



Prawn fauna (Crustacea: Decapoda) of India - An annotated checklist of the Penaeoid, Sergestoid, Stenopodid and Caridean prawns

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Abstract

Many penaeoid prawns are of considerable value for the fishing industry and aquaculture operations. The annual estimated average landing of prawns from the fishery in India was 3.98 lakh tonnes (2008-10) of which 60% were contributed by penaeid prawns. An additional 1.5 lakh tonnes is produced from aquaculture. During 2010-11, India exported US \$ 2.8 billion worth marine products, of which shrimp contributed 3.09% in volume and 69.5% in value of the total export. With nearly 438 known species from the Indian subcontinent, the order Decapoda, comprising the suborders Dendrobranchiata and Pleocyemata, is the most diverse of the Eucaridean orders containing almost all the best known edible and commercially important prawns. The checklist of prawns contains 142 species under 43 genera of the suborder Dendrobranchiata and 295 species under 88 genera of the suborder Pleocyemata. Since previous compilation of the fauna, several additional species have been recorded. The present annotated checklist is intended to update the scientific nomenclature of all the species recorded from Indian EEZ including the fresh and brackishwater species and to assist ecologists and crustacean taxonomists in future systematic work in view of the important role of prawns in the ecosystem as well as the importance of the resource from the fishery and trade point of view. The common English names and geographic distribution of species have also been included.

Keywords: Prawn fauna, checklist, Decapoda, Dendrobranchiata, Pleocyemata.

Introduction

The prawn fauna inhabiting the marine, estuarine and freshwater ecosystems of India are diverse and fairly well known. Significant contributions to systematics of marine prawns of Indian region were that of Milne Edwards (1837), Miers (1884), Bate (1888), Wood-Mason (1891), Wood-Mason & Alcock (1891a, b), Alcock and Anderson (1894, 1899a,b), Alcock and Macardle (1901), Alcock (1901, 1905 and 1906), Nobili (1903), Alcock *et al.* (1907), Kemp (1910, 1915, 1917, 1918, 1922 and 1925), De Man (1908, 1911 and 1920), Kemp and Sewell (1912) and Sewell (1934). The exploratory mechanized trawling during 1950s and 1960s and commercial trawling from 1970 to 2011 in littoral and deep sea regions of Indian coast revealed the occurrence of several species which were reported by Nataraj (1953), Kunju (1960), Kurian (1965), Mohammed and Suseelan (1973), Muthu (1965, 1971 and 1972a, b), Muthu and George (1971), Rao (1984), Ravindranath (1989), Silas and Muthu (1976 a, b), Thomas (1968, 1969, 1970, 1972, 1977, 1979 and 1986). Since publication of these pioneering works, numerous changes in taxonomy and/or systematic placement of species took place (Turkay, 2011) and a comprehensive review of the Indian prawns of the family Penaeidae was attempted by George (1979). An inventory of decapod crustaceans in the marine and contiguous areas, their

habitat, distribution and exploitation status was published by Suseelan (1996), which included 118 commercial /potentially commercial species of prawns (66 penaeoid, 5 sergestoid and 47 species of caridean prawns). Chanda and Bhattacharya (2002, 2003, 2004) described three new species of prawn from Indian waters. Jayachandran (2005) listed 46 species of marine palaemonid prawns from Indian seas. The most recent comprehensive review of the penaeoid prawns was that of Kathivel *et al.* (2007), in which 84 species of penaeid prawns and geographical distribution of each of the species were listed. The Deep Scattering Layer (DSL) of eastern Arabian sea constituted 29 species of pelagic shrimps belonging to 19 genera and 11 families (Karuppasamy *et al.*, 2006). Prakash *et al.* (2011) added a new record of gnathophyllid prawn from the Lakshadweep waters.

Jayachandran (2002) listed the global diversity of palaemonid prawns and Valarmathi (2009) published a checklist of freshwater prawns of the families Atyidae and Palaemonidae (subfamily Palaemoninae) from India, the most speciose groups among the freshwater prawns. Jayachandran (2010) published a comprehensive account of taxonomic status, statewise distribution of palaemonid prawns and species diversity of palaemonid prawns of India. A new species of *Macrobrachium* from Tamilnadu was added by Arumugam (2011). The *bioSearch* of the National Institute of Oceanography, Goa is the first Indian database of marine, brackish and freshwater aquatic fauna with 15700 species records. However, the database of prawns is incomplete with many species of prawns yet to be listed.

The maintenance and management of our rich biodiversity requires accurate and continuous updating of data. A complete checklist of the entire prawn fauna of India is not available now. The list of species presented earlier is updated by inclusion of all species of prawns including the brackish and freshwater species now known to occur in the Indian subcontinent including the two island systems, the Andaman and Nicobar islands and the Lakshadweep islands.

Material and methods

The present checklist is based on the available published literature present in the form of research articles, monographs, books, species checklists and technical reports. The records and nomenclature have been updated. The six genera classification scheme proposed by Perez Farfante and Kensley (1997) have been adopted for classification of the genus *Penaeus*. The WoRMS Register, ITIS Standard Search and the Carideorum catalogus also have been referred and for confirmation of the families, genera and species, the WoRMS Register has been followed except for the penaeid prawn *Parapenaeopsis*

stylifera and *Metapenaeopsis mogiensis*.

Results and discussion

Prawns constitute an important export commodity in India. The total average annual estimated landing of prawns was 3,97,524 t (2008-10) of which 60% is contributed by penaeids and the rest by non-penaeids. India exported US \$ 2.8 billion worth marine products in 2010-11, of which shrimp contributed 3.09% in volume and 69.5% in value of the total export.

The prawn fauna occurring in Indian subcontinent including the Andaman and Nicobar Islands and the Lakshadweep Islands total 437 species (Table 1). The suborder Dendrobranchiata includes 142 species (122 species of penaeoids including *Litopenaeus vannamei*, the introduced species for aquaculture and 20 species of sergestoids under 43 genera) and the suborder Pleocyemata with 295 species under 88 genera (Table 2a and 2b). The family Penaeidae with 19 genera and 73 species is the most speciose group among the penaeoids and many species form commercially important fisheries and some are of interest to aquaculture. The actual number of caridean prawns in Indian waters is still uncertain with more number of species added from freshwater ecosystems. The most speciose group of freshwater prawns are the families Atyidae with a single genus (*Caridina*) and 28 species and the subfamily Palaemoninae (family Palaemonidae) consisting of 11 genera, 81 species with the genus *Macrobrachium* numerically dominating the subfamily with 62 species. Freshwater species are also becoming increasingly popular in aquarium trade, especially the species under the genus *Caridina* and some are being specifically cultured for this purpose. Many species of both families complete part of their larval cycle in brackishwater or even in fully marine conditions.

The taxonomic revision of the prawns formerly classified in *Penaeus* s.l. into six genera is still widely debated. Although these prawns can be easily separated into several groups morphologically, whether these subdivisions are truly monophyletic and warrant a generic rank continues to be hotly debated among taxonomists (Ma *et al.*, 2011). While some taxonomists have accepted the revision, others are questioning the necessity of such a classification. Ma *et al.* (2011) refuted the six genera classification of *Penaeus* s.l. on the basis of examination of mitochondrial and nuclear genes and advocated the restoration of the old *Penaeus* genus (= *Penaeus* s.l.) as the classification scheme is in agreement with both morphological and the molecular data. The debate is expected to continue as more information will pour in.

There are about 4048 species of shrimps and prawns known to the world, subdivided into four major groups, namely

Table 2a. Number of genera and species under each family of the suborder Dendrobranchiata in Indian waters.

Family	Genera (No.)	Species (No.)
Penaeidae	19	73
Sicyoniidae	1	4
Solenoceridae	5	20
Aristeidae	7	13
Benthescymidae	4	12
Sergestidae	6	13
Luciferidae	1	7

Table 2b. Number of genera and species under each family/ subfamily of the suborder Pleocyemata reported from India.

Family	Genera (No.)	Species (No.)
Alpheidae	4	23
Disciadidae	1	1
Hippolytidae	9	17
Ogyrididae	1	2
Atyidae	1	28
Crangonidae	6	18
Glyphocrangonidae	1	10
Nematocarcinidae	1	3
Rhynchocinetidae	2	2
Oplophoridae	7	12
Gnathophyllidae	1	1
Hymenoceridae	1	1
Palaemonidae (Family)	11	81
Palaemoninae (Subfamily)		
Pontiinae (Subfamily)	17	46
Pandalidae	7	22
Thalassocarididae	1	3
Pasiphaeidae	5	11
Processidae	2	3
Psalidopodidae	1	1
Stenopodidae	1	1
Spongicolidae	4	4
Axiidae	3	4
Callianassidae	1	1

Dendrobranchiata (68 genera, 533 species) Procarididea (2 genera, 6 species), Stenopodidea (12 genera, 71 species) and Caridea (389 genera, 3438 species) and they are comprised of several rather distinct lineages and are not monophyletic

unlike the true crabs. Although the figures listed in De Grave & Fransen (2010) for the other decapod taxa have been clearly adjusted by now, the Caridea remain the second most species-rich group within the Decapoda, with approximately half as many species as Brachyura, the dominant taxon within Decapoda (De Grave & Fransen, 2011). Nearly 350 species of prawns are of economic interest worldwide and out of these, only about 100 contribute to the principal share of the annual world catch (Chan, 1998). Although the carideans comprise 84.9% of total prawn species, only few are of interest to fisheries. Among the marine species only 8 are commercially exploited. The number of penaeoid species now found in Indian waters is 122, which forms 34.9% of the world species showing high diversity of species. This is higher than the 107 species reported from Taiwan (Lee *et al.*, 1999), 84 species from Mainland China (Liu & Zhong, 1994) and the 86 species recorded in Japan (Hayashi, 1992).

