.

1090. *Landouria hengdanensis* Godwin-Austen

1918. *Landouria hengdanensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 608, Text-fig. 2E, 5A-C.

2002. *Landouria hengdanensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196**: 29.

2004. *Landouria hengdanensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 312, fig. 56.

Distribution : India : Arunachal Pradesh, Madhya Pradesh, Maharashtra, Manipur.

Shell small, globosely conoid, openly umbilicate, brownish, obliquely striate with faint spiral markings; whorls 5, narrow, the last rounded, descending, rather flat on base; aperture semilunate, peristome thin, columella reflected.

1091. *Landouria huttoni* (Pfeiffer)

1842. *Helix huttoni* Pfeiffer, *Symb. Hist. Helico.* **2** : 82.

1870. *Helix huttoni* : Hanley and Theobald, *Conch. Indica*, pl. 15, fig.8.

1914. *Plectotropis huttoni* : Gude, *Fauna Brit. India*, Mollusca, **2** : 211.

1985. *Landouria huttoni* : Dey, Barua and Mitra, *Rec. zool. Surv. India*, **82**(1-4) : 270.

2002. *Aegista (Plectotropis) huttoni* : Dey and Mitra, *Rec. zool. Surv. India.*, **98**(2) : 40.

2004. *Landouria huttoni* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*. Zool. Surv. India, p. 311, fig. 303.

2005. *Plectotropis huttoni* : Surya Rao and Mitra, *Fauna of West Himalayas* (part 2), Himachal Pradesh : 46.

Distribution : India : Arunachal Pradesh, Himachal Pradesh, Nagaland, Kashmir, Tamil Nadu, West Bengal (Darjeeling).

Elsewhere : China, Myanmar, Sri Lanka.

Shell rather small, depressedly convex, widely umbilicate, brownish, roughly sculptured with close oblique striate; whorls 6 convex rather narrow, the last angulate or keeled, descending, angulate around umbilicus, aperture lunate, peristome thin, basal margin reflected.

Genus *Mikiria* Godwin-Austen 19181092. *Mikiria diyungensis* Godwin-Austen

1918. *Mikiria diyungensis* Godwin-Austen, *Rec. Indian Mus.*, **8** : 611, Text-fig. 7.

Distribution : India : Diyung Valley, Singpho Hills.

Shell perspective umbilicated to apex, conoid, base flat, keel on the periphery; sculpture irregular. Shell rather close transverse folds of growth; spire moderately high, conic, apex blunt; pale ochraceous colour.

Genus *Oreobba* Pilsbry, 18941093. *Oreobba codonodes* (Pfeiffer)

1846. *Helix codonodes* Pfeiffer, *Proc. zool. Soc.*, Lond., **1846** : 112.

1894. *Obba (Oreobba) codonodes* : Pilsbry, *Man. Conch.*, (2)**9** : 109, pl. 19, fi. 11.

1911. *Oreobba codonodes* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **126** : 71, pl. 5, figs. 10, 11.

2002. *Oreobba codonodes* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 7, pl. 8, figs. 2, 5.

2004. *Oreobba codonodes* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, *Zool. Surv. India*, p. 313, figs. C100.

Distribution : India : Nicobar Islands.

Shell fairly large, solid, globosely conoid, narrowly perforate, yellowish to whitish with a chocolate band, decussately sculptured; whorls 5-6 convex, the last constricted behind peristome, descending; aperture roundish, margins thickened, reflected, columella with a blunt tooth.

The shell shows considerable variations in height/diameter ratio and in colour pattern.

Genus *Trachia* Albers, 18601094. *Trachia albicostis* (Pfeiffer)

1860. *Helix albicostis* Pfeiffer, *Proc. zool. Soc.*, Lond., **1860** : 134.

1894. *Planispira (Trachia) albicostis* : *Man. conch.*, (2)**9** : 116.

1914. *Planispira (Trachia) albicostis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 155.

2002. *Planispira albicostis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 41.

Distribution : India : Maharashtra (Ahmednagar)

Shell rather small, depressed, umbilicate, granulately sculptured with rows of short hairs arranged on tubercles; whorls 4, convex, the last angulate with a shallow furrow above, deflected in front; aperture oval, basal margin reflected.

1095. *Trachia asperella* (Pfeiffer)

1846. *Helix asperella* Pfeiffer, *Symb. Hist., Helic.*, 3 : 78.
1894. *Planispira (Trachia) asperella* : Pilsbry, *Man. Conch.*, (2)9 : 116, pl. 19, fig. 25; pl. 34, fig. 4.
1914. *Planispira (Trachia) asperella* : Gude, *Fauna Brit. India*, Mollusca, 2 : 155.
2002. *Planispira asperella* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.
2004. *Trachia asperella* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 314, fig. C101.
2005. *Planispira asperella* : Mitra, Dey and Ramakrishna, *Fauna of Andhra Pradesh, State Fauna Series*, 5(Part 5) : 248. Zool. Surv. India.

Distribution : India : Andhra Pradesh, Madhya Pradesh, Maharashtra, Rajasthan (Bundelkhand, Chanda).

Shell small, depressed, broadly perforate, yellowish to whitish with chocolate bands of varying formations, granulately sculptured; whorls 4, flat above, the last angulate above, compressed below; aperture semicircular, margins strongly reflected.

1096. *Trachia contracta* (Benson)

1864. *Helix contracta* (Hutton) Benson, *Ann. Mag. nat. Hist.*, (3)13 : 137.
1870. *Helix contracta* : Hanley and Theobald, *Conch. Indica*, 55, figs. 8, 9.
1894. *Planispira (Trachia) contracta* : Pilsbry, *Man. Conch.*, (2)9 : 116.
1914. *Planispira (Trachia) contracta* : Gude, *Fauna Brit. Indica*, Mollusca, 2 : 157.
2002. *Planispira contracta* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.

Distribution : India : Bihar, Delhi, Orissa, Uttar Pradesh, (?Malwa).

Shell discoid, depressed, umbilicate, obliquely striate, whitish with chocolate band above the periphery, sutures impressed; whorls 4, convex, the last compressedly angulate, obliquely descending, excavated near umbilicus, aperture lunate margins expanded reflected.

1097. *Trachia crasscostata* (Benson)

1848. *Helix crasscostata* Benson, *Ann. Mag. nat. Hist.*, (2)2 : 159.
1870. *Helix crasscostata* : Hanley and Theobald, *Conch. Indica*, pl. 50, fig. 10.
1914. *Planispira (Trachia) crasscostata* : Gude, *Fauna Brit. India*, Mollusca, 2 : 158.
1979. *Planispira (Trachia) crasscostata* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 17.
2002. *Planispira crasscostata* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.* 196 : 47.
2004. *Trachia crasscostata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, pl. 315, fig. 304.

Distribution : India : Peninsular India, (South India, Maharashtra).

Shell small, depressed, umbilicate, very coarsely sculptured, with oblique raised ribs, spire scarcely raised, whorls 4, flattened above the last keeled with a circular groove below angulate around umbilicus, descending; aperture circular, margins reflected.

