



# 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             |
| Psilidopodidae           | 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          | <b>Penaeidae Rafinesque, 1815</b><br>19 genera, 72 species + 1 introduced species                                 | <b>Penaeid prawns</b> |   |
| Genus           | <i>Atyppenaeus</i> Alcock, 1905   |                       |   |
|                 | <i>Atyppenaeus compressipes</i> (Henderson, 1893)   |                       |   |
|                 | <i>Atyppenaeus stenodactylus</i> (Stimpson, 1860)<br>[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 | <sup>3</sup> <i>Ganjampenaeopsis</i> (Alcock, 1905)                           |                         |   |
|       | <i>Ganjampenaeopsis uncta</i> (Alcock, 1905)                                  |                         |   |
| Genus | <sup>3</sup> <i>Kishinouyepenaepsis</i> Alcock, 1905                          |                         |   |
|       | <i>Kishinouyepenaepsis maxillipedo</i> (Alcock, 1905)                         |                         |   |
| Genus | <i>Litopenaeus</i> Pérez Farfante, 1969                                       |                         |   |
|       | <i>Litopenaeus vanna</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) <sup>e</sup>                   | 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   |
|       | <sup>1</sup> <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 | <b><i>Metapenaeus</i></b> 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 | <sup>3</sup> <b><i>Mierspenaeopsis</i></b> Muthu, 1972   |                      |  |
|       | <i>Mierspenaeopsis indica</i> (Muthu, 1972)  |                      |  |
| Genus | <b><i>Penaeus</i></b> 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 | <b><i>Parapenaeopsis</i></b> 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                          |
|       | <sup>2</sup> <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 | <b><i>Pelagopenaeus</i></b> Perez Farfante & Kensley, 1997   |                      |  |
|       | <i>Pelagopenaeus balboae</i> (Faxon, 1893)*  |                      | Southwest coast                            |
| Genus | <b><i>Parapenaeus</i></b> 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                               |

<sup>1</sup> *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)

<sup>2</sup> *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 cochinensis* 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

<sup>3</sup> *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)<sup>4</sup> *Parapenaeus fissuroides indicus* Crosnier, 1986a accepted as a subspecies. Refer Turkay, M.

\*Taxonomic expert consultation required

|               |   |                            |                       |
|---------------|---|----------------------------|-----------------------|
| <b>Family</b> | <b>Sicyoniidae Ortmann, 1898</b><br>1genus, 4 species                   | <b>Rock Shrimps</b>        |                       |
| 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 |
| <b>Family</b> | <b>Solenoceridae Wood-Mason, 1891</b><br>5 genera, 20 species           | <b>Solenocerid Shrimps</b> |                       |
| 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  |
| <b>Family</b> | <b>Aristeidae Wood-Mason, 1891</b><br>7 genera, 13 species                          | <b>Aristeid Shrimps</b> |  |
| 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                    |
| <b>Family</b>             | <b>Benthescymidae Wood-Mason, 1891</b><br>4 genera, 12 species                                       | <b>Benthescymid Shrimps</b> |  |
| 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*   |                             |  |
| <b>Sergestoid shrimps</b> |  |                             |  |
| <b>Superfamily</b>        | <b>Sergestoidea Dana, 1852</b>   |                             |  |
| <b>Family</b>             | <b>Sergestidae Dana, 1852</b><br>6 genera, 13 species  | <b>Sergestid Shrimps</b>    |  |
| 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)*<br>[Old name: <i>Sergestes seminudus</i> Hansen, 1919] |                             |  |
| Genus                     | <i>Neosergestes</i> Judkins & Kensley, 2008  |                             |  |

|                        |  |   |
|------------------------|--|---|
|                        | <i>Neosergestes orientalis</i> (Hansen, 1919)*<br>[Old name: <i>Sergestes orientalis</i> Haansen, 1919]  |   |
|                        | <i>Neosergestes semissis</i> Burkenroad, 1940*<br>[Old name: <i>Sergestes semissis</i> Burkenroad, 1940] |   |
| Genus                  | <i>Parasergestes</i> Judkins & Kensley 2008  |   |
|                        | <i>Parasergestes armatus</i> (Kroyer, 1855)*<br>[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*   |   |
| <b>Family</b>          | <b>Luciferidae De Haan, 1841</b><br>1 genus, 7 species   | Arabian sea, Lakshadweep,<br>Bay of Bengal & A & N<br>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*   | "   |
| <b>Caridean prawns</b> |  |   |
| Subphylum              | Crustacea Brönnich, 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   |   |
| <b>Superfamily</b>     | <b>Alpheoidea Rafinesque, 1815</b>   |   |
| <b>Family</b>          | <b>Alpheidae Rafinesque, 1815</b><br>4 genera, 23 species  | <b>Snapping Shrimps/<br/>Pistol Shrimps</b>                   |
| 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<br>Shrimp                                    |
|                        | <i>Alpheus edwardsii</i> (Audouin, 1826)*  | West Bengal   |
|                        | <i>Alpheus euphrosyne</i> De Man, 1897*  | Nymph Snapping<br>Shrimp                                      |
|                        | <i>Alpheus frontalis</i> H. Milne Edwards, 1837 in [H. Milne<br>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                       |
| <b>Family</b> | <b>Hippolytidae Spence Bate, 1888</b>                      | <b>Cleaner Shrimps</b> |                              |
|               | 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) <sup>+</sup>    | 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*                      |                        |                              |