The exact number of species of caridean prawns present in Indian waters is uncertain, as most species have no economic value and hence studies are limited for these species. Freshwater caridean prawns account for approximately a quarter of all described Caridea, numerically dominated by the Atyidae and Palaemonidae (subfamily Palaemoninae), which also have brackishwater and marine representatives. Many species are important components of subsistence fisheries. Worldwide on a generic level, the most species genera are *Caridina* (Atyidae, 290 species), *Alpheus* (Alpheidae, 286), *Macrobrachium* (Palaemoninae, 243), *Synalpheus* (Alpheidae, 159) and *Periclimenes* (Pontoniinae, 152). A total of 655 freshwater species are presently known and many are becoming increasingly popular in aquarium trade (De Grave *et al.*, 2008). In India, the family Atyidae is represented by a single genus *Caridina* with 28 species and the numerically speciose genus *Macrobrachium* represented by 62 species. Valarmathi (2009) listed 58 species whereas 59 species have been listed by Jayachandran (2010) and De Grave and Fransen (2011). While *M. ornatus*, Jayachandran & Raji, 2004 has been synonymised with *M. lar*, *M. kulsiense* Jayachandran, Lal Mohan and Raji, 2007 has been included under a new genus *Arachnochium* Wowor & Ng, 2010a. *M. divakarani*, Jayachandran, 2001 and *M. josephi*, Jayachandran, 2001 have been listed as unavailable names in Carideorum catalogus (De Grave & Fransen, 2011). Among the 62 species of *Macrobrachium* recorded from Indian waters, 3 species have aquaculture potential. While *M. rosenbergii* is farmed on a large scale, *M. malcomsonii* and *M. gangeticum* are farmed on a smaller scale in some parts of the country. It is difficult to estimate the true species richness of freshwater prawns, as new taxa continue to be described. Among the marine caridean prawns, four are ornamental prawns. Among 13 species of alpheids, few may be of interest to aquarium trade.

The subfamily Pontoniinae is the second most speciose group under Palaemonidae represented by 17 genera and 46 species and all are marine forms. However, globally Pontoniinae is considered richer in species (602) than Palaemoninae (379) (De Grave & Fransen, 2011).

While preparing the checklist, attempts have been made to include all the species of prawns (including penaeoid, sergestoid, stenopodid and the caridean prawns) recorded from Indian waters by various researchers. Since publication of the checklist by Suseelan (1996), several species have been added. The smaller number in his checklist may be due to inclusion of only the commercial/potentially commercial species exploited from fishing grounds along the Indian coast. A deep sea Indian Ocean Expedition undoubtedly may add a number of species to the present list as the crustacean biodiversity of Indian coast is very high.

Research on decapod crustaceans has been surging ahead during the past three decades. The result has been a proliferation of data-based and species-based studies providing new and significant outcomes. Development of a database has now progressed to the point of having temporal and geographic records of every known species. The database probably makes it possible to examine the patterns of biodiversity at all taxonomic levels within this order (De Grave *et al*, 2008).

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Table 1. Checklist of Penaeoid, Sergestoid, Stenopodid and Caridean prawns from Indian waters

Penaeoid prawns			
Subphylum:	Crustacea Brünnich, 1772		
Class:	Malacostraca Latreille, 1802		
Sub class:	Eumalacostraca Grobben, 1892		
Super order:	Eucarida Calman, 1904		
Order:	Decapoda Latreille, 1802		
Suborder:	Dendrobranchiata Spence Bate, 1888		
Infraorder	Penaeidea Rafinesque, 1815		
Superfamily	Penaeoidea Rafinesque, 1815		
	Species	Common name (English)	Distribution
Family	Penaeidae Rafinesque, 1815 19 genera, 72 species + 1 introduced species	Penaeid prawns	
Genus	<i>Atyppenaeus</i> Alcock, 1905		
	<i>Atyppenaeus compressipes</i> (Henderson, 1893)		
	<i>Atyppenaeus stenodactylus</i> (Stimpson, 1860) [Old name: <i>Miyadiella podophthalmus</i> (Stimpson, 1860)]	Periscope Shrimp	Northwest, Southeast
Genus	<i>Fenneropenaeus</i> Pérez Farfante, 1969		
	<i>Fenneropenaeus indicus</i> (H. Milne Edwards, 1837 in Milne Edwards, 1834-1840)	Indian White Prawn	East & West coast of India, estuaries, Andamans
	<i>Fenneropenaeus konkani</i> Chanda & Bhattacharya, 2003*		Goa, Malawan coast
	<i>Fenneropenaeus merguensis</i> (De Man, 1888a)	Banana Prawn	East & West coast of India, Andamans
	<i>Fenneropenaeus penicillatus</i> (Alcock, 1905)	Redtail Prawn	Northeast & Northwest
	<i>Fenneropenaeus silasi</i> (Muthu & Motoh, 1979 a)*	False White Prawn	Chennai
Genus	<i>Funchalia</i> Johnson, 1868		

	<i>Funchalia danae</i> Burkenroad, 1940*		Arabian sea
	<i>Funchalia villosa</i> (Bouvier, 1905 b)		West coast & Andamans
	<i>Funchalia woodwardi</i> Johnson, 1868*		India
Genus	³ <i>Ganjampenaeopsis</i> (Alcock, 1905)		
	<i>Ganjampenaeopsis uncta</i> (Alcock, 1905)		
Genus	³ <i>Kishinouyepenaepsis</i> Alcock, 1905		
	<i>Kishinouyepenaepsis maxillipedo</i> (Alcock, 1905)		
Genus	<i>Litopenaeus</i> Pérez Farfante, 1969		
	<i>Litopenaeus vannamei</i> (Boone, 1931) ^		East & West coast
Genus	<i>Marsupenaeus</i> Tirmizi, 1971		
	<i>Marsupenaeus japonicus</i> (Spence Bate, 1888)	Kuruma Prawn	East & West coast & Andamans
Genus	<i>Melicertus</i> Rafinesque, 1814		
	<i>Melicertus canaliculatus</i> (Olivier, 1811)	Witch Prawn	East & West coast, Minicoy & South Andamans
	<i>Melicertus hathor</i> Burkenroad, 1959*		India, Indian ocean
	<i>Melicertus latisulcatus</i> (Kishinouye, 1896)	Western King Prawn	Northwest, Southwest, Southeast, Lakshadweep & Port Blair
	<i>Melicertus similis</i> Chanda & Bhattacharya, 2002*		
Genus	<i>Megokris</i> Pérez Farfante & Kensley, 1997		
	<i>Megokris granulosus</i> (Haswell, 1879)*	Coarse Shrimp	Chennai & Kakinada
	<i>Megokris pescadorensis</i> (Schmitt, 1931a) ^e	Bighead Sand Prawn	Southwest, Southeast
	<i>Megokris sedili</i> (Hall, 1961)	Malayan Rough Shrimp	Southwest, Southeast & Northeast
Genus	<i>Metapenaeopsis</i> Bouvier, 1905		
	<i>Metapenaeopsis andamanensis</i> (Wood-Mason in Wood-Mason & Alcock, 1891a)	Rice Velvet Shrimp	Southwest, Southeast & Andamans
	<i>Metapenaeopsis barbata</i> (De Haan, 1844)	Whiskered Velvet Shrimp	South & Northeast
	<i>Metapenaeopsis ceylonica</i> Starobogatov, 1972*		Kakinada
	<i>Metapenaeopsis commensalis</i> Borradaile, 1899*	Red Shrimp	Lakshadweep
	<i>Metapenaeopsis coniger</i> (Wood-Mason in Wood-Mason & Alcock, 1891a)*		Southwest, South & Northeast, Andamans
	<i>Metapenaeopsis gaillardi</i> Crosnier, 1991		Southern India
	<i>Metapenaeopsis gallensis</i> (Pearson, 1905)		Chennai
	<i>Metapenaeopsis hilarula</i> (De Man, 1911a)	Minstrel Shrimp	East & West coast
	¹ <i>Metapenaeopsis mogiensis</i> Rathbun, 1902	Mogi Velvet Shrimp	East & West coast, Andamans
	<i>Metapenaeopsis novaeguineae</i> (Haswell, 1879)*	Northern Velvet Prawn	India
	<i>Metapenaeopsis palmensis</i> (Haswell, 1879)*	Southern Velvet Shrimp	A & N Islands
	<i>Metapenaeopsis philippi</i> (Spence Bate, 1881)*	Philip Velvet Shrimp	Southwest coast
	<i>Metapenaeopsis stridulans</i> (Alcock, 1905)	Fiddler Shrimp	Northwest, South & Northeast, Andamans
	<i>Metapenaeopsis toloensis</i> Hall, 1962	Tolo Velvet Shrimp	Chennai