1098. *Trachia fallaciosa* (Ferussac)

1832. *Helix (Helicella) fallaciosa* Ferussac, *Hist. nat. Moll.*, pl. 71, figs. 1-3, expl. pl. p. iii (Liver. 20).

1874. *Helix fallaciosa* : Hanley and Theobald, *Conch. Indica*, pl. 85, figs. 8, 9.

1894. *Planispira (Trachia) fallaciosa* : Pilsbry, *Man. Conch.*, (2)9 : 116.

1914. *Planispira (Trachia) fallaciosa* : Gude, *Fauna Brit. India*, Mollusca, 2 : 157.

2004. *Trachia fallaciosa* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, p. 316, figs, 305, 306.

Distribution : India : Tamil Nadu (Trichinapally, Coimbatore).

Elsewhere : Sri Lanka.

Shell fairly large, depressedly globose, umbilicate, yellowish to whitish usually with more than one bands around periphery, rarely without finely striate whorls 4½–5, flattened above the last rounded dilated and descending in front, angulate around umbilicus, aperture rounded, margins reflected.

1099. *Trachia footei* Stoliczka

1873. *Trachia footei* Stoliczka, *J. Asiat. Soc. Beng.*, 42 : 170.

1875. *Helia footei* : Hanney and Theobald, *Conch. Indica*, pl. 149, fig. 10.

1894. *Planispira (Trachia) footei* : Pilsbry, *Man. Conch.*, (2)9 : 116.

1914. *Planispira (Trachia) footei* : Gude, *Fauna Brit. India*, Mollusca, 2 : 159.

2002. *Planispira footei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.

Distribution : India : Belgaon (Karnataka).

Shell depressed with a slightly raised spire, whitish, openly umbilicate, coarsely, granulately sculptured, ribbings extending over the keeled periphery; whorls 4½–5, fairly convex, the last keeled, descending in front; peristome dilated.

1100. *Trackia nagporensis* (Pfeiffer)

1860. *Helix nagporensis* Pfeiffer, *Proc. zool. Soc.*, Lond., 1860 : 135.

1914. *Planispira (Trachia) nagporensis* : Gude, *Fauna Brit. India*, Mollusca, 2 : 160, fig. 79.

2002. *Planispira nagporensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 41.

Distribution India Maharashtra (Nagpore).

Shell depressed, openly umbilicate, whitish, obliquely striate, whorls 4, fairly convex, the last rounded, deflected and descending in front; aperture oval, margins reflected.

1101. *Trachia nilagerica* (Pfeiffer)

1845. *Helix nilagerica* Pfeiffer, *Proc. zool. Soc.*, Lond., 1845 : 130.

1870. *Helix nilagerica* : Hanley and Theobald, *Conch. Indica*, pl. 55, figs. 6, 7.

1894. *Planispira (Trachia) nilagerica* : Pilsbry, *Man. Conch.*, (2)9 : 116.

1914. *Planispira (Trachia) nilagerica* : Gude, *Fauna Brit. India*, Mollusca, 2 : 154.

2002. *Planispira nilagerica* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution India Tamil Nadu (Nilgiris/Trichinapally)

Shell medium sized, depressed, umbilicate, striate, whitish with chocolate bands on last whorl; whorls 5, convex, the last abruptly deflected near the mouth, aperture oval, peristome simple, reflected at base.

1102. *Trachia proxima* (Ferussac)

1832. *Helix (Helicella) proxima* Ferussac, *Hist. nat. Moll.*, pl. 71, fig. 5. Expl. pl. p. iii (Livr. 18)

1870. *Helix proxima* : Hanley and Theobald. *Conch. Indica*, pl. 28, fig. 5.

1894. *Planispira (Trachia) proxima* : Pilsbry, *Man. Conch.*, (2)9 : 116

1914. *Planispira (Trachia) proxima* : Gude, *Fauna Bril. India*, Mollusca, 2 : 162.

2002. *Planispira proxima* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 17.

Distribution India : Tamil Nadu.

Shell rather large, depressedly conoid, umbilicate, finely obliquely striate, minute spirals are also seen; whitish with brown bands; whors 5½, convex above, flat below, the last dilated in front; aperture brownish, ovate, peristome thickened, expanded, basal margin strongly reflected.

1103. *Trachia ruginosa* (Ferussac)

1832. *Helix (Helicella) ruginosa* Ferussac, *Hist. nat. Moll.*, pl. 71, fig. 4. Expl. Pl. p. iii (Livr. 18).

1894. *Planispira (Trachia) ruginosa* : Pilsbry, *Man. Conch.*, (2)9 : 116.

1914. *Planispira (Trachia) ruginosa* : Gude, *Fauna Brit. India*, Mollusca, 2 : 161.

2002. *Planispira ruginosa* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 47.

2004. *Trachia ruginosa* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 317, figs. 307, 208.

Distribution : India : Tamil Nadu (Madurai, Trichinapally).

Shell is nearer to that of *T. asperella* in general, differs being more coarsely sculptured and also being more raised in the spire.

1104. *Trachia sordida* (Pfeiffer)

1842. *Helix sordida* Pfeiffer, *Symb. Hist. Helic.*, 2 : 39.
 1894. *Planispira (Trachia) sordida* : Pilsbry, *Man. Conch.*, (2)9 : 116.
 1914. *Planispira (Trachia) sordida* : Gude, *Fauna Brit. India*, Mollusca, 2 : 161.

Distribution : India : Pondicherry.

Shell medium sized, globosely depressed, perforate, rugosely striate, whorls 4½, fairly convex, the last angulate above, inflated below, aperture lunately rounded, peristome thin, reflected.

1105. *Trachia trochalia* (Benson)

1861. *Helix trochalia* Benson, *Ann. Mag. nat. Hist.*, (3)7 : 82.
 1894. *Planispira (Trachia) trochalia* : Pilsbry, *Man. Conch.*, (2)9 : 115, pl. 34, figs. 4, 5.
 1914. *Planispira (Trachia) trochalia* : Gude, *Fauna Brit. India*, Mollusca, 2 : 164.
 1991. *Planispira trochalia* : Subba Rao and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 126 : 70, pl. 5; fig. 9.
 2002. *Planispira trochalia* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 7, pl. 8, figs.. 3, 4.
 2004. *Trachia trochalia* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 318, figs., C102, C103, 309.

Distribution : India : Andaman Islands.

Shell large, thick, orbiculately conoid, narrowly perforate, reddish brown, finely, decussately striate, whorls 5, flattened above, the last keeled at the periphery, compressed below the keel, contracted behind peristome, descending; aperture lunate, margins expanded, reflected.

1106. *Trachia vittata* (Mueller)

1774. *Helix vittata* Muller, *Verm. Terr. Fluv.*, 2 : 76.
 1875. *Helix vittata* : Hanley and Theobald, *Conch. Indica*, pl. 130, fig. 10.
 1894. *Planispira (Trachia) vittata* : Pilsbry, *Man. Conch.*, (2) 9 : 115, pl. 19, fig. 24.
 1914. *Planispira (Trachia) vittata* : Gude, *Fauna Brit. India*, Mollusca, 2 : 164.
 2004. *Trachia vittata* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 325, figs. e 104, 105.