|                    |   |  |                      |
|--------------------|---|--|----------------------|
| <b>Family</b>      | <b>Ogyrididae Holthuis, 1955</b><br>1 genus, 2 species                              | <b>Long Eye Shrimps</b>                                      |                      |
| Genus              | <i>Ogyrides</i> Stebbing, 1914  |  |                      |
|                    | <i>Ogyrides orientalis</i> (Stimpson, 1860)*  | Telescope Shrimp   | India                |
|                    | <i>Ogyrides striaticauda</i> Kemp, 1915*  |  | Chilka Lake , Odisha |
| <b>Superfamily</b> | <b>Atyoidea De Haan, 1849</b>   |  |                      |
| <b>Family</b>      | <b>Atyidae De Haan, 1849</b><br>1 genus, 28 species                                 | <b>Basket Shrimps<br/>(Freshwater/<br/>Estuarine Prawns)</b> |                      |
| 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 jaliwali</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   |
| <b>Superfamily</b> | <b>Bresilioidea Calman, 1896</b>  |  |                      |
| <b>Family</b>      | <b>Disiadidae Rathbun, 1902c</b><br>1 genus, 1 species                              |  |                      |
| Genus              | <i>Discias</i> Rathbun, 1902c*  |  |                      |

|                    |   |                          |                  |
|--------------------|---|--------------------------|------------------|
|                    | <i>Discias exul</i> Kemp, 1920  |                          |                  |
| <b>Superfamily</b> | <b>Crangonoidea Haworth, 1825</b>   |                          |                  |
| <b>Family</b>      | <b>Crangonidae Haworth, 1825</b><br>6 genera, 18 species  | <b>Crangonid Shrimps</b> |                  |
| Genus              | <i>Aegaeon</i> Agassiz, 1846  |                          |                  |
|                    | <i>Aegaeon lacazei</i> (Gourret, 1887a)*<br>[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)*<br>[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*                           |                          |                  |
| <b>Family</b>      | <b>Glyphocrangonidae Smith, 1884</b><br>1 genus, 10 species   | <b>Armoured Shrimps</b>  |                  |
| 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 |

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|                    | <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               |
| <b>Superfamily</b> | <b>Nematocarcinoidea Smith, 1884</b>                                   |                        |                           |
| <b>Family</b>      | <b>Nematocarcinidae Smith, 1884</b><br>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           |
| <b>Family</b>      | <b>Rhynchocinetidae Ortmann, 1890</b><br>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 |
| <b>Superfamily</b> | <b>Oplophoroidea Dana, 1852</b>  |                        |                           |
| <b>Family</b>      | <b>Oplophoridae Dana, 1852</b><br>7 genera, 12 species                 | <b>Deepsea Shrimps</b> |                           |
| 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*                   |                        |                           |
| <b>Superfamily</b> | <b>Palaemonoidea Rafinesque 1815</b>                                   |                        |                           |
| <b>Family</b>      | <b>Gnathophyllidae Dana, 1852</b><br>1 genus, 1 species                |                        |                           |

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

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|---|----------------------|---|
| <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 hendersonianum</i> (Tiwari, 1952)*   |                      | Maharashtra, Karnataka  |
| <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)<br>[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 manipurensis</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 |



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|------------------|---|-------------------|-------------------------------------|
|                  | <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            | <b><i>Nematopalaemon</i></b> 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            | <b><i>Rhopalaemon</i></b> Ashelby & De Grave, 2010                                  |                   |                                     |
|                  | <i>Rhopalaemon belindæ</i> (Kemp, 1925)*  |                   | Gulf of Mannar                      |
| Genus            | <b><i>Troglindicus</i></b> Sankolli & Shenoy, 1979                                  |                   |                                     |
|                  | <i>Troglindicus phreaticus</i> Sankolli & Shenoy, 1979*                             |                   | Maharashtra                         |
| Genus            | <b><i>Urocaridella</i></b> Borradaile, 1915b  |                   |                                     |
|                  | <i>Urocaridella urocaridella</i> (Holthuis, 1950a)*                                 |                   | Odisha                              |
| <b>Subfamily</b> | <b>Pontiinae Kingsley, 1878</b><br><b>17 genera, 46 species</b>                     |                   |                                     |
| Genus            | <b><i>Allopontonia</i></b> Bruce, 1972b   |                   |                                     |
|                  | <i>Allopontonia brockii</i> (De Man, 1888b)*  |                   | A & N Islands                       |
| Genus            | <b><i>Anchistus</i></b> 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            | <b><i>Chernocaris</i></b> Johnson, 1967   |                   |                                     |
|                  | <i>Chernocaris placunæ</i> (Johnson, 1965)*   |                   |                                     |
| Genus            | <b><i>Conchodytes</i></b> 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            | <b><i>Coralliocaris</i></b> 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            | <b><i>Cuapetes</i></b> Clark, A.H., 1919  |                   |                                     |