Genus	<i>Metapenaeus</i> Wood-Mason, 1891		
	<i>Metapenaeus affinis</i> (H. Milne Edwards, 1837 in Milne Edwards, 1834-1840)	Jinga Prawn	East & West coast & A & N Islands
	<i>Metapenaeus alcocki</i> George & Rao, 1968	Fire Shrimp	Gulf of Kachchh
	<i>Metapenaeus brevicornis</i> (H. Milne Edwards, 1837 in Milne Edwards, 1814- 1840)	Yellow Shrimp	East & West coast, A & N Islands
	<i>Metapenaeus dobsoni</i> (Miers, 1878)	Kadal Shrimp	East & West coast, A & N Islands
	<i>Metapenaeus elegans</i> De Man, 1907a	Fine Shrimp	A & N Islands
	<i>Metapenaeus endeavouri</i> (Schmitt, 1926a)*	Endeavour Shrimp	Kakinada, Andhra Pradesh
	<i>Metapenaeus ensis</i> (De Haan, 1844)	Greasyback Shrimp	South & Northeast, A & N Islands
	<i>Metapenaeus intermedius</i> (Kishinouye, 1900)	Middle Shrimp	A & N Islands
	<i>Metapenaeus krishnatrii</i> Silas & Muthu, 1976*		Andamans
	<i>Metapenaeus kutchensis</i> George, George & Rao 1963	Ginger Shrimp	Northwest & Northeast
	<i>Metapenaeus lysianassa</i> (De Man, 1888a)	Bird Shrimp	Southeast & Northeast
	<i>Metapenaeus monoceros</i> (Fabricius, 1798)	Speckled Shrimp	East & West coast
	<i>Metapenaeus moyebi</i> (Kishinouye, 1896)	Moyebi Shrimp	Northeast, Southwest & Andamans
	<i>Metapenaeus stebbingi</i> Nobili, 1904	Peregrine Shrimp	Gulf of Kachchh
Genus	³ <i>Mierspenaeopsis</i> Muthu, 1972		
	<i>Mierspenaeopsis indica</i> (Muthu, 1972)		
Genus	<i>Penaeus</i> Fabricius, 1798		
	<i>Penaeus monodon</i> Fabricius, 1798	Jumbo Tiger Prawn	East & West coast, A & N Islands
	<i>Penaeus semisulcatus</i> De Haan, 1844	Green Tiger Prawn	East & West coast, A & N Islands
Genus	<i>Parapenaeopsis</i> Alcock, 1901		
	<i>Parapenaeopsis acclivirostris</i> Alcock, 1905	Hawknose Shrimp	East & West coast
	<i>Parapenaeopsis cornuta</i> (Kishinouye, 1900)	Coral Shrimp	Northwest, Southeast, Northeast & Andamans
	<i>Parapenaeopsis hardwickii</i> (Miers, 1878)	Spear Shrimp	Northwest, SE and Northeast
	<i>Parapenaeopsis longirostris</i> Chanda & Bhattacharya, 2004		
	<i>Parapenaeopsis nana</i> Alcock, 1905	Dwarf Shrimp	South & Northeast coast
	<i>Parapenaeopsis sculptilis</i> (Heller, 1862 a)	Rainbow Shrimp	East & West coast
	² <i>Parapenaeopsis stylifera</i> (H. Milne Edwards, 1837)	Kiddy Shrimp	East & West coast & A & N Islands
	<i>Parapenaeopsis tenella</i> (Spence Bate, 1888)	Smooth Shell Shrimp	South & Northeast
Genus	<i>Pelagopenaeus</i> Perez Farfante & Kensley, 1997		
	<i>Pelagopenaeus balboae</i> (Faxon, 1893)*		Southwest coast
Genus	<i>Parapenaeus</i> Smith, 1885		
	<i>Parapenaeus fissuroides fissuroides</i> Crosnier, 1986a [Old name: <i>Parapenaeus fissuroides</i> Crosnier, 1986]		
	* <i>Parapenaeus fissuroides indicus</i> Crosnier, 1986a	False Rose Shrimp	Mangalore
	<i>Parapenaeus fissurus</i> (Spence Bate, 1881)	Neptune Rose Shrimp	Orissa & A & N Islands
	<i>Parapenaeus investigatoris</i> Alcock & Anderson, 1899	Explorer Rose Shrimp	Southwest, SE & A & N Islands

	<i>Parapenaeus longipes</i> Alcock, 1905	Flamingo Shrimp	East & West coast
	<i>Parapenaeus sextuberculatus</i> Kubo, 1949a*	Domino Shrimp	India
Genus	<i>Penaeopsis</i> Spence Bate, 1881		
	<i>Penaeopsis jerryi</i> Pérez Farfante, 1979	Gondwana Shrimp	Southwest, SE & A & N Islands
	<i>Penaeopsis rectacuta</i> (Spence Bate, 1881)*	Needle Shrimp	Southwest, SE & A & N Islands
Genus	<i>Trachypenaeopsis</i> Burkenroad, 1934		
	<i>Trachypenaeopsis minicoyensis</i> Thomas, 1972*		Minicoy
Genus	<i>Trachysalambria</i> Burkenroad, 1934a		
	<i>Trachysalambria aspera</i> (Alcock, 1905)		Chennai, Orissa coast & A & N Islands
	<i>Trachysalambria curvirostris</i> (Stimpson, 1860)	Southern Rough Shrimp	East & West coast
	<i>Trachysalambria fulva</i> (Dall, 1957)*		Chennai

¹ *Metapenaeopsis mogiensis complanata* Crosnier, 1991*Metapenaeopsis mogiensis consobrina* (Nobili, 1904)*Metapenaeopsis mogiensis intermedia* Crosnier, 1991*Metapenaeopsis mogiensis mogiensis* (Rathbun, 1902)

All the four forms considered as subspecies (WoRMS Register, ITIS Standard Search)

² *Parapenaeopsis coromandelica*, *P. stylifera coromandelica*, *P. stylifera stylifera* as synonyms – George (1974), Pathan & Jalihal (1998)*Parapenaeopsis coromandelica* was considered as a species and *P. stylifera cochinchinensis* and *P. stylifera stylifera* as subspecies by WoRMS RegisterHolthuis (1980:30), Hall (1962), De Brün (1965) considered *P. coromandelica* as a speciesRacek and Dall (1965) considered *P. coromandelica* as a subspeciesITIS Standard Search considered *P. stylifera coromandelica* and *P. stylifera stylifera* as subspecies

^ Exotic species introduced for farming

³ *Parapenaeopsis indica* Muthu, 1972 accepted as *Mierspenaeopsis indica* (Muthu, 1972); *Parapenaeopsis maxillipedo* Alcock, 1905 accepted as *Kishinouyepenaeopsis maxillipedo* (Alcock, 1905); *Parapenaeopsis uncta* Alcock, 1905 accepted as *Ganjampenaeopsis uncta* (Alcock, 1905)⁴ *Parapenaeus fissuroides indicus* Crosnier, 1986a accepted as a subspecies. Refer Turkay, M.

*Taxonomic expert consultation required

Family	Sicyoniidae Ortmann, 1898 1genus, 4 species	Rock Shrimps	
Genus	<i>Sicyonia</i> H. Milne Edwards, 1830		
	<i>Sicyonia fallax</i> De Man, 1907a*		India
	<i>Sicyonia lancifer</i> (Olivier, 1811)*	Knight Rock Shrimp	Southwest & Southeast
	<i>Sicyonia longicauda</i> Rathbun, 1906 *		India
	<i>Sicyonia parajaponica</i> Crosnier, 2003*		Southwest & Southeast
Family	Solenoceridae Wood-Mason, 1891 5 genera, 20 species	Solenocerid Shrimps	
Genus	<i>Gordonella</i> Tirmizi, 1960		
	<i>Gordonella villosa</i> (Alcock & Anderson, 1894)*		Off Karwar & Minicoy
Genus	<i>Solenocera</i> Lucas, 1849		
	<i>Solenocera alfonso</i> Pérez Farfante, 1981*	Deepwater Mud Shrimp	Off Tuticorin
	<i>Solenocera alticarinata</i> Kubo, 1949*	High Ridge Mud Shrimp	India
	<i>Solenocera annectens</i> (Wood-Mason in Wood-Mason & Alcock, 1891a)*		A & N Islands