Distribution : India : Kerala, Tamil Nadu.

Elsewhere : Sri Lanka.

Shell fairly large, globosely conoid, thick, perforate, yellowish to whitish with coloured bands of varying numbers, deep chocolate inside the aperture, obliquely striate; whorls 4½–5, convex, the last globosely rounded, descending; aperture ovate, margins expanded and reflected.

This species inhabit bushy patches near coastal areas, empty shells remain scattered on the sandy stretches.

Superfamily HELICOIDEA

Family BRADYBAENIDAE

Subfamily BRADYBAENINAE

Genus *Bradybaena* Beck, 1837

1107. *Bradybaena cestus* (Benson)

1836. *Helix cestus* Benson, *J. Asiat. Soc. Beng.*, **5** : 353.

1876. *Helix (Trachia) cestus* : Godwin-Austen, *J. Asiat. Soc., Beng.*, **45** : 312.

1914. *Eulota cestus* : Gude, *Fauna Brit. India, Mollusca*, **2** : 200.

2000. *Bradybaena cestus* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 39.

2004. *Bradybaena cestus* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India*, p. 320, figs 310, 311.

Distribution : India : Arunachal Pradesh, Assam.

Elsewhere : Cambodia, Bangladesh (Sylhet).

Shell depressedly conoid, narrowly perforate, pale white to reddish brown with a narrow band on last whorl, finely granulate, whorls 5, fairly convex, the last subangulate; aperture roundly lunate, margins thin, slightly expanded and reflected.

1108. *Bradybaena radiculicola* (Benson)

1848. *Helix radiculicola* Benson, *Ann. Mag. nat. Hist.*, (2)**2** : 161.

1914. *Eulota radiculicola*: Gude, *Fauna Brit. India, Mollusca*, **2** : 205.

2000. *Bradybaena radiculicola* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 39.

2002. *Bradybaena radiculicola* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.

2004. *Bradybaena radiculicola* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails, Zool. Surv. India*, p. 321, figs. 312, 313.

2005. *Bradybaena radiculicola* : Surya Rao and Mitra, *Fauna of Western Himalayas (Part 2)*, Himachal Pradesh, p. 46.

Distribution : India : Himachal Pradesh, Sikkim, Uttarakhand.

Shell subglobosely conoid, minutely perforate, brownish, finely decussate; whorls 4½, convex, the last obtusely angulate at the periphery; aperture subquadrately rounded, margins thin, reflected arcuate above.

1109. *Bradybaena scalpturita* (Benson)

1859. *Helix scalpturita* Benson, *Ann. Mag. nat. Hist.*, (3)3 : 391.
 1865. *Helix scalpturita* : Blanford, *J. Asiat. Soc. Beng.*, 34 : 88.
 1870. *Helix scalpturita* : Hanley and Theobald, *Conch. Indica*, pl. 53, fig. 9.
 1914. *Eulota scalpturita* : Gude, *Fauna Brit. India*, Mollusca, 2 : 203.
 1979. *Eulota scalpturita* : Subba Rao and Mitra, *Rec. zool. Surv. India*, 75 : 18.

Distribution : India : Maharashtra.

Elsewhere : Myanmar.

Shell fairly large, globosely depressed, umbilicate, decussately sculptured, whitish with one band, whorls 5½, convex, the last rounded descending slightly in front; aperture roundly lunate, margins expanded.

1110. *Bradybaena similaris* (Ferussac)

1822. *Helix (Helicogena) similaris* Ferussac, *Hist. nat. Moll.*, 15, pl. 25B, fig.1 (var. a), fig. 4 (var. B).
 1865. *Helix similaris* : Blanford, *J. Asiat. Soc. Beng.*, 34 : 88.
 1870. *Helix similaris* : Hanley and Theobald, *Conch. Indica*, pl. 53, fig. 1.
 1914. *Eulota similaris* : Gude, *Fauna Brit. India*, Mollusca, 2 : 2000.
 2004. *Bradybaena similaris* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 322, figs. 314, 315.
 2005. *Bradybaena similaris* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, 104 (3-4) : 11, pl. 2, figs. 7, 8.

Distribution : India : Arunachal Pradesh, Assam, Manipur, Mizoram.

Elsewhere : Argentina, Brazil, China, Cuba, Japan, Indonesia, Malaysia, Myanmar, South Africa, Philippines, Sri Lanka, Thailand, West Indies, also various Pacific Islands.

Shell rather small, depressedly globose, openly perforate, pale whitish to brownish, sometimes with a narrow band, finely decusate; whorls 5-6, convex, the last rounded or subangulate; apertures roundly lunate, margins dilated, reflected; edge of perforation angulate.

Genus *Aegista* von Martens, 1860Subgenus *Aegista* S str.1111. *Aegista (Aegista) catostomu* (Blanford)

1869. *Helix (Trachia) catostoma* Blanford, *Proc. zool. Soc.*, Lond., 1869 : 447.
 1870. *Helix (Trachia) catostoma* : Hanley and Theobald, *Conch. Indica*, pl. 56, figs. 2, 3.
 1914. *Aegista catostoma* : Gude, *Fauna Brit. India*, Mollusca, 2 : 219.

2000. *Aegista catostoma* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 39.

Distribution : India Meghalaya, Nagaland.

Elsewhere : China, Myanmar.

Shell fairly large, depressed with a convex spire narrowly umbilicate, decussately sculptured; whorls 7, convex, the last rounded above, excavated near perforation; aperture subquadrate, upper margin sinuate, basal margin straight with a dentition on the columella.

1112. *Aegista (Aegista) coeni* Preston

1914. *Aegista coeni* Preston, *Proc. malac. Soc.*, Lond., **11** : 19, text-fig.

1914. *Aegista coeni* : Gude, *Fauna Brit. India*, Mollusca, **2** : 222.

2000. *Aegista coeni* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.

2002. *Aegista coeni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196.

Distribution : India : Nagaland.

Shell subglobose depressed, broadly umbilicate, reddish brown, obliquely striate above, decussate on base; whorls 6 convex, the last rounded, descending in front, aperture subcircular, peristome thin, reflected, columella expanded above.

1113. *Aegista (Aegista) congener* Preston

1914. *Aegista congener* Preston, *Proc. malac. Soc.*, Lond., **11** : 20, txt. figs.

1914. *Aegista congener* : Gude, *Fauna Brit. India*, Mollusca, **2** : 221.

2000. *Aegista congener* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.

2002. *Aegista congener* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 29.

Distribution : India : Nagaland.

Shell depressedly trochiform, narrowly umbilicate, finely decussate, distinctly on lower whorls; number of whorls 6 slightly convex, the last bluntly angulate, flattened below, dilated and descending; aperture roundly ovate, margins thickened, reflected.