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|       | <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)*<br>[Old name: <i>Periclimenes demani</i> (Kemp, 1915)]                | Chennai, Tamil Nadu                      |
|       | <i>Cuapetes elegans</i> (Paulson, 1875)*   | Lakshadweep                              |
|       | <i>Cuapetes grandis</i> (Stimpson, 1860a)*<br>[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 | <b><i>Dasella</i></b> Lebour, 1945   |  |
|       | <i>Dasella herdmaniae</i> (Lebour, 1938)*  | Gulf of Mannar                           |
| Genus | <b><i>Dasycaris</i></b> Kemp, 1922   |  |
|       | <i>Dasycaris symbiotes</i> Kemp, 1922  | Visakhapatnam                            |
| Genus | <b><i>Harpiliopsis</i></b> 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 | <b><i>Jocaste</i></b> Holthuis, 1952a  |  |
|       | <i>Jocaste lucina</i> (Nobili, 1901c)  | A & N Islands                            |
| Genus | <b><i>Periclimenes</i></b> 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 | <b><i>Periclimenella</i></b> Bruce, 1944   |  |
|       | <i>Periclimenella spinifera</i> (De Man, 1902)*<br>[Old name: <i>Periclimenes spiniferus</i> De Man, 1902] | A & N Islands                            |
| Genus | <b><i>Philarius</i></b> Holthuis, 1952   |  |
|       | <i>Philarius gerlachei</i> (Nobili, 1905a)*  | Gulf of Mannar                           |
| Genus | <b><i>Phycomenes</i></b> Bruce, 2008d  |  |
|       | <i>Phycomenes indicus</i> (Kemp, 1915)*<br>[Old name: <i>Periclimenes indicus</i> (Kemp, 1915)]            | SE coast, Nicobar Island,<br>Chilka lake |
| Genus | <b><i>Dactylonia</i></b> Fransen, 2002   |  |
|       | <i>Dactylonia anachoreta</i> (Kemp, 1922)*<br>[Old name: <i>Pontonia anachoreta</i> Kemp, 1922]            | Chennai, Tamil Nadu                      |

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|--------------------|---|--------------------------|---------------------------------------|
| 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                         |
| <b>Superfamily</b> | <b>Pandaloidea Haworth, 1825</b>  |                          |                                       |
| <b>Family</b>      | <b>Pandalidae Haworth, 1825</b><br>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<br>[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)*<br>[Old name: <i>Heterocarpoides levicarina</i> Spence Bate, 1888] |                          | West coast                            |
| <b>Family</b>      | <b>Thalassocarididae Spence Bate, 1888</b><br>1 genus, 3 species  |                          |                                       |
| Genus              | <i>Thalassocaris</i> Stimpson, 1860   |                          |                                       |

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|--------------------|--|-----------------------------|
|                    | <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                 |
| <b>Superfamily</b> | <b>Pasiphaeidea Dana, 1852</b>   |                             |
| <b>Family</b>      | <b>Pasiphaeidae Dana, 1852</b><br>5 genera, 1 subgenus, 11 species   |                             |
| Genus              | <i>Glyphus</i> Filhol, 1884  |                             |
|                    | <i>Glyphus marsupialis</i> Filhol, 1884  | Arabian sea                 |
| Genus              | <i>Leptocheila</i> Stimpson, 1860  |                             |
| Subgenus           | <i>Leptocheila</i> ( <i>Leptocheila</i> )  |                             |
|                    | <i>Leptocheila</i> ( <i>Leptocheila</i> ) <i>aculeocaudata</i> Paulson, 1875*  | DSL, Southwest coast        |
|                    | <i>Leptocheila</i> ( <i>Leptocheila</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*   |                             |
| <b>Superfamily</b> | <b>Processoidea Ortmann, 1890</b>  |                             |
| <b>Family</b>      | <b>Processidae Ortmann, 1890</b><br>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               |
| <b>Superfamily</b> | <b>Psalidopodoidea [Wood-Mason in Wood-Mason &amp; Alcock, 1892]</b>   | <b>Scissorfoot Prawns</b>   |
| <b>Family</b>      | <b>Psalidopodidae [Wood-Mason in Wood-Mason &amp; Alcock, 1892]</b><br>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*]<br>[Old name: <i>Psalidopus spiniventris</i> Wood Mason & Alcock, 1892] | A & N Islands               |
| <b>Infraorder</b>  | <b>Stenopodidea Claus, 1872</b>  | <b>Stenopodid Shrimps</b>   |
| <b>Family</b>      | <b>Stenopodidae Claus, 1872</b><br>1 genus, 1 species  |                             |
| Genus              | <i>Stenopus</i> Latreille, 1819  |                             |
|                    | <i>Stenopus hispidus</i> (Olivier, 1811)*  | Boxer Shrimp<br>Lakshadweep |

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

\* No commercial significance

+ Ornamental value

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