	<i>Solenocera choprai</i> Nataraj, 1945	Ridgeback Shrimp	Southwest & east coast
	<i>Solenocera crassicornis</i> (H. Milne Edwards, 1837 in Milne Edwards, 1834-1840)	Coastal Mud Shrimp	East & West coast, A & N Islands
	<i>Solenocera halli</i> Starobogatov, 1972*		East & West coast, Andamans
	<i>Solenocera hextii</i> Wood-Mason and Alcock, 1891b	Deepsea Mud Shrimp	East & West coast
	<i>Solenocera koelbeli</i> De Man, 1911a	Chinese Mud Shrimp	Off Kerala & Andhra Pradesh
	<i>Solenocera melantho</i> De Man, 1907a	Razor Mud Shrimp	Southwest & northeast
	<i>Solenocera pectinata</i> (Spence Bate, 1888)*	Comb Shrimp	SW coast & Andhra Pradesh
	<i>Solenocera pectinulata</i> (Kubo, 1949a)*		West coast
	<i>Solenocera waltirensis</i> George & Muthu, 1970*		Kakinada, Visakhapatnam
Genus	<i>Haliporus</i> Spence Bate, 1881		
	<i>Haliporus taprobanensis</i> Alcock and Anderson, 1899*	Redbacked Coral Prawn	Off Gulf of Mannar & Kanyakumari
	<i>Haliporus thetis</i> Faxon, 1893*		India
Genus	<i>Hymenopenaeus</i> Smith, 1882		
	<i>Hymenopenaeus equalis</i> (Spence Bate, 1888)*	Veiled Shrimp	Southeast & Southwest, Andamans
	<i>Hymenopenaeus laevis</i> (Spence Bate, 1881)*		Lakshadweep sea
	<i>Hymenopenaeus neptunus</i> (Spence Bate, 1881)*		Bay of Bengal
	<i>Hymenopenaeus sewelli</i> Ramadan, 1938		India
Genus	<i>Hadropenaeus</i> Pérez Farfante, 1977b		
	<i>Hadropenaeus lucasii</i> (Spence Bate, 1881)*	Trident Shrimp	India
Family	Aristeidae Wood-Mason, 1891 7 genera, 13 species	Aristeid Shrimps	
Genus	<i>Aristeus</i> Duvernoy, 1840		
	<i>Aristeus semidentatus</i> Spence Bate, 1881*	Smooth Red Shrimp	Southwest & Andhra Pradesh coast
	<i>Aristeus alcocki</i> Ramadan, 1938	Arabian Red Shrimp	Southwest, Southeast, Lakshadweep sea
	<i>Aristeus virilis</i> (Spence Bate, 1881)	Stour Red Shrimp	A & N Islands
Genus	<i>Aristaeomorpha</i> Wood-Mason in Wood-Mason & Alcock, 1891a		
	<i>Aristaeomorpha woodmasoni</i> Calman, 1925	Indian Red Shrimp	Off Southwest & Southeast coast, Andaman
	<i>Aristaeomorpha foliacea</i> (Risso, 1826)*	Giant Gamba Prawn	Arabian sea, Bay of Bengal, Andamans
Genus	<i>Aristaeopsis</i> Wood-Mason in Wood-Mason & Alcock, 1891a		
	<i>Aristaeopsis edwardsiana</i> (Johnson, 1867)	Scarlet Shrimp	Southwest, Southeast, Lakshadweep & Andamans
Genus	<i>Hemipenaeus</i> Spence Bate, 1881		
	<i>Hemipenaeus carpenteri</i> Wood-Mason & Alcock, 1891b*		Minicoy, Bay of Bengal
Genus	<i>Hepomadus</i> Spence Bate, 1881		
	<i>Hepomadus tener</i> Smith, 1884*		Bay of Bengal
Genus	<i>Pseudaristeus</i> Crosnier, 1978		
	<i>Pseudaristeus crassipes</i> (Wood-Mason in Wood-Mason & Alcock, 1891a)		Lakshadweep, Southwest coast, Andaman sea
	<i>Pseudaristeus kathleenae</i> Pérez Farfante, 1987*		India

	<i>Pseudaristeus protensus</i> Pérez Farfante, 1987*		East & West coast
Genus	<i>Plesiopenaeus</i> Spence Bate, 1881		
	<i>Plesiopenaeus armatus</i> (Spence Bate, 1881)*		Bay of Bengal
	<i>Plesiopenaeus coruscans</i> (Wood-Mason in Wood-Mason & Alcock, 1891a)*		Andaman & Nicobar Islands
Family	Benthescymidae Wood-Mason, 1891 4 genera, 12 species	Benthescymid Shrimps	
Genus	<i>Benthescymus</i> Spence Bate, 1881		
	<i>Benthescymus armatus</i> MacGilchrist, 1905*		
	<i>Benthescymus bartletti</i> Smith, 1882*		
	<i>Benthescymus investigatoris</i> Alcock & Anderson, 1899*		Gulf of Mannar & Andaman sea
Genus	<i>Altelatipes</i> Crosnier & Vereshchaka, 2008		
	<i>Altelatipes carinatus</i> (Smith, 1884)* [Old name : <i>Benthescymus carinatus</i> Smith, 1884]		Off Lakshadweep sea
Genus	<i>Bentheogennema</i> Burkenroad, 1936		
	<i>Bentheogennema intermedia</i> (Spence Bate, 1888)*		India
Genus	<i>Gennadas</i> Spence Bate, 1881		
	<i>Gennadas bouvieri</i> Kemp, 1909*		Bay of Bengal
	<i>Gennadas parvus</i> Spence Bate, 1881*		Arabian sea
	<i>Gennadas praecox</i> Kemp, 1910*		Arabian sea
	<i>Gennadas propinquus</i> Rathbun, 1906*		Southwest & Southeast
	<i>Gennadas scutatus</i> Bouvier, 1906a*		Off Southwest coast
	<i>Gennadas sordidus</i> Kemp, 1910*		Off Goa & Malpe in Arabian sea
	<i>Gennadas tinayrei</i> Bouvier, 1906b*		
Sergestoid shrimps			
Superfamily	Sergestoidea Dana, 1852		
Family	Sergestidae Dana, 1852 6 genera, 13 species	Sergestid Shrimps	
Genus	<i>Acetes</i> H. Milne Edwards, 1830		
	<i>Acetes indicus</i> H. Milne Edwards, 1830	Jawala Paste Shrimp	East & West coast
	<i>Acetes sibogae sibogae</i> Hansen, 1919	Alamang Shrimp	West & Southeast coast
	<i>Acetes johni</i> Nataraj, 1947*		Southwest coast
	<i>Acetes japonicus</i> Kishinouye, 1905	Akiami Paste Shrimps	Southwest coast, Arabian sea & Bay of Bengal
	<i>Acetes erythraeus</i> Nobili, 1905	Tsivakihini Paste Shrimp	Southwest coast & east coast
Genus	<i>Sergestes</i> H. Milne Edwards, 1820		
	<i>Sergestes hamifer</i> Alcock & Anderson, 1894*		DSL Arabian sea, A & N Islands
Genus	<i>Deosergestes</i> Judkins & Kensley, 2008		
	<i>Deosergestes rubroguttatus</i> (Wood-Mason in Wood-Mason & Alcock, 1891c)*		
	<i>Deosergestes seminudus</i> (Hansen, 1919)* [Old name: <i>Sergestes seminudus</i> Hansen, 1919]		
Genus	<i>Neosergestes</i> Judkins & Kensley, 2008		

	<i>Neosergestes orientalis</i> (Hansen, 1919)* [Old name: <i>Sergestes orientalis</i> Haansen, 1919]	
	<i>Neosergestes semissis</i> Burkenroad, 1940* [Old name: <i>Sergestes semissis</i> Burkenroad, 1940]	
Genus	<i>Parasergestes</i> Judkins & Kensley 2008	
	<i>Parasergestes armatus</i> (Kroyer, 1855)* [Old name: <i>Sergestes armatus</i> Kroyer, 1855]	
Genus	<i>Sergia</i> Stimpson, 1860	Arabian sea, Bay of Bengal
	<i>Sergia bisulcata</i> (Wood-Mason & Alcock, 1891b)	DSL Arabian sea
	<i>Sergia inoua</i> Faxon, 1893*	
Family	Luciferidae De Haan, 1841 1 genus, 7 species	Arabian sea, Lakshadweep, Bay of Bengal & A & N Islands
Genus	<i>Lucifer</i> Thompson, 1829	"
	<i>Lucifer typus</i> H. Milne Edwards, 1837*	"
	<i>Lucifer orientalis</i> Hansen, 1919*	"
	<i>Lucifer chacei</i> Bowman, 1967*	"
	<i>Lucifer faxoni</i> Borradaile, 1915*	"
	<i>Lucifer intermedius</i> Hansen, 1919*	"
	<i>Lucifer pencillifer</i> Hansen, 1919*	"
	<i>Lucifer hanseni</i> Nobili, 1905*	"
Caridean prawns		
Subphylum	Crustacea Brünnich, 1772	
Class	Malacostraca Latreille, 1802	
Subclass	Eumalacostraca Grobben, 1892	
Super order	Eucarida Calman, 1904	
Order	Decapoda Latreille, 1802	
Sub Order	Pleocyemata Burkenroad, 1963	
Infra Order	Caridea Dana, 1852	
Superfamily	Alpheoidea Rafinesque, 1815	
Family	Alpheidae Rafinesque, 1815 4 genera, 23 species	Snapping Shrimps/ Pistol Shrimps
Genus	<i>Alpheus</i> Fabricius J.C., 1798+	
	<i>Alpheus acutofemoratus</i> Dana, 1852a*	Andaman sea
	<i>Alpheus armatus</i> Rathbun, 1901*	Chennai
	<i>Alpheus crockeri</i> (Armstrong, 1941)*	A & N Islands
	<i>Alpheus digitalis</i> de Haan, 1844*	Forceps Snapping Shrimp
	<i>Alpheus edwardsii</i> (Audouin, 1826)*	West Bengal
	<i>Alpheus euphrosyne</i> De Man, 1897*	Nymph Snapping Shrimp
	<i>Alpheus frontalis</i> H. Milne Edwards, 1837 in [H. Milne Edwards, 1834-1840]*	A & N Island
	<i>Alpheus lobidens</i> De Haan, 1849*	
	<i>Alpheus macroskeles</i> Alcock & Anderson, 1899*	
	<i>Alpheus malabaricus</i> (Fabricius, J.C. 1775)*	Kerala & southeast coast
	<i>Alpheus miersi</i> Coutiere, 1898c*	Lakshadweep