1114. *Aegista (Aegista) mitanensis* (Godwin-Austen)

1889. *Helix (Aegista) mitanensis* Godwin-Austen, *Ann. Mag. nat. Hist.*, (6)**3** : 108.

1895. *Eulota (Plectotropis) mitanensis* : Pilsbry, *Man. Conch.*, (2)**9** : 209.

2004. *Aegista (Aegista) mitanensis* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 323, fig. 316.

Distribution : India Manipur.

Elsewhere : Myanmar.

Shell globosely conoid, openly perforate, greenish brown, finely decussately sculptured; whorls 6, convex, the last subangulate rounded below, dilated and descending in front, aperture subcircular, peristome thin, simulate above, columella reflected.

Subgenus *Plectotropis* von Martens, 1860

1115. *Aegista (Plectotropis) nutans* (Gude)

1914. *Plectotropis nutans* Gude, *Proc. malac. Soc.*, London, **11** : 55, text. fig.

1914. *Plectotropis nutans* : Gude, *Fauna Brit. India*, Mollusca, **2** : 213, fig. 83.

2000. *Aegista (Plectotropis) nutans* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 40.

2002. *Aegista nutans* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 29.

Distribution : India : Meghalaya.

Shell depressedly conoid, widely umbilicate, yellowish, finely decussate above, spirals more distinct on base, whorls 5–5½, flattened above, to last keeled above, angulate around umbilicus, descending slightly; aperture subcircular, peristome thin, expanded, reflected.

1116. *Aegista (Plectotropis) oldhami* (Benson)

1859. *Helix oldhami* Benson, *Ann. Mag. nat. Hist.*, (3)**3** : 185.

1870. *Helix oldhami* : Hanley and Theobald, *Conch. Indica*, pl. 15, fig. 7.

1895. *Eulota (Plectotropis) oldhami* : Pilsbry, *Man. Conch.*, (2)**9** : 209.

1914. *Plectotropis oldhami* : Gude, *Fauna Brit. India*, Mollusca, **2** : 212.

2004. *Aegista (Plectotropis) oldhami* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 324, figs. 317, 318.

2007. *Plectotropis oldhami* : Surya Rao, Mitra and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 124. Zool. Surv. India.

Distribution : India : Assam.

Elsewhere : Myanmar.

Shell fairly large, orbiculately depressed, widely umbilicate, greenish brown, roughly decussately sculpture; whorls 6-7, scarcely convex above, the last bluntly angulate above the periphery, descending, compressed below, angulate around umbilicus; aperture roundish, peristome thin, reflected.

1117. *Aegista (Plectotropis) tapeina* (Benson)

1836. *Helix tapeina* Benson, *J. Asiat. Soc. Beng.*, **5** : 352.

1914. *Plectotropis tapeina* : Gude, *Fauna Brit. India*, Mollusca, **2** : 214.

1990. *Plectotropis tapeina* : Mitra and Dey, *Rec. zool. Surv. India*, **86**(1) : 54, pl. 3, figs. 1, 2.
1992. *Plectotropis tapeina* : Thakur, Mitra and Maitra, *Fauna of West Bengal, State Fauna Series*, **3**(Part 9) : 110. Zool. Surv. India.
1995. *Plectotropis tapeina* : Subba Rao, Mitra, Dey and Maitra, *Fauna of Meghalaya, State Fauna Series*, **4**(Part 8) : 83, pl. 24, figs. 2, 3. Zool. Surv. India.
2000. *Aegista (Plectotropis) tapeina* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.
2003. *Plectotropis tapeina* : Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(Part 5) : 143. Zool. Surv. India.
2004. *Plectotropis tapeina* : Surya Rao, Mookherjee, Mitra, Manna and Barua, *Fauna of Manipur, State Fauna Series*, **10**(Part 3) : 101, pl. 11, fig. 5. Zool. Surv. India.
2004. *Aegista (Plectotropis) tapeina* : Mitra, Dey and Ramakrishna, *Pictorial Handbook Indian Land Snails*, Zool. Surv. India, p. 325, fig. 319.
2005. *Aegista (Plectotropis) tapeina* : Ramakrishna, Mitra and Mukherjee, *Rec. zool. Surv. India*, **104**(3-4) : 10, pl. 3, figs. 7, 8.
2007. *Plectotropis tapeina* : Surya Rao, Mitra, and Dey, *Fauna of Mizoram, State Fauna Series*, **14** : 124. Zool. Surv. India.

Distribution : India : Widely distributed throughout the whole of north-eastern states including northern part of West Bengal.

Elsewhere : Bangladesh (Sylhet), Myanmar.

Shell fairly large, rather lenticular, thick, widely umbilicate, greenish, obliquely striate with faint spirals, whorls 6-7, flat above, the last angulate above, convex below, descending aperture subcircular, margins reflected.

The shell shows wide variations in height/diameter ratio, peripheral angulation and also in umbilical opening. Gude (1914) has recognised a number of varieties, one of which, *theobaldiana* (Tapparone and Canefri) was recorded from Assam, India.

Genus *Cathaica* Moellendorff. 1884

Subgenus *Campylocathaica* Andreae, 1900

1118. *Cathaica mataianensis* (Nevill)

1878. *Helix (Fruticicola) mataianensis* Nevill, *Scient. Res. Second Yarkand Mission*, p. 3, figs. 7-9.
1895. *Eulota (Pseudiberus) mataianensis* : Pilsbry, *Man. Conch.*, (2)**9** : 207.
1914. *Cathaica (Campylocathaica) mataianensis* : Gude, *Fauna Brit. India*, Mollusca, **2** : 208.
1972. *Cathaica mataiaensis* : Rajagopal and Subba Rao, *Rec. zool. Surv. India*, **66** : 199.
2000. *Cathaica mataianensis* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.
2002. *Cathaica mataianensis* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.

Distribution : India : Kashmir (11,200 ft.).

Shell rather small, depressedly conoid, openly umbilicate, thin; whitish, mottled with pale brown, irregularly sculptured with raised ribs; sutures excavated, last whorl keeled, convex, beneath; aperture ovate, peristome reflected, columella expanded.

1119. *Cathaica phaeozona* von Martens

1874. *Helix phaeozona* von Martens, *Imp. Obsh. Lyubi. Estest. Antrop. Etnoghr.*, 11(1) : 13, pl. 1, fig. 8; pl. 3, fig. 39.
1878. *Helix (Fruticicda) phaeozona* : Nevill, *Sci. Res. Sec. Yarkand Mission*, p. 2. figs. 1-3.
1895. *Eulota (Eulota) phaeozona* : Pilsbry, *Man. Conch.*, (2)9 : 204.]
1914. *Cathaica phaeozona* : Gude, *Fauna Brit. India*, Mollusca, 2 : 208.
1972. *Cathaica phaeozona* : Rajagopal and Subba Rao, *Rec. zool. Surv. India*, 66 : 199.
2000. *Cathaica phaeozona* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 40.

Distribution : India : Kashmir.

Elsewhere : Turkey.

Shell conoidly subglobose, narrowly perforate, decussately sculptured, whitish; whorls 5½, convex, the last descending in front, convex at base; aperture lunately rounded, margins dilated.

Superfamily ARIONOIDEA

Family ARIONIDAE

Subfamily ANADENINAE

Genus *Anadenus* Heynemann, 1863

1120. *Anadenus altivagus* (Theobald)

1862. *Limase altivagus* Theobald, *J. Asiat. Soc., Beng.*, 21 : 489.
1881. *Anadenus altivagus* Theobald, *J. Asiat. Soc., Beng.*, 50 : 47.
1882. *Anadenus altivagus*: Godwin-Austen, *Land and Freshwater Moll. India*, 1 : 49, pl. 6, figs. 2, 7, pl.7, figs. 1, 5, 6.
1914. *Anadenus altivagus* : Gude, *Fauna Brit. India*, Mollusca, 2 : 470, figs.146-149.
1972. *Anadenus altivagus* : Rajagopal and Subba Rao, *Rec. zool. Surv. India*, 66(1-4) : 205, pl. 1, figs. 1-3.
2000. *Anadenus altivagus* : Dey and Mitra, *Rec. zool. Surv. India*, 98(2) : 40.
2002. *Anadenus altivagus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, 196 : 39.
2005. *Anadenus altivagus* : Surya Rao and Mitra, *Fauna of Western Himalaya*, (Part 2), Himachal Pradesh : 47.

Distribution : India : Himachal Pradesh, Kashmir, Uttarakhand (6000-9000 ft).

Elsewhere : Nepal, Pakistan.

Remarks : Animal rounded above, foot slightly pointed behind, no gland, pedal margin narrow; mantle shield on the anterior part; respiratory and anal orifices on the anterior side(just behind the centre of the shield).

Internal shell thin, small, quadrate, whitish with growth markings, pointed above a little rounded below. Length upto 70 mm.

1121. *Anadenus banerjeei* Rajagopal

1973. *Anadenus banerjeei* Rajagopal, *Zool. Anz. Leipzig*, **190**(5-6) : 416.

Distribution : India : Uttarakhand (Gunji, Pithoragarh).

1122. *Anadenus beebei* Cockerell

1913. *Anadenus beebei* Cockerell, *Bull. Amer. Mus. Nat. Hist.*, **32** : 617, figs 1-7.

1914. *Anadenus beebei* : Gude, *Fauna Brit. India*, Mollusca, **2** : 475.

2000. *Anadenus beebei* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.

2002. *Anadenus beebei* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.

Distribution : India : Uttarakhand, Uttar Pradesh.

Elsewhere : Pakistan (North West province).

Remarks Animal larger exceeding 100 mm in length, with a blackish neck, lateral areas of sole of foot plumbeous, dark mantle reticulate with deep furrows, body with oblique grooves.

Internal shell thin membranous, with calcareous granules.

1123. *Anadenus blanfordi* Godwin-Austen

1882. *Anadenus blanfordi* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 53.

1914. *Anadenus blanfordi* : Gude, *Fauna Brit. India*, Mollusca, **2** : 479.

2000 *Anadenus blanfordi* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.

2002. *Anadenus blanfordi* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.

Distribution : India : Sikkim, West Bengal (Darjeeling, 7000 ft).

Remarks : A smaller form, upto 44 mm in length, dark brown with dark grey mottling on the upper part of foot. Warty tuberances on the epidermis make it distinct from other species.

1124. *Anadenus dalhousiensis* Bhatia

2005. *Anadenus dalhousiensis*: Surya Rao and Mitra, *Fauna of Western Himalaya*, Part 2, (Himachal Pradesh), p. 47.

Distribution : India : Himachal Pradesh.

1125. *Anadenus giganteus* Heynemann

1863. *Anadenus giganteus* Heynemann, *Malak Blatt.*, **10** : 140, pl.1, figs 1a-1h.
 1882. *Anadenus giganteus* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 48.
 1914. *Anadenus giganteus* : Gude, *Fauna Brit. India*, Mollusca, **2** : 474, fig. 150.
 2000. *Anadenus giganteus* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 40.
 2002. *Anadenus giganteus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 38.

Distribution : India : Uttarakhand, Uttar Pradesh.

Remarks : The animal externally similar to *A. altivagus*, except being larger (upto 80-100 mm).

Internal shell is larger in size, thicker with more pointed apex.

1126. *Anadenus jerdoni* Godwin-Austen

1882. *Anadenus jerdoni* Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 52, pl. 7, fig. 7.
 1914. *Anadenus jerdoni* : Gude, *Fauna Brit. India*, Mollusca, **2** : 478, fig. 152.
 1972. *Anadenus jerdoni* : Rajagopal and Subba Rao, *Rec. zool. Surv. India*, **66(1-4)** : 198.
 2000. *Anadenus jerdoni* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 40.
 2002. *Anadenus jerdoni* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.

Distribution : India : Kashmir.

Remarks : Animal larger, more than 100 mm in length, mantle finely papillate in live condition.

1127. *Anadenus modestus* (Theobald)

1862. *Limax modestus* Theobald, *J. Asiat. Soc., Beng.*, **21** : 489.
 1876. *Anadenus modestus* : Theobald, *Cat. Land and Freshwater Shells Brit. India addenda i*.
 2000. *Anadenus modestus* : Dey and Mitra, *Rec. zool. Surv. India*, **98(2)** : 40.
 2002. *Anadenus modestus* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.

Distribution : India : Near Fagu, Narkanda, Saraon.

Remarks : Much smaller in size, olive brown in colour, the mantle speckled with black, two black lines on both sides of extremity of foot.

1128. *Anadenus schlagintweiti* Heynemann

1863. *Anadenus schlagintweiti* Heynemann, *Malak. Blatt.*, **10** : 141, pl. 1, figs 2a-2e.
 1882. *Anadenus schlagintweiti* : Godwin-Austen, *Land and Freshwater Moll. India*, **1** : 51, pl. 7, fig. 3.
 1914. *Anadenus schlagintweiti* : Gude, *Fauna Brit. India*, Mollusca, **2** : 477, fig. 151.
 2000. *Anadenus schlagintweiti* : Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.
 2002. *Anadenus schlagintweiti* : Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper*, **196** : 39.
 2005. *Anadenus schlagintweiti* : Surya Rao and Mitra, *Fauna of Western Himalaya*, (Part 2), p. 47.

Distribution : India : Himachal Pradesh : Rotung Pass.

Remarks : Animal rather smaller, 45-60 mm in length, grayish to blackish in colour. Young slugs are with black spots and bands, which disappear with age (Gude (1914).

Shell broad, moderately thick, flat.