	<i>Alpheus paludicola</i> Kemp, 1915*		Karnataka
	<i>Alpheus rapax</i> Fabricius, J.C., 1798*		Lakshadweep
	<i>Alpheus spongiorum</i> Coutiere, 1897a*		Lakshadweep
	<i>Alpheus strenuus</i> Dana, 1852a*		A & N Islands
Genus	<i>Arete</i> Stimpson, 1860		
	<i>Arete dorsalis</i> Stimpson, 1860*		A & N Islands
Genus	<i>Athanas</i> Leach, 1814		
	<i>Athanas dimorphus</i> Ortmann, 1894*		Karwar
	<i>Athanas areteformis</i> Coutiere, 1897*		Lakshadweep
	<i>Athanas digiboutensis</i> Coutiere, 1897		Lakshadweep
Genus	<i>Synalpheus</i> Spence Bate, 1888		
	<i>Synalpheus herdmaniae</i> Lebour, 1938*		Gulf of Mannar
	<i>Synalpheus paraneomeris</i> Coutiere, 1905b*		
	<i>Synalpheus paulsoni rameswarensis</i> Coutiere, 1908*		Gulf of Mannar
	<i>Synalpheus tumidomanus</i> Paulson, 1875*		Karwar
Family	Hippolytidae Spence Bate, 1888	Cleaner Shrimps	
	9 genera, 17 species		
Genus	<i>Lysmata</i> Risso, 1816		
	<i>Lysmata vittata</i> (Stimpson, 1860)*	Indian Lined Shrimp	Maharashtra
	<i>Lysmata amboinensis</i> (De Man, 1888b) ⁺	Scarlet Cleaner Shrimp	
Genus	<i>Exhippolytmata</i> Stebbing, 1915		East & West coast
	<i>Exhippolytmata ensirostris ensirostris</i> (Kemp, 1914)		
	<i>Exhippolytmata punctata</i> (Kemp, 1947)		
Genus	<i>Latreutes</i> Stimpson, 1860a		
	<i>Latreutes anoplonyx</i> Kemp, 1914*		Northwest coast
	<i>Latreutes mucronatus</i> (Stimpson, 1860a)*		Kerala
	<i>Latreutes porcinus</i> Kemp, 1969*		A & N Islands
	<i>Latreutes pymoeus</i> Nobili, 1904*		
Genus	<i>Merhippolyte</i> Spence Bate, 1888		
	<i>Merhippolyte calmani</i> Kemp & Sewell, 1912*		SW coast
Genus	<i>Paralatreutes</i> Kemp, 1925		
	<i>Paralatreutes bicornis</i> Kemp, 1925*		A & N Islands
Genus	<i>Phycocaris</i> Kemp, 1916a		
	<i>Phycocaris simulans</i> Kemp, 1916a*		A & N Islands
Genus	<i>Saron</i> Thallwiz, 1891		
	<i>Saron marmoratus</i> (Olivier, 1811)		Gulf of Kachchh, West Bengal
	<i>Saron neglectus</i> De Man, 1902		A & N Islands
Genus	<i>Thor</i> Kingsley, 1978a		
	<i>Thor amboinensis</i> (De Man, 1888b)		A & N Islands
	<i>Thor maldivensis</i> Borradaile, 1915		Lakshadweep
	<i>Thor paschalis</i> (Heller, 1862c)		A & N Islands
Genus	<i>Tozeuma</i> Stimpson, 1860a		
	<i>Tozeuma armatum</i> Paulson, 1875*		

Family	Ogyrididae Holthuis, 1955 1 genus, 2 species	Long Eye Shrimps	
Genus	<i>Ogyrides</i> Stebbing, 1914		
	<i>Ogyrides orientalis</i> (Stimpson, 1860)*	Telescope Shrimp	India
	<i>Ogyrides striaticauda</i> Kemp, 1915*		Chilka Lake , Odisha
Superfamily	Atyoidea De Haan, 1849		
Family	Atyidae De Haan, 1849 1 genus, 28 species	Basket Shrimps (Freshwater/ Estuarine Prawns)	
Genus	<i>Caridina</i> H. Milne Edwards, 1837 [in H. Milne Edwards 1834-1840]		
	<i>Caridina babaulti babaulti</i> Bouvier, 1918	Green Neon Shrimp	
	<i>Caridina bengalensis</i> De Man, 1908		West Bengal
	<i>Caridina carli</i> J. Roux, 1931a		
	<i>Caridina cavaleriei cavaleriei</i> Bouvier, 1919		
	<i>Caridina chauhani</i> Chopra & Tiwari, 1949		
	<i>Caridina excavata</i> Kemp, 1913b		
	<i>Caridina fernandoi</i> Arudpragasam and Costa, 1962		
	<i>Caridina gracilipes</i> De Man, 1892a		
	<i>Caridina gracilirostris</i> De Man, 1892a	Rednose/ Mosquito Shrimp	
	<i>Caridina gurneyi</i> Jalihal, Shenoy & Sankolli, 1984		Karnataka
	<i>Caridina hodgarti</i> Kemp, 1913b	Green Rocket Shrimp	
	<i>Caridina jalihali</i> Mariappan & Richard, 2006		Tamil Nadu
	<i>Caridina kempi</i> Jalihal, Shenoy & Sankolli, 1984		Karnataka
	<i>Caridina kunnathurensis</i> Richard & Chandran, 1994		Tamil Nadu
	<i>Caridina laevis</i> Heller, 1862b		
	<i>Caridina longirostris</i> H. Milne Edwards, 1837 [in H. Milne Edwards 1834-1840]		Kochi, Kerala
	<i>Caridina mathiassi</i> Silas & Jayachandran, 2010		Tamil Nadu
	<i>Caridina natarajani</i> Tiwari & R.S. Pillai, 1968		Kerala
	<i>Caridina panikkari</i> Jalihal, Shenoy & Sankolli, 1984		Karnataka
	<i>Caridina prashadi</i> Tiwari & R.S. Pillai, 1971		Andamans
	<i>Caridina propinqua</i> De Man, 1908b	Bengal Caridina	West Bengal
	<i>Caridina rajadhari</i> Bouvier, 1918		Madhya Pradesh
	<i>Caridina shenoyi</i> Jalihal & Sankolli [in Jalihal, Shenoy & Sankolli, 1984]		Karnataka
	<i>Caridina sumatrensis</i> De Man, 1892a		
	<i>Caridina typus</i> H. Milne Edwards, 1837 [in H. Milne Edwards 1834-1840]		
	<i>Caridina weberi</i> De Man, 1892a		Trivandrum, Kerala
	<i>Caridina williamsoni</i> Jalihal, Shenoy & Sankolli, 1984		
	<i>Caridina zeylanica</i> Arudpragasam & Costa, 1962		Trivandrum, Kerala
Superfamily	Bresilioidea Calman, 1896		
Family	Disiadiidae Rathbun, 1902c 1 genus, 1 species		
Genus	<i>Discias</i> Rathbun, 1902c*		

	<i>Discias exul</i> Kemp, 1920		
Superfamily	Crangonoidea Haworth, 1825		
Family	Crangonidae Haworth, 1825 6 genera, 18 species	Crangonid Shrimps	
Genus	<i>Aegaeon</i> Agassiz, 1846		
	<i>Aegaeon lacazei</i> (Gourret, 1887a)* [Old name: <i>Pontocaris lacazei</i> (Gourret, 1887)]	Hardshell Shrimp	Off Chennai
Genus	<i>Philocheras</i> Stebbing, 1900		
	<i>Philocheras angustirostris</i> (De Man, 1918a)*		A & N Islands
	<i>Philocheras candidus</i> (Kemp, 1916b)*		A & N Islands
	<i>Philocheras hendersoni</i> (Kemp, 1915)*		A & N Islands
	<i>Philocheras incisus</i> (Kemp, 1916b)*		A & N Islands
	<i>Philocheras lowisi</i> (Kemp, 1916b)*		A & N Islands
	<i>Philocheras parvirostris</i> Kemp, 1916b*		Gulf of Mannar
	<i>Philocheras pilosus</i> (Kemp, 1916b)*		Gulf of Mannar
	<i>Philocheras plebs</i> (Kemp, 1916b)*		A & N Islands
	<i>Philocheras sabsechota</i> (Kemp, 1911)*		A & N Islands
Genus	<i>Pontocaris</i> Spence Bate, 1888		
	<i>Pontocaris affinis affinis</i> (Alcock, 1901)		NW coast
	<i>Pontocaris pennata</i> Spence Bate, 1888*	Feather Shrimp	Chennai
	<i>Pontocaris propensalata</i> Spence Bate, 1888*		A & N Islands
Genus	<i>Parapontophilus</i> Christoffersen, 1988		
	<i>Parapontophilus abyssii</i> (Smith, 1884)* [Old name: <i>Pontophilus abyssii</i> (Smith, 1884)]		
	<i>Parapontophilus gracilis gracilis</i> (Smith, 1812)*		
Genus	<i>Parapontocaris</i> Alcock, 1901		
	<i>Parapontocaris bengalensis</i> Wood-Mason in Wood-Mason & Alcock, 1891c*		
	<i>Parapontocaris andamanensis</i> Wood-Mason in Wood-Mason & Alcock, 1891c*		
Genus	<i>Prionocrangon</i> Wood-Mason in Wood-Mason & Alcock, 1891c		
	<i>Prionocrangon ommatosteres</i> Wood-Mason in Wood-Mason & Alcock, 1891c*		
Family	Glyphocrangonidae Smith, 1884 1 genus, 10 species	Armoured Shrimps	
Genus	<i>Glyphocrangon</i> A. Milne-Edwards, 1881b		
	<i>Glyphocrangon andamanensis</i> Wood-Mason in Wood-Mason & Alcock, 1891c		Andamans
	<i>Glyphocrangon caeca</i> Wood-Mason in Wood-Mason & Alcock, 1891c*		Bay of Bengal
	<i>Glyphocrangon cerea</i> Alcock & Anderson, 1894*		Lakshadweep
	<i>Glyphocrangon caecescenes</i> Wood-Mason in Wood-Mason & Alcock, 1891c*		Bay of Bengal
	<i>Glyphocrangon investigatoris</i> (Wood-Mason & Alcock, 1891b)*		Chennai
	<i>Glyphocrangon regalis</i> Spence Bate, 1888*		Kerala, SW coast

	<i>Glyphocrangon smithii</i> Wood-Mason in Wood-Mason & Alcock, 1891c*		A&N Islands
	<i>Glyphocrangon gilesii</i> Wood-Mason in Wood-Mason & Alcock, 1891b*		A&N Islands
	<i>Glyphocrangon priononota</i> Wood-Mason Alcock, 1891b*		Lakshadweep
	<i>Glyphocrangon unguiculata</i> Wood-Mason & Alcock, 1891b*		Arabian sea
Superfamily	Nematocarcinoidea Smith, 1884		
Family	Nematocarcinidae Smith, 1884 1 genus, 3 species		
Genus	<i>Nematocarcinus</i> A. Milne-Edwards, 1881b		
	<i>Nematocarcinus cursor</i> A. Milne-Edwards, 1881b*		
	<i>Nematocarcinus tenuirostris</i> Spence Bate, 1888*		Arabian sea, A & N Is.
	<i>Nematocarcinus undulatipes</i> Spence Bate, 1888*		Lakshadweep sea
Family	Rhynchocinetidae Ortmann, 1890 2 genera, 2 species		
Genus	<i>Cinetorhynchus</i> Holthuis, 1995		
	<i>Cinetorhynchus hendersoni</i> (Kemp, 1925)+		A&N Islands
Genus	<i>Rhynchocinetes</i> H. Milne Edwards, 1837b		
	<i>Rhynchocinetes durbanensis</i> Gordon, 1936+	Camel Shrimp	Netrani Island, Karnataka
Superfamily	Oplophoroidea Dana, 1852		
Family	Oplophoridae Dana, 1852 7 genera, 12 species	Deepsea Shrimps	
Genus	<i>AcanthePHYra</i> A. Milne Edwards, 1881b		
	<i>AcanthePHYra curtirostris</i> Wood-Mason & Alcock, 1891b		
	<i>AcanthePHYra eximia</i> Smith, 1884*		
	<i>AcanthePHYra fimbriata</i> Alcock & Anderson, 1894*		Bay of Bengal
	<i>AcanthePHYra sanguinea</i> Wood-Mason in Wood-Mason & Alcock, 1892*		Off Kerala, West coast
Genus	<i>Heterogenys</i> Chace, 1986		
	<i>Heterogenys microphthalmalma</i> (Smith, 1885a)*		
Genus	<i>Hymenodora</i> Sars, 1877		
	<i>Hymenodora gracilis</i> Smith, 1886a*		West coast
Genus	<i>Notostomus</i> A. Milne Edwards, 1881b		
	<i>Notostomus</i> sp.*		DSL, West coast
Genus	<i>Meningodora</i> Smith, 1882		
	<i>Meningodora vesta</i> (Smith, 1886a)*		Bay of Bengal
Genus	<i>Oplophorus</i> H. Milne Edwards, 1837 (in Milne-Edwards 1834-1840)		
	<i>Oplophorus gracilirostris</i> A. Milne Edwards, 1881b*		Southwest coast
	<i>Oplophorus spinosus</i> (Brille, 1839)*		Southwest coast
	<i>Oplophorus typus</i> H. Milne Edwards, 1837*		West coast
Genus	<i>Ephyrina</i> Smith, 1885		
	<i>Ephyrina hoskynii</i> Wood-Mason & Alcock, 1891b*		
Superfamily	Palaemonoidea Rafinesque 1815		
Family	Gnathophyllidae Dana, 1852 1 genus, 1 species		

Genus	<i>Pycnocaris</i> Bruce, 1972a <i>Pycnocaris chagoae</i> Bruce, 1972a*	Agatti, Lakshadweep
Family	Hymenoceridae Ortmann, 1890 1 genus, 1 species	Harlequin Shrimps
Genus	<i>Hymenocera</i> Latreille, 1819 <i>Hymenocera picta</i> Dana, 1852b+ [Old name: <i>Hymenocera elegans</i> Heller, 1861]	Harlequin shrimp Minicoy
Family	Palaemonidae Rafinesque, 1815	Palaemonid Prawns
Subfamily	Palaemoninae Rafinesque, 1815 11 genera, 81 species	
Genus	<i>Arachnochium</i> Wowor & Ng, 2010a <i>Arachnochium kulsense</i> (Jayachandran, Lal Mohan & Raji, 2007) [Old name: <i>Macrobrachium kulsense</i> , Jayachandran, Lalmohan & Raji, 2007]	
Genus	<i>Leander</i> Desmarest, 1849 <i>Leander tenuicornis</i> (Say, 1818)*	
Genus	<i>Exopalaemon</i> Holthuis, 1950 <i>Exopalaemon styliferus</i> (H. Milne Edwards, 1840) [Old name: <i>Leander styliferus</i> (H. Milne Edwards, 1840)]	Roshna Prawn West & East coast
Genus	<i>Leptocarpus</i> Holthuis, 1950 <i>Leptocarpus fluminicola</i> (Kemp, 1917c)* <i>Leptocarpus kempii</i> Jayachandran, 1992* <i>Leptocarpus potamiscus</i> (Kemp, 1917)*	Ganges Delta Prawn Cochin & Northeast coast Bombay Prawn Maharashtra & A & N Islands
Genus	<i>Palaemon</i> Weber, 1795 <i>Palaemon belindae</i> (Kemp, 1925)* <i>Palaemon debilis</i> Dana, 1852a* <i>Palaemon concinnus</i> Dana, 1852a* <i>Palaemon pacificus</i> (Stimpson, 1860)* <i>Palaemon semmelinkii</i> (De Man, 1881)* <i>Palaemon serrifer</i> (Stimpson, 1860)* <i>Palaemon sewelli</i> (Kemp, 1925)*	A & N Islands
Genus	<i>Leandrites</i> Holthuis, 1950a <i>Leandrites celebensis</i> (De Man, 1881)*	Kerala, Tamil Nadu
Genus	<i>Macrobrachium</i> Spence Bate, 1868 <i>Macrobrachium aemulum</i> (Nobili, 1906b)* <i>Macrobrachium agwi</i> Klotz, 2008* <i>Macrobrachium altifrons altifrons</i> (Henderson, 1893)* <i>Macrobrachium altifrons ranjhai</i> Tiwari, 1964a* <i>Macrobrachium andamanicum</i> (Tiwari, 1952)* <i>Macrobrachium assamense assamense</i> (Tiwari, 1958)* <i>Macrobrachium assamense peninsularae</i> (Tiwari, 1955)* <i>Macrobrachium australe</i> (Guerin-Meneville, 1838)* in Guerin-Meneville, 1829-1838 <i>Macrobrachium bombajense</i> Almelkar & Sankolli, 2006* <i>Macrobrachium banjarai</i> (Tiwari, 1958)* <i>Macrobrachium birmanicum</i> (Schenkel, 1902)	Kerala, Tamil Nadu Assam, Haryana, Bihar Andamans Assam, Madhya Pradesh, UP Tamil Nadu, Andamans Maharashtra Madhya Pradesh, Karnataka Birma River Prawn Assam