Family PHILOMYCIDAE

Genus *Philomycus* Rafinesque, 1820

Subgenus *Meghimatium* Hasselt, 1824

1129. *Philomycus (Meghimatium) striatum* Hasselt

1823. *Meghimatium striatum* van Hasselt, *Alg-Konst Lettr Bode*, p. 232.
 1876. *Philomycus (Incillaria) campestris* Godwin-Austen, *J. Asiat. Soc. Beng.*, **45** : 315, pl. 8, fig.3.
 1914. *Incillaria campestris*: Gude, *Fauna Brit. India*, Mollusca, **2** : 480.
 1992. *Incillaria campestris*: Thakur, Mitra and Moitra, *Fauna of West Bengal, State Fauna Series*, **3** (part 9) : 93. Zool. Surv. India.
 2000. *Philomycus (Incillaria) campestris*: Dey and Mitra, *Rec. zool. Surv. India*, **98**(2) : 40.
 2002. *Philomycus (Incillaria) campestris*: Ramakrishna and Mitra, *Rec. zool. Surv. India, Occ. Paper No.*, **196** : 39.
 2003. *Meghimatium striatum*: Dey, Barua and Mitra, *Fauna of Sikkim, State Fauna Series*, **9**(part 5) : 137. Zool. Surv. India.
 2004. *Meghimatium striatum*: Surya Rao, Mookherjee, Mitra, Manna and Barua, *State fauna Series, Fauna of Manipur*, **10**(3) : 101, pl. 9, fig. 4, pl. 14, fig. 2. Zool. Surv. India.

Distribution : India : Assam, Arunachal Pradesh, Manipur, Sikkim, West Bengal (Jalpaiguri).

Remarks : Animal rather small, elongate, spindle shaped, posteriorly pointed, without shell; yellowish and brownish stripes laterally and dorsally. Sole of foot wrinkled, but undivided.

SUMMARY AND GENERAL DISCUSSION

In all 1129 species of land molluscs falling under 138 genera, 34 families, 4 orders and 3 subclasses are recorded from India. Out of the 1129 species, 943 are endemic to Indian subcontinent.

Bio-geographical : endemicity of the species

The Palaearctic region has 224 endemic species of which Trans Himalayan region's share is a meager 3 species. The remaining 221 are from the Himalayan regions. The eastern Himalaya has the highest number of endemic species 129. The Palaetropical: African accounts for 13 endemic species of which desert region represent 2 and arid zone region 11. Fourteen species are endemic to Palaearctic and Palaetropical : African regions. The Palaetropic: Indo-Malayan region have 722 endemic species of which 142 are from the Western Ghats, 112 from Deccan Peninsular region and 4 from the Gangetic plains. Out of the 142 endemic species from the Western Ghats, 19 are from Malabar Coast and rest 123 from Western Ghats mountains. Among the Deccan Peninsular's 112 endemic species, 4 are from the Central Highlands, 15 from Chhotanagpur, 14 from the Eastern Plateau, 21 from the Central Plateau and 67 from the southern Deccan Plateau including the plains of Tamil Nadu, the Eastern Ghats (South) and Karnataka Plateau. The 4 species endemic to the Gangetic plains are mostly from the lower plains, i.e. from Bihar, Jharkhand and West Bengal. Out of the Indo-Malayan sub-regions 722 endemic species, the north-east harbours the maximum number, 254. The Andaman and Nicobar Islands 88 and the Minicoy only one species. Thirty species endemic to more than one region. In addition another 5 species are recorded as endemic to India with no specific localities. Overall the average % of endemicity reaches upto 83.45%, shared by the 4 orders as follows: Archaeogastropoda 80%, Mesogastropoda 87.6%, Soleolifera 50% and Stylommatophora 81.84%.

Classification-wise endemicity of the species in different regions

Order Archaeogastropoda is represented by 2 families namely, Hydrocenidae and Helicinidae. Family Hydrocenidae covers 3 genera of which only *Georissa* is represented in India (Andaman Islands). Helicinidae with 27 genera under 4 subfamilies is represented by 2 genera and 9 species of which 8 are endemic to the Andaman and Nicobar islands.

Out of the five families under Mesogastropoda, Cyclophoridae the biggest one included 4 subfamilies and 34 genera. Three subfamilies, 17 genera and 240 species are recorded from India, 202 species are endemic. Subfamily Cyclophorinae has 106 species, 84 of which are endemic. Alycaeinae covers 106 species with 92 endemic and Pterocyclinae includes 28 Indian species 26 of which are endemic. Out of 202 endemic species, the north-east accommodated the maximum number 71, followed by Himalayan region 50; Deccan Peninsula

35, Western Ghats 20, Andaman and Nicobar Islands 18, one from Gangetic plains and 7 are represented from more than one zone.

Of the 42 species under genus *Cyclophorus* 26 are endemic to India, 7 from Himalaya, 3 from Western Ghats, 2 from Decan Peninsula, 8 from north-east and 6 from Andaman and Nicobar islands. All the 4 species of *Craspedotropis* are endemic, 3 from Decan Peninsula and one from north-east. *Cyathopoma* represented by 28 species of which 27 are endemic; 17 from Decan Peninsula, 5 from Western Ghats, 3 from north-east and 2 from Andaman and Nicobar islands. *Diptropis* includes 3 endemic species, all from Decan Peninsula. *Japonia* has 9 endemic species, 2 from Himalaya, one from Western Ghats, 5 from Andaman and Nicobar islands and one from Himalaya as well as north-east regions. *Leptopoma* represented by 3 species, of which one is endemic to Andaman and Nicobar islands. *Leptopomoides* and *Scabrina* are represented by one endemic species each from Decan Peninsula and north-east respectively. Of the two species of *Micraulax* one is endemic to Decan Peninsula. *Mychopoma* has 3 endemic species from Western Ghats. *Theobaldius* includes 10 species; all are endemic; 2 from Himalaya, 4 from Western Ghats, 2 from Decan Peninsula and 2 from Himalaya as well as north-east regions.

Genus *Alycaeus* is represented by 23 species of which 22 are endemic; 12 from north-east, 9 from Himalaya and one from Andaman and Nicobar islands. *Chamalycaeus* includes 65 species, 56 of which are endemic; 32 from north-east, 16 from Himalaya 2 from Western Ghats, 3 from Andaman and Nicobar islands and 3 from Himalaya as well as north-east regions. Of the 14 species under *Cyclorhynchus*, 11 are endemic; 8 from north-east and 3 from Himalayan region. *Dioryx* represented by 4 species with 3 endemic; 2 to Himalaya and one to north-east.

Pterocyclus is represented by 14 species of which 12 are endemic; 4 from Himalaya, 2 from Western Ghats, 4 from Decan Peninsula one from north-east and one from Himalaya as well as north-east. *Pearsonia* includes 14 species and all of them are endemic; 5 from Himalaya, 3 from Decan Peninsula, 4 from north-east and 2 from Himalaya as well as north-east regions.

Family Diplomatinae represented by 81 species under 5 genera, 76 of these are endemic; 40 to north-east, 16 from Himalaya, 9 from Western Ghats, 6 from Decan Peninsula, one from Andaman and Nicobar Islands and 4 from more than one zones.

Genus *Diplomatina* represented by 66 species, has 60 endemic species; 16 from Himalaya, one from Western Ghats, 2 from Decan Peninsula, 39 from north-east and 2 are represented from Himalaya as well as north-east regions. *Gastroptychia* and *Palaina* have one endemic species each, from north-east and Andaman and Nicobar islands respectively. *Nicida* represented by 8 endemic species; 6 from Western Ghats and 2 from Decan Peninsula.