<i>Macrobrachium cacharens</i> (Tiwari, 1952)*		Assam
<i>Macrobrachium canarae</i> (Tiwari, 1958)*		Karnataka, Kerala
<i>Macrobrachium cavernicola</i> (Kemp, 1924)*		Assam, Bihar
<i>Macrobrachium dayanum</i> (Henderson, 1893)*		Arunachal Pradesh, HP, AP, Chattisgarh
© <i>Macrobrachium divakarani</i> Jayachandran, 2001		Kerala
<i>Macrobrachium elatum</i> Jayachandran, 1987*		Kerala
<i>Macrobrachium equidens</i> (Dana, 1852a)	Rough River Prawn	West Bengal, Kerala, Goa
<i>Macrobrachium gangeticum</i> Spence Bate, 1868a*		UP, Assam
<i>Macrobrachium gurudeve</i> Jayachandran & Raji, 2005*		Kerala
<i>Macrobrachium hendersoni</i> (De Man, 1906)*		Tamil Nadu
# <i>Macrobrachium honnaense</i> Jayachandran, 2010		
<i>Macrobrachium idae</i> (Heller, 1862b)	Orana River prawn	Kerala, Karnataka
<i>Macrobrachium idella idella</i> (Hilgendorf, 1898)		Kerala, Karnataka, Goa
<i>Macrobrachium idella georgii</i> Jayachandran & Joseph, 1985*		Kerala
<i>Macrobrachium indicum</i> Jayachandran & Joseph, 1986*		Kerala
<i>Macrobrachium jayasreei</i> Jayachandran & Raji, 2005*		Kerala
<i>Macrobrachium johnsoni</i> Ravindranath, 1979*		Andhra Pradesh
© <i>Macrobrachium josephi</i> Jayachandran, 2001		Kerala
<i>Macrobrachium kempii</i> (Tiwari, 1949b)*		West Bengal
<i>Macrobrachium kistnense</i> (Tiwari, 1952)		Karnataka, Maharashtra
<i>Macrobrachium kulkarnii</i> Almelkar & Sankolli, 2006*		Maharashtra
<i>Macrobrachium kunjuramani</i> Jayachandran & Raji, 2005*		Kerala
<i>Macrobrachium lamarrei lamarrei</i> (H. Milne Edwards, 1837)		Odisha, Rajasthan
<i>Macrobrachium lamarrei lamarroides</i> (Tiwari, 1952)		Manipur
<i>Macrobrachium lanatum</i> Cai & Ng, 2002*		Northeast India
<i>Macrobrachium lar</i> (Fabricius, 1798) [Old name : <i>Macrobrachium ornatum</i> Jayachandran & Raji, 2004]	Monkey River Shrimp	Tamilnadu, Andamans
<i>Macrobrachium latidactylus</i> (Thallwitz, 1891)*	Scissor River Prawn	Andamans
<i>Macrobrachium latimanus</i> (Von Martens, 1868)*	Mountain River Prawn	West Bengal, Tamil Nadu
<i>Macrobrachium madhusoodani</i> Unnikrishnan, P.M. Pillai & Jayachandran, 2011		Kerala
<i>Macrobrachium malcolmsonii malcolmsonii</i> (H. Milne Edwards, 1844)	Monsoon River Prawn	West Bengal, Tamil Nadu
<i>Macrobrachium manipurens</i> (Tiwari, 1952)*		Manipur
<i>Macrobrachium naso</i> (Kemp, 1918a)*		
<i>Macrobrachium nobilii</i> (Henderson & Matthai, 1910)		Andhra Pradesh
<i>Macrobrachium novaehollandiae</i> (De Man, 1908)*		Kerala
<i>Macrobrachium peguense</i> (Tiwari, 1952)*		Tamil Nadu
<i>Macrobrachium placidulum</i> (De Man, 1892a)*		A & N Islands
<i>Macrobrachium platyrostris</i> (Tiwari, 1952)*		
<i>Macrobrachium rogersi</i> (Tiwari, 1952)*		Meghalaya
<i>Macrobrachium rosenbergii</i> (De Man, 1879)	Giant River Prawn	Kerala, Karnataka, West Bengal, Andhra Pradesh, Maharashtra, Tamil Nadu

	<i>Macrobrachium rude</i> (Heller, 1862a)	Hairy River Prawn	West Bengal, Tamil Nadu, Odisha, AP
	<i>Macrobrachium sankolli</i> Jalihal & Shenoy in Jalihal, Shenoy & Sankolli, 1988*		Kerala, Karnataka
	<i>Macrobrachium scabriculum</i> (Heller, 1862)*		West Bengal, AP, Kerala, Karnataka
	<i>Macrobrachium siwalikense</i> (Tiwari, 1952)*		Haryana, J&K, Punjab
	<i>Macrobrachium striatum</i> N.N.Pillai, 1991		Kerala
	<i>Macrobrachium sulcatus</i> (Henderson & Matthai, 1910)*		Kerala
	<i>Macrobrachium tiwarii</i> Jalihal, Shenoy & Sankolli, 1988*		Karnataka
	<i>Macrobrachium unikarnatakæ</i> Jalihal, Shenoy & Sankolli, 1988*		Karnataka
	<i>Macrobrachium veliense</i> Jayachandran & Joseph, 1985b*		Kerala
	<i>Macrobrachium villosimanus</i> (Tiwari, 1947)		West Bengal
	<i>Macrobrachium walvanense</i> Almelkar, Jalihal & Sankolli, 1999		Maharashtra
Genus	<i>Nematopalaemon</i> Holthuis, 1950a		
	<i>Nematopalaemon karnafuliensis</i> (Khan, Fincham & Mahmood, 1980)*		West Bengal
	<i>Nematopalaemon tenuipes</i> (Henderson, 1893)	Spider Prawn	Northwest, South & north east coast
Genus	<i>Rhopalaemon</i> Ashelby & De Grave, 2010		
	<i>Rhopalaemon belindæ</i> (Kemp, 1925)*		Gulf of Mannar
Genus	<i>Troglindicus</i> Sankolli & Shenoy, 1979		
	<i>Troglindicus phreaticus</i> Sankolli & Shenoy, 1979*		Maharashtra
Genus	<i>Urocaridella</i> Borradaile, 1915b		
	<i>Urocaridella urocaridella</i> (Holthuis, 1950a)*		Odisha
Subfamily	Pontiinae Kingsley, 1878 17 genera, 46 species		
Genus	<i>Allopontonia</i> Bruce, 1972b		
	<i>Allopontonia brockii</i> (De Man, 1888b)*		A & N Islands
Genus	<i>Anchistus</i> Borradaile, 1898		
	<i>Anchistus custos</i> (Forsk., 1775)*		A & N Islands
	<i>Anchistus demani</i> Kemp, 1922*		A & N Islands
	<i>Anchistus miersi</i> (De Man, 1888)*		A & N Islands
	<i>Anchistus pectinis</i> Kemp, 1925*		A & N Islands
Genus	<i>Chernocaris</i> Johnson, 1967		
	<i>Chernocaris placunæ</i> (Johnson, 1965)*		
Genus	<i>Conchodytes</i> Peters, 1852		
	<i>Conchodytes biunguiculatus</i> (Paulson, 1875)*		A & N Islands
	<i>Conchodytes kemp</i> Bruce, 1989b*		A & N Islands, South India
	<i>Conchodytes tridacnæ</i> Peters, 1852*		A & N Islands
Genus	<i>Coralliocaris</i> Stimpson, 1860		
	<i>Coralliocaris graminea</i> (Dana, 1852a)*		A & N Islands
	<i>Coralliocaris superba</i> (Dana, 1852a)*		A & N Islands
	<i>Coralliocaris venusta</i> Kemp, 1922*		Gulf of Mannar
Genus	<i>Cuapetes</i> Clark, A.H., 1919		

	<i>Cuapetes agag</i> (Kemp, 1922)*	A & N Islands
	<i>Cuapetes amymone</i> (De Man, 1902)*	A & N Islands
	<i>Cuapetes andamanensis</i> (Kemp, 1922)*	A & N Islands
	<i>Cuapetes demani</i> (Kemp, 1915)* [Old name: <i>Periclimenes demani</i> (Kemp, 1915)]	Chennai, Tamil Nadu
	<i>Cuapetes elegans</i> (Paulson, 1875)*	Lakshadweep
	<i>Cuapetes grandis</i> (Stimpson, 1860a)* [Old name : <i>Periclimenes grandis</i> Stimpson, 1860]	Kochi Backwaters
	<i>Cuapetes longirostris</i> (Borradaile, 1915b)	A & N Islands
	<i>Cuapetes seychellensis</i> (Borradaile, 1915b)*	A & N Islands
	<i>Cuapetes tenuipes</i> (Borradaile, 1898)*	A & N Islands
Genus	<i>Dasella</i> Lebour, 1945	
	<i>Dasella herdmaniae</i> (Lebour, 1938)*	Gulf of Mannar
Genus	<i>Dasycaris</i> Kemp, 1922	
	<i>Dasycaris symbiotes</i> Kemp, 1922	Visakhapatnam
Genus	<i>Harpiliopsis</i> Borradaile, 1916	
	<i>Harpiliopsis beaupresii</i> (Audouin, 1826)*	A & N Islands
	<i>Harpiliopsis depressa</i> (Stimpson, 1860)*	Tamil Nadu coast
	<i>Harpiliopsis spinigera</i> (Ortmann, 1890)*	A & N Islands
Genus	<i>Jocaste</i> Holthuis, 1952a	
	<i>Jocaste lucina</i> (Nobili, 1901c)	A & N Islands
Genus	<i>Periclimenes</i> Costa, 1844a	
	<i>Periclimenes alcocki</i> Kemp, 1922*	A & N Islands
	<i>Periclimenes brevicarpalis</i> (Schenkel, 1902)*	Gulf of Mannar
	<i>Periclimenes digitalis</i> Kemp, 1922*	A & N Islands
	<i>Periclimenes diversipes</i> Kemp, 1922*	Gulf of Mannar
	<i>Periclimenes incertus</i> Borradaile, 1915b*	A & N Islands
	<i>Periclimenes inornatus</i> Kemp, 1922*	A & N Islands
	<i>Periclimenes kemp</i> Bruce, 1969a*	A & N Islands
	<i>Periclimenes laccadivensis</i> (Alcock & Anderson, 1894)*	Lakshadweep sea
	<i>Periclimenes leptopus</i> Kemp, 1922*	A & N Islands
	<i>Periclimenes obscurus</i> Kemp, 1922*	Kerala, Trivandrum
	<i>Periclimenes proximus</i> Kemp, 1922*	A & N Islands
	<i>Periclimenes rex</i> Kemp, 1922*	Gulf of Mannar, Chennai
Genus	<i>Periclimenella</i> Bruce, 1944	
	<i>Periclimenella spinifera</i> (De Man, 1902)* [Old name: <i>Periclimenes spiniferus</i> De Man, 1902]	A & N Islands
Genus	<i>Philarius</i> Holthuis, 1952	
	<i>Philarius gerlachei</i> (Nobili, 1905a)*	Gulf of Mannar
Genus	<i>Phycomenes</i> Bruce, 2008d	
	<i>Phycomenes indicus</i> (Kemp, 1915)* [Old name: <i>Periclimenes indicus</i> (Kemp, 1915)]	SE coast, Nicobar Island, Chilka lake
Genus	<i>Dactylonia</i> Fransen, 2002	
	<i>Dactylonia anachoreta</i> (Kemp, 1922)* [Old name: <i>Pontonia anachoreta</i> Kemp, 1922]	Chennai, Tamil Nadu