Opisthostoma also represented by 5 endemic species; 2 from Western Ghats, 2 from Decan Peninsula and one from both the two zones.

Family Pupinidae includes 2 subfamilies and 14 genera in total. 24 species under 6 genera are represented from India. Genus *Pupina* has 2 species, one of them endemic to Andaman and Nicobar islands. *Nodopomatias* includes 2 endemic species to Eastern Himalaya. *Pseudopomatias* covers 5 endemic species; 4 from Himalaya and one from north-east. *Raphaulus* has 8 endemic species; 7 from Eastern Himalaya and one from Himalaya as well as north-east zone. *Schistoloma* covers 2 endemic species; one from Himalaya and other from Himalaya as well as north-east region. *Tortulosa* having 5 endemic species and all from Western Ghats region.

Family Pomatiasidae which includes 2 subfamilies and 10 genera, is represented in India by 2 genera and 6 species all of them are endemic. *Otopoma* has one endemic species from Gujarat and *Cyclotopsis* has 5 endemic species; 3 from Western and 2 from Decan Peninsula.

Family Assimineidae, basically a marine family also includes several terrestrial taxa. It is represented in India by 2 genera and 12 species, all of them are endemic. Genus *Acmella* includes 5 endemic species; one from Decan Peninsula, 2 from north-east and 2 from Andaman and Nicobar islands whereas *Omphalotropis* represented by 7 endemic species; one from Decan Peninsula and rest 6 from Andaman and Nicobar islands.

Order Soleolifera comprises 2 families. Under family Veronicellidae genus *Filicaulis* represented by 3 species and 2 of them are endemic, one to Decan Peninsula and other from Andaman Islands. Family Rathouissiidae includes 2 endemic species; one from Himalaya and other from north-east, under genus *Atopos*.

Order Stylommatophora is represented by 25 families 99 genera and 748 species of which 619 are endemic species. The maximum representation is from the family Ariophantidae which includes 29 genera and 285 species of which 245 are endemic.

Pupillidae is represented 11 species under 2 genera and 8 of them are endemic. Genus *Pupilla* includes 8 species of which 6 are endemic; 4 from Decan Peninsula, one from Himalaya and one from Western Ghats. Genus *Pupoides* has 3 species 2 of them are endemic.

Vallonidae covers 4 species under a single genus *Vallonia* and only one species is endemic to Western Ghats.

Vertiginidae has 10 species under 4 genera, 8 of which are endemic. *Boysia* and *Boysidia* include one endemic species each from Himalaya as well as north-east region. *Gastrocopia* represented by 3 species, has 2 endemic to Decan Peninsula. *Pupisoma* has 5 species with 4 endemic; one from Decan Peninsula, one from north-east, one from Andaman Islands and one from Decan Peninsula as well as north-east.

Orculidae included a single endemic species from Himalaya under the genus *Orcula*.

Pyramidulidae has 2 endemic species under genus *Pyramidula*; one from Western Ghats and other from Himalaya as well as the Semi arid zone.

Buliminidae contains 28 species under 3 genera of which 20 are endemic. Genus *Mirus* is represented by 5 species, 4 of which are endemic; one from Himalaya, one from Western Ghats, one from north-east and one from Himalaya as well as Semi arid zone. *Serina* includes 5 species with 3 endemic species; 2 to the semi arid zone of Punjab and one from Himalaya. *Subzebrina* has 18 species, 13 of which are endemic; 2 from Himalaya, 2 from Semi arid zone of Punjab, 2 from unspecified locality and 7 from more than one zone.

Cerastuidae includes 14 species under 3 genera with 8 endemic. Genus *Cerastua* has 8 species, 5 of these are endemic; 4 from Western Ghats and one from Semi arid and Decan Peninsular region. *Edouardia* is known by only one endemic species from Decan Peninsula and *Rachis* has 5 species, 2 of them are endemic; one from Western Ghats and other from Decan Peninsula as well as Gangetic plains.

Clausiliidae includes 16 species under 3 genera, 13 species are endemic. *Euphaedusa* covers 7 species with 5 endemic, 4 from Himalaya and one from Semi arid zone. *Hemiphaedusa* has 2 endemic species; one from Himalaya and other from more than one zone. *Oospira* has 7 species, 6 of which are endemic, 3 from Andaman and Nicobar Islands, 2 from north-east and one from Himalaya.

Ferussaciidae is represented by 2 genera and 3 species with one endemic species, under the genus *Cecilioides*.

Subulinidae includes 133 species under 7 genera of which 106 are endemic. Genus *Subulina* is represented by single species. *Bacillium* has 6 endemic species; 2 from Himalaya, 2 from north-east and 2 from Himalaya as well as north-east region. *Curvella* covers 4 endemic species; 2 from Himalaya, one from north-east and one from Himalaya as well as north-east. *Glessula* includes as many as 107 species 88 of which are endemic; one from Trans Himalaya, 8 from Himalaya, 23 from Western Ghats, 14 from Decan Peninsula, 22 from north-east and 20 from more than one zone. *Lamellaxis* has 4 endemic species, one from Himalaya, one from north-east, one from Himalaya as well as north-east and one from unspecified locality. *Prosopias* represented by 6 species has 5 endemic; one from Western Ghats and 4 from Andaman and Nicobar Islands. *Zootecus* covers 5 species but none of them are endemic.

Achatinidae represented by a single species of *Achatina* which is an introduced from South Africa.

Streptaxidae is represented by 31 species, under 5 genera, 30 of which are endemic. Genus *Streptaxis* includes 13 endemic species; one from Himalaya, 8 from Western Ghats,

3 from Decan Peninsula and one from Himalaya as well as north-east region. *Haploptychius* has 3 species, 2 of them are endemic to Andaman and Nicobar Islands. *Ennea* includes 5 endemic species; one from Himalaya, 3 from north-east and one from more than one zone. *Gulella* represented by 8 endemic species; 3 from Western Ghats and 5 from Decan Peninsula. *Sinoennea* with 2 endemic species; one from Decan Peninsula and one from Andaman and Nicobar Islands.

Plectopylidae includes 25 species under 2 genera, with as many as 24 endemic. Genus *Plectopylis* includes 24 species, 23 of which are endemic; 8 from Himalaya, 9 from north-east and 6 from Himalaya as well as north-east region. Genus *Corilla* has a single endemic species from Western Ghats.

Endodontidae is represented by 11 endemic species under a single genus *Philalanka*; 8 from Western Ghats, one from Decan peninsula and 2 from Andaman and Nicobar Islands.

Charopidae includes 6 endemic species under 2 genera. Genus *Ruthvenia* has 2 endemic species and *Thysanota* has 4 endemic species and all are from Western Ghats.

Succineidae covers 27 species under 5 genera of which 20 are endemic. Genus *Succinea* is represented 17 species, of which 15 are endemic species; one from semi arid zone of Punjab, 3 from Western Ghats, 3 from Decan Peninsula, 2 from north east and 6 from more than one zone. *Camptonyx* includes 3 endemic species; one from semi-arid zone and 2 from Western Ghats. *Hyalimax* has 2 endemic species from Andaman and Nicobar Islands. *Indosuccinea* has 2 species, of which one is endemic to Western Ghats. *Quickia* represented by 3 endemic species; 2 from Decan Peninsula and one more than one zone.

Euconulidae is represented by single endemic species under the genus *Eurychalmys* from the semi-arid zone.

Helixarionidae includes 63 species under 8 genera, of which 58 are endemic species. Genus *Pseudaustenia* has 2 endemic species from Western Ghats. *Sesara* includes 5 species with 4 endemic; one from Himalaya and 3 from north-east. *Kaliella* covers 37 species, 36 of which are endemic species; 6 from Himalaya, 2 from Western Ghats, one each from Gangetic plains, Lakshadweep and Andaman and Nicobar Islands, 22 from north-east and 3 from Himalaya as well as north-east. *Pseudokaliella* has 3 endemic species 2 from Himalaya and one from north-east. *Rahula* includes 11 species with 9 endemic, 4 from Himalaya, one from Decan Peninsula and 4 from north-east. *Rasama* and *Tadunia* have 2 endemic species each from Himalaya and *Sivella* has 2 species of which one is endemic to Decan Peninsula as well as Andaman and Nicobar Islands.

Family Ariophantidae the largest family of the land molluscs is represented by 285 species under 29 genera and includes 245 endemic species. Genus *Ariophanta* has 10 species with 9 endemic; 6 from Decan Peninsula and 3 more than one zone. *Cryptozona* covers 10 species,

with 7 endemic; 4 from Western Ghats, 2 from Decan Peninsula and one from Decan Peninsula as well as Gangetic plains. *Euplecta* includes 18 species, 13 of these are endemic; 6 from Western Ghats, 6 from Decan Peninsula and one from Gangetic plains. *Hemiplecta* represented by 3 species, 2 of them are endemic to Western Ghats. *Indrella* and *Rhysotopsis* include one endemic species each from Western Ghats and Andaman and Nicobar Islands respectively. *Staffordia* has 3 endemic species from Himalaya. Genus *Parmarion* represented by one species. *Girasia* includes 10 endemic species; 4 from Himalaya and 6 from north-east. *Austenia* has 11 species, 10 of them are endemic; 6 from Himalaya and 4 from north-east. *Cryptaustenia* is represented by 12 species, 10 of them are endemic; 3 from Himalaya, one from Decan Peninsula, 4 from north-east and 2 from Himalaya as well as north-east. *Cryptogirasia* and *Dihangia* have one endemic species each from north-east and Himalaya respectively. *Mariella* has 2 species of which one is endemic to Western Ghats. Genus *Macrochlamys* is represented by 110 species; 96 of which are endemic; 37 from the Himalayas, 2 from the semi-arid zone of Punjab, 5 from Western Ghats, 7 from Decan Peninsula, 27 from north-east, 8 from Andaman and Nicobar Islands and 10 more than one zone. *Bapuia* and *Dalingia* are represented by one endemic species each from the Himalayas. *Bensonies* includes 10 species, with 9 endemic; 7 from the Himalayas and 2 from the Himalaya as well as north-east. *Khasiella* has 12 species, with 8 endemic; 4 from the Himalayas, one from north-east and 3 from more than one zone. *Microcystina* includes 8 endemic species, one from Western Ghats, one from Gangetic plains and 6 from Andaman and Nicobar Islands. *Oxytesta* has 10 endemic species, 5 from the Himalayas and 4 from north-east and one from the Himalayas as well as north-east. *Rotungia* represented by one species. *Syama* includes 6 endemic species; one from Himalayan region, 2 from semi-arid zone of Punjab, one from Gangetic plains and 2 more than one zone. *Taphrospira* covers 3 species, with 2 endemic, one from north-east and other from Andaman and Nicobar Islands. *Durgella* contains 8 species, 7 of them are endemic; 2 from the Himalayas, one from Decan Peninsula, 3 from north-east and one from the Himalayan as well as north-east region. *Ibyscus* has 2 endemic species, one from the Himalayas and other from more than one zone. *Minyongia* represented by single endemic species from the Himalayas. *Satiella* includes 6 endemic species, 5 from Western Ghats and one from Andaman Islands. *Sitala* has 22 species with 18 endemic, 4 from Western Ghats, one from Decan Peninsula, 8 from north-east, 3 from Andaman and Nicobar Islands and 2 from more than one zone.

Trochomorphidae includes 10 species under a single genus *Videna*, 8 of these endemic to Andaman and Nicobar Islands.

Limacidae is represented by 2 species under 2 genera and none of them are endemic.

Camaenidae includes 40 species under 10 genera of which 30 are endemic. *Camaena* has single species. *Amphidromus* includes 4 species, 2 of which are endemic; one from the Himalaya and other from Andaman and Nicobar Islands. *Apatetes*, *Mikiria* and *Oreobba*

represented by one endemic species each from Western Ghats, north-east and Andaman and Nicobar Islands respectively. *Beddomea* contains 4 species, of which 3 are endemic; 2 to Western Ghats and one to Decan Peninsula. *Chloritis* has 8 species, 6 are endemic, one from the Himalaya one from Decan Peninsula, 3 from Andaman and Nicobar Islands and one from Semi-raid zone as well as Decan Peninsula. *Ganesella* is represented by 3 species, 2 of them are endemic; one from north-east and other from the Himalaya as well as north-east. *Landouria* covers 4 species, 3 of them are endemic; 2 from the Himalaya and one from more than one zone. *Trachia* contains 13 species, 11 of them are endemic; 4 from Western Ghats, 4 from Decan Peninsula, one from Andaman and Nicobar Islands and 2 from more than one zone.

Bradybaenidae is represented by 13 species under 3 genera with 5 endemic species. *Bradybaena* has 4 species; one of them is endemic to the Himalaya. *Aegista* includes 7 species, 3 of them are endemic to north-east. *Cathaica* is represented by 2 species and one of them endemic to the Himalaya.

Family Arionidae is represented by 9 species under single genus *Anadenus*, 7 of them are endemic to the Himalaya.

Philomycidae has only one endemic species under genus *Philomycus*, from the Himalaya as well as north-east.

As mentioned earlier the overall mean endemicity level Indian land molluscs reaches above 83.45%. In this content, one point which should perhaps be pointed out is the fact that during the later part of 19th Century and early part of 20th. Century a large number of new species were named under several terrestrial genera like *Alycaeus*, *Chamalycaeus*, *Diplommatina*, *Macrochlamys*, *Glessula*, *Kaliella*, *Sitala* etc. As was the practice that time many of these new species were created basing on very minor variations in shell characters and the descriptions quite often were on the basis of a single, sometimes immature, bleached or even a little damaged shell. Many of such species are known by their type only (not available to us) but never the less all these species have been taken into account as endemic.

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