Genus	<i>Vir</i> Holthuis, 1952c		
	<i>Vir orientalis</i> (Dana, 1852a)*		A & N Islands
Genus	<i>Palaemonella</i> Dana, 1852a		
	<i>Palaemonella rotumana</i> (Borradaile, 1898)*		A & N Islands
	<i>Palaemonella lata</i> Kemp, 1922		A & N Islands
Superfamily	Pandaloidea Haworth, 1825		
Family	Pandalidae Haworth, 1825 7 genera, 22 species		
Genus	<i>Chlorocurtis</i> Kemp, 1925		
	<i>Chlorocurtis jactans</i> (Nobili, 1904)		A & N Islands
Genus	<i>Chlorotocella</i> Balss, 1914		
	<i>Chlorotocella gracilis</i> Balss, 1914		A & N Islands
Genus	<i>Chlorotocus</i> A. Milne Edwards, 1882		
	<i>Chlorotocus crassicornis</i> (Costa, 1871)		A & N Islands
	<i>Chlorotocus spinicauda</i> De Man, 1902		A & N Islands
Genus	<i>Dorodotes</i> Spence Bate, 1888		
	<i>Dorodotes reflexus</i> Spence Bate, 1888		
Genus	<i>Heterocarpus</i> A. Milne-Edwards, 1881b		
	<i>Heterocarpus ensifer</i> A. Milne Edwards, 1881b*	Armed Nylon Shrimp	Southeast & West coast
	<i>Heterocarpus gibbosus</i> Spence Bate, 1888		Southeast & West coast, A & N Islands
	<i>Heterocarpus laevigatus</i> Spence Bate, 1888*	Smooth Nylon Shrimp	Arabian Sea
	<i>Heterocarpus longirostris</i> Macgilchrist, 1905		Bay of Bengal
	<i>Heterocarpus tricarinatus</i> Alcock & Anderson, 1894*	Scarred Nylon Shrimp	Arabian sea, Lakshadweep
	<i>Heterocarpus woodmasoni</i> Alcock, 1901	Indian Nylon Shrimp	Southeast & West coast, Andaman
	<i>Heterocarpus sibogae</i> De Man, 1917*	Mino Nylon Shrimp	Southwest coast, Andaman
Genus	<i>Plesionika</i> Spence Bate, 1888		
	<i>Plesionika alcocki</i> (Anderson, 1896)*	Gondwana Striped Shrimp	Arabian sea & Bay of Bengal
	<i>Plesionika bifurca</i> Alcock & Anderson, 1894*		A & N Islands
	<i>Plesionika ensis</i> (A. Milne-Edwards, 1881b)*	Gladiator Striped Shrimp	Southwest & East coast
	<i>Plesionika martia</i> (A. Milne-Edwards, 1883)	Golden Shrimp	East & West coast
	<i>Plesionika ocellus</i> (Spence Bate, 1888)*		A & N Islands
	<i>Plesionika quasigrandis</i> Chace, 1985 [Misidentified as: <i>Plesionika spinipes</i> Spence Bate, 1888]	Oriental Narwal Shrimp	West & South east coast, India,
	<i>Plesionika unidens</i> Spence Bate, 1888*		A & N Islands
	<i>Plesionika sindoi</i> (Rathbun, 1906)*		Southwest coast, Andamans
	<i>Plesionika williamsi</i> Forest, 1963*		Southwest coast
Genus	<i>Proctetes</i> Spence Bate, 1888		
	<i>Proctetes levicarina</i> (Spence Bate, 1888)* [Old name: <i>Heterocarpoides levicarina</i> Spence Bate, 1888]		West coast
Family	Thalassocarididae Spence Bate, 1888 1 genus, 3 species		
Genus	<i>Thalassocaris</i> Stimpson, 1860		

	<i>Thalassocaris crinita</i> (Dana, 1852a)*	A & N Islands
	<i>Thalassocaris lucida</i> (Dana, 1852a)*	SW coast
	<i>Thalassocaris obscura</i> Gopala Menon & Williamson, 1971*	Arabian sea
Superfamily	Pasiphaeidea Dana, 1852	
Family	Pasiphaeidae Dana, 1852 5 genera, 1 subgenus, 11 species	
Genus	<i>Glyphus</i> Filhol, 1884	
	<i>Glyphus marsupialis</i> Filhol, 1884	Arabian sea
Genus	<i>Leptochela</i> Stimpson, 1860	
Subgenus	<i>Leptochela</i> (<i>Leptochela</i>)	
	<i>Leptochela</i> (<i>Leptochela</i>) <i>aculeocaudata</i> Paulson, 1875*	DSL, Southwest coast
	<i>Leptochela</i> (<i>Leptochela</i>) <i>robusta</i> Stimpson, 1860*	DSL, Southwest coast
Genus	<i>Pasiphaea</i> Savigny, 1816	
	<i>Pasiphaea alcocki</i> Wood-Mason & Alcock, 1891 b*	SW & SE coast
	<i>Pasiphaea unispinosa</i> Wood-Mason, 1892*	A & N Islands
Genus	<i>Eupasiphaea</i> Wood-Mason in [Wood-Mason & Alcock, 1893]	
	<i>Eupasiphaea gilesii</i> (Wood-Mason, 1892)	A & N Islands
	<i>Eupasiphaea latirostris</i> (Wood-Mason & Alcock, 1891b)	Arabian sea
Genus	<i>Psathyrocaris</i> Wood-Mason in Wood-Mason & Alcock, 1893*	
	<i>Psathyrocaris infirma</i> (Wood-Mason MS) Alcock & Anderson, 1894*	DSL, Southwest coast
	<i>Psathyrocaris plumosa</i> Alcock & Anderson, 1894*	
	<i>Psathyrocaris platyophthalmus</i> Alcock & Anderson, 1894*	Lakshadweep
	<i>Psathyrocaris fragilis</i> Wood-Mason in Wood-Mason & Alcock, 1893*	
Superfamily	Processoidea Ortmann, 1890	
Family	Processidae Ortmann, 1890 2 genera, 3 species	
Genus	<i>Hayashidonus</i> Chace, 1997	Night Shrimps
	<i>Hayashidonus japonicus</i> (De Haan, 1844)*	
Genus	<i>Nikoides</i> Paul'son, 1875	
	<i>Nikoides sibogae</i> De Man, 1918a*	India
	<i>Nikoides danae</i> Paul'son 1875*	A & N Islands
Superfamily	Psalidopodoidea [Wood-Mason in Wood-Mason & Alcock, 1892]	Scissorfoot Prawns
Family	Psalidopodidae [Wood-Mason in Wood-Mason & Alcock, 1892] 1 genus, 1 species	
Genus	<i>Psalidopus</i> [Wood-Mason in Wood-Mason & Alcock, 1892]	
	<i>Psalidopus huxleyi</i> [Wood-Mason in Wood-Mason & Alcock, 1892*] [Old name: <i>Psalidopus spiniventris</i> Wood Mason & Alcock, 1892]	A & N Islands
Infraorder	Stenopodidea Claus, 1872	Stenopodid Shrimps
Family	Stenopodidae Claus, 1872 1 genus, 1 species	
Genus	<i>Stenopus</i> Latreille, 1819	
	<i>Stenopus hispidus</i> (Olivier, 1811)*	Boxer Shrimp Lakshadweep

Family	Spongicolidae Schram, 1986 4 genera, 4 species	Glass Sponge Shrimps
Genus	<i>Engystenopus</i> Alcock & Anderson, 1894	
	<i>Engystenopus palmipes</i> Alcock & Anderson, 1894	
Genus	<i>Odontozona</i> Holthuis, 1946a	
	<i>Odontozona spongicola</i> Alcock & Anderson, 1899	
Genus	<i>Spongicola</i> De Haan, 1844	Hawaiian Glass Sponge Shrimp
	<i>Spongicola andamanicus</i> Alcock, 1901*	A & N Islands
Genus	<i>Microprosthema</i> Stimpson, 1860a	Gulf of Mannar
	<i>Microprosthema validum</i> Stimpson, 1860*	
Infraorder	Axiidea de Saint Laurant, 1979	
Superfamily	Axiioidea Huxley, 1879	
Family	Axiidae Huxley, 1879 3 genera, 4 species	Lobster Shrimps
Genus	<i>Eiconaxius</i> Spence Bate, 1888	
	<i>Eiconaxius andamanensis</i> (Alcock, 1901)*	A & N Islands
	<i>Eiconaxius laccadivensis</i> Alcock & Anderson, 1894*	Lakshadweep
Genus	<i>Ambiaxius</i> Sakai & de Saint Laurant, 1899	
	<i>Ambiaxius alcocki</i> (McArdle, 1900) [Old name: <i>Calocaris alcocki</i> McArdle, 1900]	
Genus	<i>Calaxiopsis</i> Sakai & de Saint Laurant, 1989	
	<i>Calaxiopsis felix</i> Alcock, 1899 [Old name : <i>Calastacus felix</i> Alcock Anderson, 1899]	
Superfamily	Callianassoidea Dana, 1852	
Family	Callianassidae Dana, 1852 1 genus, 1 species	Ghost Shrimps
Subfamily	Callianassinae Dana, 1852	
Genus	<i>Callianassa</i> Leach, 1814	
	<i>Callianassa lignicola</i> Alcock & Anderson, 1899	

* No commercial significance

+ Ornamental value

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